



Curriculum Vitae

Philippe RYVLIN, MD, PhD

Epilepsy : SUDEP, Surgery, Neuroimaging, Intracerebral EEG, AEDs, RCTs

Neurotechnologies: Wearables, Seizure detection, AI, data sharing platforms

Current Academic Positions

Professor of Neurology, Chair of the Departement of Clinical Neuroscience
University Hospital of Lausanne (CHUV-UNIL), Lausanne, Switzerland

Affiliated Professor of multimodal epilepsy surgery evaluation
University of Copenhagen, Copenhagen, Denmark

Education, degrees, and previous positions

- 1981 to 1987 Medical school (Paris, France)
- 1988 to 1994 Residency program in Neurology (Lyon, France)
- 1989 Master in Statistics and Epidemiology (Lyon, France)
- 1990 to 1991 Epilepsy fellowships at Montreal Neurological Institute (Canada), University of California, Los Angeles (US), and Zurich University Hospital (Switzerland)
- 1993 Master in Genetic et Cytogenetic (Lyon, France)
- 1994 MD degree and graduation in Neurology (Lyon, France)
- 1997 PhD in Neurosciences (Lyon, France)
- 2000 Full professor of Neurology (Lyon, France)

Publications:

- 411 pubmed referenced publications
- H-index: Web of Science: 73; Google Scholar: 92
- Sum of times cited: Web of science: 19'723; Google Scholar: 33'231

Main areas of scientific and clinical expertise:

- Epilepsy surgery and pre-surgical evaluation (SEEG, PET, electroclinical correlations)
- Sudden unexpected death in epilepsy (pathophysiology and prevention)
- Antiepileptic drugs and clinical trials
- Wearable devices and seizure detection
- Artificial Intelligence and Foundational Models in epilepsy



Detailed Curriculum Vitae

Philippe RYVLIN, MD, PhD

Epilepsy: SUDEP, Surgery, Neuroimaging, Intracerebral EEG, AEDs, RCTs

Neurotechnology: Wearables, Seizure detection, AI, data sharing platforms

Current Academic Positions

Full Professor of Neurology – since 27/08/2014

Institution: University of Lausanne, Lausanne, Switzerland

Affiliated Professor of multimodal epilepsy surgery evaluation – since 01/01/2015

Institution: University of Copenhagen, Copenhagen, Denmark

Past Academic Positions

Full Professor of Neurology – from 01/09/2000 to 31/12/2014

Institution: University Claude Bernard Lyon-1, Lyon, France

Management of Medical Departments

- Centre Hospitalo-Universitaire Vaudois (CHUV), Lausanne, Switzerland

- **Chair of the Department of Clinical Neurosciences (DNC) since January 1st 2015**

- **Chair of the Division of Neuropsychology and Neurorehabilitation 2021 - 2023**

- Hospices Civils de Lyon, Lyon, France

- **Chair of the Department of Functional Neurology and Epileptology 2013 - 2014**

- **Coordinator of the Department of Pediatric Clinical Neurophysiology 2007 - 2010**

Management of Research Laboratories

- **Founder and director of the laboratory Neurodigital@NeuroTech**, Neuroscience Research Center, Department of Clinical Neurosciences, CHUV, Lausanne, **since 2016**

- **Founder and co-director of TIGER team** (Translational and Integrative Group in Epilepsy Research, Lyon Neuroscience Research Centre, INSERM U1028, CNRS 5292), **2011 - 2014**

- **Coordinator of the CTRS-INSERM** (*Thematic Centre for Research and Healthcare*) « Cognitive Development in Epilepsy », 2007 - 2010.

Management of other organisations

- **Founder and board member of Foundation NeuroTech** (Lausanne) **since 2017**

- **Co-founder and Director of IDEE** (Institut Des EpilepsiEs, Lyon, France) **2015-2018**

- **President/founder of the European Epilepsy Monitoring units Association (EEMA) since 2011**

- **Co-founder and board member of Foundation IDEE** (*Lyon, France*) **since 2007**

Influence

Previous and current positions

- Chair of the ILAE task force on Mortality Prevention in Epilepsy since **2025**

- Member of the global advocacy council of the ILAE (*International League Against Epilepsy*) since **2021**

- Member of the Scientific Committee of the European Academy of Neurology (EAN): 2020-2025

- Chair of the Lancet Neurology commission in epilepsy since 2019-2025

- Chair of the ILAE Task Force on “Advocacy for Research”: 2017-2021

- Co-chair of the joint task force of the ILAE and International Bureau for Epilepsy (IBE): 2013-2021

- Member of the Epilepsy Management Panel of the EAN: 2015-2019

- Elected Member of the council of the French League Against Epilepsy (LFCE) and Vice-President in charge of international affairs: 2012-2016

- Coordinator of the LFCE/FFRE French Epilepsy Clinical Network: 2011-2012
(*Ligue Française Contre l'Epilepsie, Fondation Française pour la Recherche sur l'Epilepsie*)
- Member of the INSERM Neuroscience Scientific Council (CSS1): 2011-2012
- Coordinator of the Collège de Neurologie des Hospices Civils de Lyon: 2011-2014
- Member of the Clinical Trials Task force of the ILAE: 2010 - 2013
- Member of the Joint « SUDEP » Task Force of the EFNS and AAN: 2009-2013
(*European Federation of Neurological Societies and American Academy of Neurology*)
- Member of the pedagogic council of Medical University Lyon-Est : 2009-2014
- Member of the « Transient Loss of Consciousness » Task Force of the EFNS: 2008-2013
(*European Federation of Neurological Societies*)
- Member of the Inter-Regional Delegation of Clinical Research: 2008 - 2011
- Member of the Classification task force of the ILAE in 2008
- Member of the Scientific Commission of CHS le Vinatier: 2007 - 2014
- Vice-President of the LFCE in charge of scientific affairs: 2007 - 2011
- Elected Member of the council of the French League Against Epilepsy (LFCE): 2005 - 2011
- Member of the Clinical Research Council of the Hospices Civils de Lyon (HCL) 1999 - 2011
- Elected Member of the scientific council of Lyon-1 University : 1999-2002
- President elected of the syndicat autonome des CCA de Lyon : 1998-1999
- Elected Member of the Commission Médical d'Etablissement (CME) des HCL: 1997 - 1999
- Elected Member of Lyon-Nord Medical University council : 1997 - 2000
- President/founder of the Bureau de Recherche des Assistants/Internes en Neurologie (BRAIN):1997
- Elected Member of the Comité Consultatif Médical of the Neurological Hospital (HCL) : 1995

Editorial activity for peer-reviewed international journals

- Co-Editor in Chief of Current Opinions in Neurology since **2025**
- Member of the editorial board of Current Opinions in Neurology since **2019**
- Associate Editor of Epilepsia Open 2016 - 2023
- Co-founder of Epileptic Disorders and member of the editorial board from 1999 to 2013
- Member of the editorial board of Epilepsy Research and Treatment since 2010
- Member of the editorial board of Epilepsy Research: 2007-2011
- Member of the editorial board of Epilepsia 2007-2009
- Reviewer for *Lancet*, *Lancet Neurology*, *Brain*, *Neurology*, *Epilepsia*, *Epilepsy Research*, *Seizure*

Organization of national and international meetings

- 2026: - 4th International Conference on Artificial Intelligence in Epilepsy and Neurological Disorders (co-organiser, Puerto Rico)
 - 13th North-American SEEG training course (co-organiser, Mont-Tremblant)
 - 7th Asian SEEG training course (co-organiser, Kuala Lumpur)
 - 15th International SEEG training course (co-organiser, Venice)
- 2025: - 4th International congress on mobile health devices and seizure detection in epilepsy (co-chair, Copenhagen)
 - 3rd International Conference on Artificial Intelligence in Epilepsy and Neurological Disorders (co-organiser, Breckenridge)
 - 12th North-American SEEG training course (co-organiser, Mont-Tremblant)
 - 6th Asian SEEG training course (co-organiser, Kuala Lumpur)
 - 14th International SEEG training course (co-organiser, Venice)
- 2024: - State of the art anatomo-clinical correlations of focal seizures (co-organizer, Paros, Greece)
 - 2nd International Conference on Artificial Intelligence in Epilepsy and Neurological Disorders (co-organiser, Park City)
 - 13th International SEEG training course (co-organiser, Venice)
 - 11th North-American SEEG training course (co-organiser, Sacacomie)

- 5th Asian SEEG training course (co-organiser, Cely)
- 2023: - 1st International Conference on Artificial Intelligence in Epilepsy and Neurological Disorders (co-organiser, Breckenridge)
 - 12th International SEEG training course (co-organiser, Venice)
 - 10th North-American SEEG training course (co-organiser, Sacacomie)
 - 4th Asian SEEG training course (co-organiser, Cely)
 - 4th International congress on mobile health devices and seizure detection in epilepsy (co-chair, Lausanne)
- 2022: - 4th international epilepsy colloquium (organizer, Lausanne)
 - 11th International SEEG training course (co-organiser, Venice)
 - 9th North-American SEEG training course (co-organiser, Miami)
 - 3rd Asian SEEG training course (co-organiser, Cely)
- 2021: - 3rd International congress on mobile health devices and seizure detection in epilepsy (co-chair, Copenhagen)
- 2019: - 10th International SEEG training course (co-organiser, Venice)
 - 8th North-American SEEG training course (co-organiser, Miami)
 - 2nd International congress on mobile health devices and seizure detection in epilepsy (co-chair, Lausanne)
- 2018: - 9th International SEEG training course (lesional epilepsies) (co-organiser, Venice)
 - 2nd Asian SEEG training course (co-organiser, Singapore)
- 2017: - 8th International SEEG training course (insulo-perisylvian seizures) (co-organiser, Venice)
 - 1st Asian SEEG training course (co-organiser, Singapore)
 - 1st International congress on mobile health devices and seizure detection in epilepsy (co-organiser, Copenhagen)
 - 1st International Course on PET in epilepsy (co-organiser, Orsay, France)
 - 32rd International Epilepsy Congress (scientific organising committee, Barcelona)
- 2016: - 7th International SEEG training course (Language Systems) (co-organiser, Venice)
 - 5th North-American SEEG training course (Hypermotor seizures) (co-organiser, Montreal)
- 2015: - 6th International SEEG training course (Visual Systems) (co-organiser, Venice)
 - 4th North-American SEEG training course (posterior cortex epilepsy) (coorganiser, Montreal)
- 2014: - 5th International SEEG training course (Motor Systems) (co-organiser, Venice)
 - 11th European Congress of Epilepsy (member of the scientific committee) (Stockholm)
 - 30th International Congress of Clinical Neurophysiology (Member of the International Teaching Program Committee, Berlin)
 - 3rd North-American SEEG training course (posterior cortex epilepsy) (coorganiser, Montreal)
- 2013: - 4th International SEEG training course (MCD) (co-organiser, Lyon)
 - 2nd North-American SEEG training course (frontal lobe epilepsy) (co-organiser, Montreal)
 - Intra-cerebral investigations and treatment in neuropsychiatric disorders (organiser, Lyon)
- 2012: - 1st North-American SEEG training course (temporal lobe epilepsy) (co-organiser, Montreal)
 - 5th Marburg-Cleveland-IDEE International Colloquium (co-organiser, Lyon)
 - 3rd International SEEG training course (posterior cortex epilepsy) (co-organiser, Lyon)
- 2011: - 2nd International SEEG training course (frontal lobe epilepsy) (co-organiser, Lyon)
 - 6th Progress in Epileptic Disorders (clinical trials of anti-epileptic drugs) (co-organiser, Lyon)
 - 2nd European Forum addressing Challenges in Epilepsy Care (chair, Franckfurt)
- 2010: - 1st International SEEG training course (tempooral lobe epilepsy) (co-organiser, Lyon)
- 2009: - 2rd Marburg-Cleveland-IDEE International Colloquium (co-organiser, Lyon)
- 2008: - Annual Meeting of the French League Against Epilepsy (Chair, Lyon)
 - 1st European Forum addressing Challenges in Epilepsy Care (Chair, Budapest)

- 4th Progress in Epileptic Disorders (drug resistance) (co-organiser, Sitges)
- 2007: - 3rd Progress in Epileptic Disorders (newly diagnosed epilepsy) (co-organiser, Roma)
- 2006: - 2nd Progress in Epileptic Disorders (generalised epilepsies) (co-organiser, Roma)
- 2005: - International Epilepsy Congress (Chair of the Scientific Committee, Paris)
- 1st Progress in Epileptic Disorders (cognitive dysfunction in epilepsy) (co-organiser, Roma)

Supervision of PhD thesis since 2007

- | | |
|--------------------------------|------------------------|
| - Maylis Touya | Ongoing since 2023 |
| - Florian Perrin | Ongoing since 2023 |
| - Marius Kloevegaard Soerensen | PhD graduation in 2022 |
| - Mani Saignavongs | PhD graduation in 2016 |
| - Talal Almashaiki: | PhD graduation in 2013 |
| - Sevan Kaloustian: | PhD graduation in 2009 |
| - Amélie Lothe: | PhD graduation in 2009 |
| - Geneviève Demarquay: | PhD graduation in 2008 |
| - Nicolas Costes | PhD graduation in 2007 |

Patent: EPIDEO system patented in 2008 (Automatic video-recording system of epileptic seizures)

European and NIH Research Grants – PI or Swiss for all grants

- 2026: **Eureka Eurostars REVERSE:** Prevention of seizures by a closed-loop wearable
- 2026: **Horizon Europe EBRAINS IMPLEMENT:** Implementing digital services to empower neuroscience research for health and brain inspired technology via EBRAINS
- 2026: **Horizon Europe RenAI:** Using Generative AI (GenAI4EU) for Scientific Research via EOSC
- 2026: **EOSC4ALL GEANT:** Providing a low barrier way to join the EOSC Federation
- 2025: **NIH INSSURR:** International Seizure and SUDEP Research Repository:
- 2024: **THCS (Transforming Health and Care Systems) TeleEPI:** Integrated care pathway for people with epilepsy based on an unobtrusive AI-powered telemedical system
- 2023: **Horizon Europe EBRAINS 2.0:** Europe's Brain Research and Precision Medicine Infrastructure for Advancing Neuroscience, Personalized Healthcare, Research, Education, and Innovation
- 2022: **Horizon Europe RELIEVE:** First Closed-loop non-Invasive Seizure Prevention System
- 2022: **Horizon Europe eCREAM:** Enabling clinical research in emergency and acute care medicine through automated data extraction
- 2022: **Horizon Europe NEUROSENSE:** NEUROendocrine SENSor for Sudden Unexpected Death in Epilepsy (SUDEP) prediction and prevention
- 2021: **NIH:** Advancing SUDEP risk prediction using case-control and big data approaches
- 2021: **IMI EPND:** European Platform for Neurodegenerative diseases
- 2020: **IMI SOPHIA:** Stratification of obesity phenotype to optimize future therapy
- 2020: **Human Brain Project SGA3 – SC5** Human intracerebral EEG platform
- 2018: **Human Brain Project SGA2 – SP8** Medical Informatics Platform
- 2019: **H2020 DeepHealth:** Deep-Learning and HPC to Boost Biomedical Applications for Health.
- 2018: **H2020 RECIPE:** RELiable power and time-Constraints-aware Predictive management of heterogeneous Exascale systems
- 2016: **ERN EpiCARE:** A European Reference Network on rare and complex epilepsies
- 2013: **E-PILEPSY -** A european pilot network of reference centres in refractory epilepsy and epilepsy surgery (Primary European PI)
- 2012: **ERA-NET Neuron:** Simultaneous fMRI/SEEG and MEG/SEEG (Primary European PI)

Other Academic Research Grants obtained as PI or co-PI since 2001

- 2026 Swiss National Fund: EPISAVE – Advancing seizure detection and SUDEP prevention with next generation wearable technology (1'991'551 CHF)
- 2022: SPHN SNOW: Swiss Network of Wearables (500.000 CHF)
- 2020: Swiss National Science Foundation – SINERGIA: PEDESITE - Personalized Detection of Epileptic Seizure in the Internet of Things (IoT) Era (2.800.000 CHF)
- 2018: Swiss National Science Foundation: SEVERITY - Quantifying the severity of generalized tonic-clonic seizures (GTCS) with connected devices during video-EEG monitoring (700.000 CHF)
- 2017: Hassler Foundation: Predicting Episodic Disorders with Health Companions
- 2016: InnoCentive - The SUDEP Institute Challenge part 2: fMRI biomarkers of SUDEP
- 2015: InnoCentive - The SUDEP Institute Challenge part 1: fMRI biomarkers of SUDEP
- 2015: Swiss-Korean CTI grant: DOMOHYO
- 2013: PHRC: SAVE: Safety of antiepileptic drug withdrawal in long term video-EEG monitoring
- 2012: PHRC: Simultaneous fMRI/SEEG study of High frequency oscillations
- 2009: PHRC: REPO₂MSE - National network for the study of risk factors and prevention of sudden unexpected death in epilepsy
- 2009: Translational INSERM-DHOS grant FLUOXETINE – Randomised controlled trial of fluoxetine versus placebo for the treatment of ictal/post-ictal hypoxemia
- 2009: PHRC: FLUOXETINE – Randomised controlled trial of fluoxetine versus placebo for the treatment of ictal/post-ictal hypoxemia
- 2008 : PICRI Ile de France: DYNAMAT – Dynamic cerebral Maturation in idiopathic and cryptogenic partial epilepsy in children
- 2008 : Hospices Civils de Lyon Transversal research action in MRI/fMRI
- 2007 : CTRS INSERM Cognitive Development in Epilepsy.
- 2007 : International League Against Epilepsy MORTEMUS - MORTality in Epilepsy Monitoring Unit Study.
- 2006 : PHRC: Genetic factors of comorbid depression in temporal lobe epilepsy
- 2004 : 6th Concours National d'aide à la création d'entreprises de technologies innovantes EPIDEO – Innovative system for rvideoecording of seizures
- 2004 : PHRC : PET study of 5HT_{1A} receptors in olfactory-induced migraine
- 2003 : PHRC : PET study of 5HT_{1A} receptors in drug resistant epilepsy
- 2002 : RNTS grant (Réseau National des Technologies pour la Santé). Multimodal advanced platform for image analysis in clinical setting (PLAMAIVIC).
- 2001 : PHRC : Odor intolerance syndrom in Neurology
- 2001 : BQR grant from University Lyon-1 : Plasticity of the serotonergic system in temporal lobe epilepsy
- 2001 : HCL grant : PET study of 5HT_{1A} receptors in malformation of cortical development

Education

- 1981 to 1987 Lariboisière - Saint Louis medical school (Paris, France) – graduation June 1987.
- 1988 Admitted on the residency program in Neurology : April 1988 (Lyon)
- 1989 Master in Statistics and Epidemiology : June 1989 (Lyon I University)
- 1990 to 1991 Epilepsy fellowships at Montreal Neurological Institute (Canada), University of California, Los Angeles (US), and Zurich University Hospital (Switzerland)
- 1993 Master in Genetic et Cytogenetic : June 1993 (Lyon I University)
Graduated in Neurology : September 1993 (Lyon I University).
Epilepsy Fellowship at the Epilepsy Centre of Rennes (France)
- 1994 M.D. degree and thesis : October 1994 (Lyon I University).
- 1994 to 1997 Assistant Chef de Clinique at Neurological Hospital, Lyon.
Ph.D. degree in Neuroscience : October 1997 (Lyon I University)

Peer-reviewed publications indexed in PubMed

- 411 pubmed referenced publications

- H-index: Web of Science: 73; Google Scholar: 92

- Sum of times cited: Web of science: 19'723; Google Scholar: 33'231

1. Salerno A, Melissargos G, Katan M, Knoflach M, Kiechl S, Harbison J, Renieri L, Toni D, Palaodimou L, Tsivigoulis G, Ktenidis A, Mailis T, Ioannidis Y, Michel P, **Ryvlin P**; FERES collaborators. Federating European REGistries for Stroke: Principles, Data Model and Future Perspectives for a Federated Analysis of Multiple Prospective Stroke Registries. **Eur J Neurol**. 2026 Aug;33(8):e70715.
2. Duerinckx S, Gravel B, Soblet J, Legros B, Santos SF, Van Paesschen W, Rikir E; **Epi25 Collaborative**; Solve-RD DITF-EpiCARE; Aeby A, Smits G, Depondt C. Oligogenic inheritance in epilepsy: A systematic exome-wide analysis. **Epilepsia**. 2026 Aug 5. doi: 10.1002/epi.70397.
3. Diaz CS, Baghirova N, Vū DT, Can DC, Allali G, **Ryvlin P**, Chén OY. Imputation-free transformer learning enables robust Alzheimer's disease prediction and calibrated uncertainty quantification across heterogeneous clinical cohorts. **ArXiv** [Preprint]. 2026 Jul 14:arXiv:2607.11656v2.
4. Lisy T, Koren JP, Lang C, Pirker S, van Blooij D, Bourez-Swart M, Bernini A, **Ryvlin P**, Donsa K, Gritsch G, Perko H, Kluge T, Falgenhauer M, Mayr P, Lynen L, Dapunt V, Kastner P, Baumgartner C. The TeleEPI Feasibility Study. **Stud Health Technol Inform**. 2026 May 7;335:210-215
5. Beniczky S, **Ryvlin P**, Kahane P, Trinka E. Level of consciousness, wakefulness and responsiveness in epileptic seizures. **Rev Neurol** (Paris). 2026
6. Jun;182(6):563-565. Sander FW, Pittet M, Manera V, Krebs C, Brill E, Brioschi-Guevara A, **Ryvlin P**, Anguera JA, Gazzaley A, Robert P, Klöppel S, Démonet JF, Binarelli G, Sokolov AA. Mood and Age Predict Cognitive Complaints in Memory Clinic Patients: A Machine-Learning and Linear Modeling Approach. **Eur J Neurol**. 2026 Apr;33(4):e70583. doi: 10.1111/ene.70583.
7. **Ryvlin P**, Friedman D. Epilepsy advances in 2025. **Curr Opin Neurol**. 2026 Apr 1;39(2):99-100. doi: 10.1097/WCO.0000000000001474. Epub 2026 Mar 5. PMID: 41736251.
8. **Ryvlin P**, Rheims S. SUDEP update 2026: recent advances in experimental and clinical research. **Curr Opin Neurol**. 2026 Apr 1;39(2):123-130. doi: 10.1097/WCO.0000000000001463. Epub 2026 Feb 23. PMID: 41735792.
9. Brogin JAF, Faber J, **Ryvlin P**, Bueno DD. Computational modeling of seizure reconstruction and attenuation via model reference control. **Sci Rep**. 2026 Feb 19. doi: 10.1038/s41598-026-39645-7. Epub ahead of print. PMID: 41708722.
10. Ciumas C, Bouet R, Rossetti AO, Novy J, Ibarrola D, Rheims S, **Ryvlin P**. Brainstem Respiratory Center Dysfunction in Persons With Epilepsy: An fMRI Study. **Neurology**. 2026 Mar 10;106(5):e214603. doi: 10.1212/WNL.000000000000214603. Epub 2026 Feb 10. PMID: 41666341; PMCID: PMC12897080.
11. Tziakouri A, Loser V, Vicino A, Baumgartner T, Di Liberto G, Pantazou V, Bernard-Valnet R, Theaudin M, Pot C, Castro-Jimenez M, Hübsch CA, Bally J, Strambo D, Hirt L, Caranzano L, Rouaud O, Allali G, Salvioni P, Sokolov AA, Pignat JM, **Ryvlin P**, Perrenoud MP, Rossetti AO, Novy J, Beuchat I, Du Pasquier R, Michel P. Neurology : what's new in 2025. **Rev Med Suisse**. 2026 Jan 21;22(946):161-164. French.
12. Tchaicha S, Auvin S, Beniczky S, Brunklaus A, Lagae L, Perucca E, Surges R, Adler S, Helmstaedter C, Jansen F, Rubboli G, **Ryvlin P**, Specchio N, Trinka E, Blümcke I, de Giorgis V, Kotulska K, Lesca G, Malenica M, McTague A, Nabbout R, Møller RS, Arrieta SS, Brambilla I, Kosla M, Braun K, Cross JH, Arzimanoglou A. Areas of research priorities in epilepsy: A position paper of the European Reference Network for Rare and Complex

- Epilepsies, EpiCARE. **Epilepsia Open**. 2026 Feb;11(1):291-321. doi: 10.1002/epi4.70210. Epub 2026 Jan 5. PMID: 41489013; PMCID: PMC12903829.
13. **Ryvlin P**, Huot M, Valton L, Maillard L, Bartolomei F, Derambure P, Hirsch E, Michel V, Chassoux F, Petit J, Crespel A, Biraben A, Navarro V, Kahane P, De Toffol B, Thomas P, Rosenberg S, Bernini A, Charlois AL, Craciun L, Chorfa F, Ducouret P, Ferreira A, Leclercq M, Marty M, Mercedes Alvarez B, Sampaio M, Spahr A, Timestit-Kurland N, Touya M, Roy P, Rheims S; REPO2MSE study group. Seizure-related biomarkers of sudden unexpected death in epilepsy (SUDEP) in drug-resistant focal epilepsy (REPO₂MSE): a prospective, multicentre case-control study. **Lancet Neurol**. 2026 Jan;25(1):50-60. doi: 10.1016/S1474-4422(25)00379-5. Epub 2025 Nov 21. PMID: 41285145.
 14. Josephson CB, Beniczky S, Denaxas S, Ikeda A, Jehi L, Mwesige AK, Jette N, Jones GD, **Ryvlin P**, Sen A, Triki CC, Waters G, Guekht A, Cross JH. A call for ethical, equitable, and effective artificial intelligence to improve care for all people with epilepsy: A roadmap. A report by the ILAE Global Advocacy Council and Big Data Commission. **Epilepsia**. 2025 Dec 24. doi: 10.1002/epi.70058.
 15. Schouwey-Simko A, **Ryvlin P**, Gouveia A. When to suspect secondary headache? Headache management in general internal medicine. **Rev Med Suisse**. 2025 Dec 17;21(944):7-10.
 16. Beniczky S, Trinka E, Wirrell E, Singh MB, Blumenfeld H, Bogacz Fressola A, Cendes F, Craiu D, Frauscher B, Jansen FE, Kahane P, Kander V, Kishk N, Khoo CS, Lizcano A, De Palma L, **Ryvlin P**, Specchio N, Sperling MR, Tatum W, Yacubian EM, Wilmshurst J, Cross JH. A practical guide to the updated seizure classification 2025. **Epileptic Disord**. 2025 Oct 13. doi: 10.1002/epd2.70110. Epub ahead of print. PMID: 41081650.
 17. Cossu G, Sufianov R, Messerer M, **Ryvlin P**, Daniel RT, Sufianov A. Intraventricular endoscopic surgery for pediatric hypothalamic hamartomas: surgical series and literature meta-analysis. **World Neurosurg**. 2025 Sep 24:124505. doi: 10.1016/j.wneu.2025.124505. Epub ahead of print. PMID: 41005656.
 18. Ferreira J, França M, Regalo MC, Rei M, Peixoto R, Aibar JÁ, Robinson T, Matias R, Duprat F, Mantegazza M, Parlak O, **Ryvlin P**, Beniczky S, Lopes L, Perucca E, Claro J, Conde C. Artificial intelligence-driven closed-loop devices in sudden unexpected death in epilepsy prediction and prevention: Insights from persons with epilepsy and caregivers. **Epilepsia**. 2025 Sep 23. doi: 0.1111/epi.18647. Epub ahead of print.
 19. **Ryvlin P**. Seizure-induced apnoea and the risk of sudden unexpected death in epilepsy. **Lancet**. 2025 Sep 17:S0140-6736(25)01818-5.
 20. Avalos-Alais S, Jedynak M, Boyer A, Chanteloup-Forêt B, Pinheiro C, Cline CC, Parmigiani S, Alemán-Gómez Y, Hagmann P, Keller CJ, David O; F-TRACT Consortium. High-resolution electrophysiological mapping of effective connectivity of lateral prefrontal cortex. **Brain**. 2025 Sep 9:awaf317. doi: 10.1093/brain/awaf317. Epub ahead of print.
 21. Iyengar SS, O'Loughlin EK, Harte-Hargrove L, Holmay M, Lubbers LS; CURE Epilepsy SUDEP Data Standardization Project Steering Committee; Working Group Members. A companion to the development of common data elements for Sudden Unexpected Death in Epilepsy (SUDEP). **Epilepsia Open**. 2025 Aug 9. doi: 10.1002/epi4.70103. Epub ahead of print.
 22. Iyengar SS, O'Loughlin EK, Harte-Hargrove L, Holmay M, Lubbers LS; CURE Epilepsy SUDEP Data Standardization Project Steering Committee; CURE Epilepsy SUDEP Data Standardization Project Working Group Members. Enhancing sudden unexpected death in epilepsy (SUDEP) research through development of common data elements. **Epilepsia Open**. 2025 Aug 4. doi: 10.1002/epi4.70105. Epub ahead of print..
 23. Ellmeier W, Meijer M, Madrignani M, Simulescu L, Karlsen TH, Macintyre E; members of the BioMed Alliance Health Research Committee. Shaping the future of European health research: policy recommendations of the Biomedical Alliance in Europe for Framework Programme 10 and beyond. **FEBS Lett**. 2025 May 27. doi: 10.1002/1873-3468.70079.
 24. Gantenbein AR, Kamm CP, Schankin CJ, Zecca C, Zieglgänsberger D, Pohl H, **Ryvlin P**, Agosti R, Viceic D, Parzini C, Kulartz-Schank M, Arzt ME. Swiss Quality of Life and Health Care Impact Assessment in a Real-World Erenumab- Treated Migraine Population: Results over 2 years. **Headache**. 2025 Apr 30. doi: 10.1111/head.14943.
 25. Rheims S, Chorfa F, Michel V, Hirsch E, Maillard L, Valton L, Bartolomei F, Derambure P, Navarro V, Biberon J, Crespel A, Nica A, Martin ML, Mazzola L, Petit J, Rossero V, Boulogne S,

- Leclercq M, Bezin L, Mercier C, Roy P, **Ryvlin P**; ENALEPSY Study Group. Efficacy of naloxone in reducing hypoxemia and duration of immobility following focal to bilateral tonic-clonic seizures. **Epilepsia Open**. 2025 Jun;10(3):880-893.
26. Beniczky S, Lhatoo S, Sperling MR, **Ryvlin P**. Artificial intelligence, digital technology, and mobile health in epilepsy. **Epilepsia**. 2025 Apr 26. doi: 10.1111/epi.18435.
 27. Spahr A, Bernini A, Ducouret P, Baumgartner C, Koren JP, Imbach L, Beniczky S, Larsen SA, Rheims S, Fabricius M, Seeck M, Steinhoff BJ, Beuchat I, Dan J, Atienza DA, Bardyn CE, **Ryvlin P**. Deep learning-based detection of generalized convulsive seizures using a wrist-worn accelerometer. **Epilepsia**. 2025 Apr 23. doi: 10.1111/epi.18406.
 28. Beniczky S, Trinka E, Wirrell E, Abdulla F, Al Baradie R, Alonso Vanegas M, Auvin S, Singh MB, Blumenfeld H, Bogacz Fressola A, Caraballo R, Carreno M, Cendes F, Charway A, Cook M, Craiu D, Ezeala-Adikaibe B, Frauscher B, French J, Gule MV, Higurashi N, Ikeda A, Jansen FE, Jobst B, Kahane P, Kishk N, Khoo CS, Vinayan KP, Lagae L, Lim KS, Lizcano A, McGonigal A, Perez-Gosiengfiao KT, **Ryvlin P**, Specchio N, Sperling MR, Stefan H, Tatum W, Tripathi M, Yacubian EM, Wiebe S, Wilmshurst J, Zhou D, Cross JH. Updated classification of epileptic seizures: Position paper of the International League Against Epilepsy. **Epilepsia**. 2025 Jun;66(6):1804-1823.
 29. Leu C, Avbersek A, Stevelink R, Custodio HM, Chen S, Speed D, Bennett CA, Jonsson L, Unnsteinsdóttir U, Jorgensen AL, Cavalleri GL, Delanty N, Craig JJ, Depondt C, Johnson MR, Koeleman BPC, Hassanin E, Omidvar ME, Krause R, Lerche H, Marson AG, O'Brien TJ, Sander JW, Sills GJ, Striano P, Zara F, Stefansson H, Stefansson K, May P, Neale BM, Lal D, Berkovic SF; **Epi25 Collaborative**; EpiPGX Consortium; Sisodiya SM. Genome-wide association meta-analyses of drug-resistant epilepsy. **EBioMedicine**. 2025 May;115:105675. doi: 10.1016/j.ebiom.2025.105675.
 30. Salvioni Chiabotti P, Bommarito G, Michel P, Pizzarotti B, Piazza F, Agosta F, Jox RJ, Wieser S, **Ryvlin P**, Frisoni GB, Dubois B, Rouaud O, Allali G. Anti- Amyloid Treatments: A Therapeutic Revolution, Ready for Europe. **Neurodegener Dis**. 2025 Apr 14:1-7.
 31. **Ryvlin P**. SEEG in 2025: progress and pending challenges in stereotaxy methods, biomarkers and radiofrequency thermocoagulation. **Curr Opin Neurol**. 2025 Feb 11. Doi 10.1097/WCO.0000000000001351. Epub ahead of print. PMID: 39927419.
 32. Baumgartner T, Di Liberto G, Loser V, Vicino A, Théaudin M, Castro-Jiménez M, Hübsch CA, Bally J, Pignat JM, Sokolov AA, Strambo D, Hirt L, Michel P, Rouaud, O, Allali G, Novy J, Rossetti A, **Ryvlin P**, Bernard-Valnet R, Pot Kreis C, Du Pasquier R. Neurology: what's new in 2024. **Rev Med Suisse**. 2025 Jan 15;21(900-1):59-62.
 33. Fischer EL, Renaud A, Grivaz P, Di Liberto G, **Ryvlin P**, Cavassini M, Du Pasquier RA, Sokolov AA. Advances in assessment and cognitive neurorehabilitation of HIV-related neurocognitive impairment. **Brain Commun**. 2024 Dec 26;7(1):fcae399.
 34. **Epi25 Collaborative**. Exome sequencing of 20,979 individuals with epilepsy reveals shared and distinct ultra-rare genetic risk across disorder subtypes. **Nat Neurosci**. 2024 Oct;27(10):1864-1879. doi: 10.1038/s41593-024-01747-8. Epub 2024 Oct 3. PMID: 39363051.
 35. Ferreira J, Peixoto R, Lopes L, Beniczky S, **Ryvlin P**, Conde C, Claro J. User involvement in the design and development of medical devices in epilepsy: A systematic review. **Epilepsia Open**. 2024 Sep 26. doi: 10.1002/epi4.13038. Epub ahead of print. PMID: 39324505.
 36. Dan J, Pale U, Amirshahi A, Cappelletti W, Ingolfsson TM, Wang X, Cossetti A, Bernini A, Benini L, Beniczky S, Atienza D, **Ryvlin P**. SzCORE: Seizure Community Open-Source Research Evaluation framework for the validation of electroencephalography-based automated seizure detection algorithms. **Epilepsia**. 2024 Sep 18. doi: 10.1111/epi.18113. Epub ahead of print. PMID: 39292446.
 37. de Goumoëns V, Bruyere K, Rutz D, Pasquier J, Bettex YO, Vasserot K, **Ryvlin P**, Ramelet AS. Caring for Families of Patients With Acquired Brain Injury Early During Hospitalization: A Feasibility Study of the SAFIR[©] Intervention. **J Fam Nurs**. 2024 Aug;30(3):255-266. doi: 10.1177/10748407241270034. PMID: 39268852; PMCID: PMC11447994.
 38. Astner-Rohracher A, Ho A, Archer J, Bartolomei F, Brazdil M, Cacic Hribljan M, Castellano J, Dolezalova I, Fabricius ME, Garcés-Sánchez M, Hammam K, Ikeda A, Ikeda K, Kahane P, Kalamangalam G, Kalss G, Khweileh M, Kobayashi K, Kwan P, Laing JA, Leitinger M, Lhatoo S, Makhalova J, McGonigal A, Mindruta I, Mizera MM, Neal A, Oane I, Parikh P, Perucca P, Pizzo

- F, Rocamora R, **Ryvlin P**, San Antonio Arce V, Schuele S, Schulze-Bonhage A, Suller Marti A, Urban A, Villanueva V, Vilella Bertran L, Whatley B, Beniczky S, Trinkka E, Zimmermann G, Frauscher B. Prognostic value of the 5-SENSE Score to predict focality of the seizure-onset zone as assessed by stereoelectroencephalography: a prospective international multicentre validation study. **BMJ Neurol Open**. 2024 Aug 21;6(2):e000765. doi: 10.1136/bmjno-2024-000765. PMID: 39175939; PMCID: PMC11340713.
39. Gil-Nagel A, Cross JH, Devinsky O, Ceulemans B, Lagae L, Knupp K, Schoonjans AS, **Ryvlin P**, Thiele EA, Polega S, Lothe A, Nabbout R. Comprehensive scoping review of fenfluramine's role in managing generalized tonic-clonic seizures in developmental and epileptic encephalopathies. **Epilepsia**. 2024 Aug;65(8):2186-2199. doi: 10.1111/epi.18020. Epub 2024 Jun 21. PMID: 39030735.
 40. Gantenbein AR, Bonvin C, Kamm CP, Schankin CJ, Zecca C, Zieglgänsberger D, Merki-Feld GS, Pohl H, Rudolph N, **Ryvlin P**, Agosti R, Schäfer E, Meyer I, Kulartz-Schank M, Arzt ME. Implications of therapy interruption on monthly migraine days and modified migraine disability assessment in patients treated with erenumab for chronic and episodic migraine: SQUARE study interim results. **J Neurol**. 2024 Aug;271(8):5402-5410. doi: 10.1007/s00415-024-12470-6. Epub 2024 Jun 13. PMID: 38871822; PMCID: PMC11319406.
 41. Kaufmann E, Peltola J, Colon AJ, Lehtimäki K, Majtanik M, Mai JK, Bóné B, Bentes C, Coenen V, Gil-Nagel A, Goncalves-Ferreira AJ, **Ryvlin P**, Taylor R, Brionne TC, Gielen F, Song S, Boon P; MORE study group. Long-term evaluation of anterior thalamic deep brain stimulation for epilepsy in the European MORE registry. **Epilepsia**. 2024 Aug;65(8):2438-2458. doi: 10.1111/epi.18003. Epub 2024 Jun 5. PMID: 38837755.
 42. Amunts K, Axer M, Banerjee S, Bitsch L, Bjaalie JG, Brauner P, Brovelli A, Calarco N, Carrere M, Caspers S, Charvet CJ, Cichon S, Cools R, Costantini I, D'Angelo EU, De Bonis G, Deco G, DeFelipe J, Destexhe A, Dickscheid T, Diesmann M, Düzel E, Eickhoff SB, Einevoll G, Eke D, Engel AK, Evans AC, Evers K, Fedorchenko N, Forkel SJ, Fousek J, Friederici AD, Friston K, Furber S, Geris L, Goebel R, Güntürkün O, Hamid AIA, Herold C, Hilgetag CC, Hölter SM, Ioannidis Y, Jirsa V, Kashyap S, Kasper BS, d'Exaerde AK, Kooijmans R, Koren I, Kotaleski JH, Kiar G, Klijn W, Klüver L, Knoll AC, Krsnik Z, Kämpfer J, Larkum ME, Linne ML, Lippert T, Abdullah JM, Maio PD, Magielse N, Maquet P, Mascaro ALA, Marinazzo D, Mejias J, Meyer-Lindenberg A, Migliore M, Michael J, Morel Y, Morin FO, Muckli L, Nagels G, Oden L, Palomero-Gallagher N, Panagiotaropoulos F, Paolucci PS, Pennartz C, Peeters LM, Petkov N, Petrov LS, Petrovici MA, Pezzulo G, Roelfsema P, Ris L, Ritter P, Rockland K, Rotter S, Rowald A, Ruland S, **Ryvlin P**, Salles A, Sanchez-Vives MV, Schemmel J, Senn W, de Sousa AA, Ströckens F, Thirion B, Uludağ K, Vanni S, van Albada SJ, Vanduffel W, Vezoli J, Vincenz-Donnelly L, Walter F, Zaborszky L. The coming decade of digital brain research: A vision for neuroscience at the intersection of technology and computing. **Imaging Neurosci** (Camb). 2024 Apr 18;2:imag-2-00137. doi: 10.1162/imag_a_00137. PMID: 40800542; PMCID: PMC12247565.
 43. Vũ DT, Diaz CS, Bodelet JS, Phan H, Allali G, Nguyen VD, Cao H, He X, Müller Y, Zhi B, Shou H, Zhang H, He W, Wang X, Munafò M, Trung NL, Nagels G, **Ryvlin P**, Pantaleo G, Chén OY. Alzheimer's Disease Neuroimaging Initiative. Residual Partial Least Squares Learning: Brain Cortical Thickness Simultaneously Predicts Eight Non-pairwise-correlated Behavioural and Disease Outcomes in Alzheimer's Disease. **bioRxiv** [Preprint]. 2024 Mar 27:2024.03.11.584383. doi: 10.1101/2024.03.11.584383. PMID: 38559263; PMCID: PMC10979899.
 44. **Ryvlin P**. Editorial: Epilepsy advances in 2023. **Curr Opin Neurol**. 2024 Apr 1;37(2):97-98.
 45. **Ryvlin P**, Barba C, Bartolomei F, Baumgartner C, Brazdil M, Fabo D, Fahoum F, Frauscher B, Ikeda A, Lhatoo S, Mani J, McGonigal A, Metsahonkala EL, Mindruta I, Nguyen DK, Rheims S, Rocamora R, Rydenhag B, Schuele S, Schulze-Bonhage A, Surges R, Vulliemoz S, Beniczky S. Grading system for assessing the confidence in the epileptogenic zone reported in published studies: A Delphi consensus study. **Epilepsia**. 2024 Feb 29. doi: 10.1111/epi.17928. Epub ahead of print. PMID: 38420750.
 46. Bernini A, Dan J, **Ryvlin P**. Ambulatory seizure detection. **Curr Opin Neurol**. 2024 Feb 8. doi: 10.1097/WCO.0000000000001248. Epub ahead of print. PMID: 38328946.
 47. Pale U, Teijeiro T, Rheims S, **Ryvlin P**, Atienza D. Combining general and personal models for epilepsy detection with hyperdimensional computing. **Artif Intell Med**. 2024 Feb;148:102754. doi: 10.1016/j.artmed.2023.102754. Epub 2024 Jan 5. PMID: 38325932.
 48. Ingolfsson TM, Benatti S, Wang X, Bernini A, Ducouret P, **Ryvlin P**, Beniczky S, Benini L, Cossettini A. Minimizing artifact-induced false-alarms for seizure detection in wearable EEG

- devices with gradient-boosted tree classifiers. **Sci Rep**. 2024 Feb 5;14(1):2980. doi: 10.1038/s41598-024-52551-0. PMID: 38316856; PMCID: PMC10844293.
49. Vlachou M, **Ryvlin P**, Armand Larsen S, Beniczky S. Focal electroclinical features in generalized tonic-clonic seizures: Decision flowchart for a diagnostic challenge. **Epilepsia**. 2024 Jan 27. doi: 10.1111/epi.17895. Epub ahead of print. PMID: 38279904.
 50. Busia P, Cossetini A, Ingolfsson TM, Benatti S, Burrello A, Jung VJB, Scherer M, Scrugli MA, Bernini A, Ducouret P, **Ryvlin P**, Meloni P, Benini L. Reducing False Alarms in Wearable Seizure Detection with EEGformer: A Compact Transformer Model for MCUs. **IEEE Trans Biomed Circuits Syst**. 2024 Jan 23;PP. doi: 10.1109/TBCAS.2024.3357509. Epub ahead of print. PMID: 38261487.
 51. Pizzarotti B, Buhler-Heintze A, Allali G, Rouaud O, Bally J, Michel P, Hirt L, Théaudin M, Pot Kreis C, **Ryvlin P**, Sokolov A, Rossetti A, Novy J, Du Pasquier R. Neurologie: ce qui a changé en 2023 [Neurology: what's new in 2023]. **Rev Med Suisse**. 2024 Jan 17;20(856-7):72-75. French. doi: 10.53738/REVMED.2024.20.856-7.72. PMID: 38231105.
 52. Kujala J, Ciumas C, Jung J, Bouvard S, Lecaigard F, Lothe A, Bouet R, **Ryvlin P**, Jerbi K. GABAergic inhibition shapes behavior and neural dynamics in human visual working memory. **Cereb Cortex**. 2024 Jan 31;34(2):bhad522. doi: 10.1093/cercor/bhad522. PMID: 38186005; PMCID: PMC10839845.
 53. Frauscher B, Mansilla D, Abdallah C, Astner-Rohracher A, Beniczky S, Brazdil M, Gnatkovsky V, Jacobs J, Kalamangalam G, Perucca P, **Ryvlin P**, Schuele S, Tao J, Wang Y, Zijlmans M, McGonigal A. Learn how to interpret and use intracranial EEG findings. **Epileptic Disord**. 2024 Feb;26(1):1-59. doi: 10.1002/epd2.20190. Epub 2024 Feb 13. PMID: 38116690.
 54. Beniczky S, **Ryvlin P**. Mobile health and digital technology in epilepsy: The dawn of a new era. **Epilepsia**. 2023 Dec;64 Suppl 4:S1-S3. doi: 10.1111/epi.17813. Epub 2023 Nov 28. PMID: 37921045
 55. International League Against Epilepsy Consortium on Complex Epilepsies. GWAS meta-analysis of over 29,000 people with epilepsy identifies 26 risk loci and subtype-specific genetic architecture. **Nat Genet**. 2023 Sep;55(9):1471-1482
 56. Zelano J, Beniczky S, **Ryvlin P**, Surges R, Tomson T; ILAE SUDEP Task Force. Report of the ILAE SUDEP Task Force on national recommendations and practices around the world regarding use of wearable seizure detection devices: A global survey. **Epilepsia Open**. 2023 Aug 11. doi: 10.1002/epi4.12801. Epub ahead of print. PMID: 37567865.
 57. Montanucci L, Lewis-Smith D, Collins RL, Niestroj LM, Parthasarathy S, Xian J, Ganesan S, Macnee M, Brünger T, Thomas RH, Talkowski M; **Epi25 Collaborative**; Helbig I, Leu C, Lal D. Genome-wide identification and phenotypic characterization of seizure-associated copy number variations in 741,075 individuals. **Nat Commun**. 2023 Jul 20;14(1):4392. doi: 10.1038/s41467-023-39539-6. PMID: 37474567; PMCID: PMC10359300.
 58. Peltola J, Colon AJ, Pimentel J, Coenen VA, Gil-Nagel A, Gonçalves Ferreira A, Lehtimäki K, **Ryvlin P**, Taylor RS, Ackermans L, Ardesch J, Bentes C, Bosak M, Burneo JG, Chamadoira C, Elger CE, Eröss L, Fabo D, Faulkner H, Gawlowicz J, Gharabaghi A, Iacoangeli M, Janszky J, Järvenpää S, Kaufmann E, Kho KH, Kumlien E, Laufs H, Lettieri C, Linhares P, Noachtar S, Parrent A, Pataria E, Patel NK, Peralta AR, Rácz A, Campos AR, Rego R, Ricciuti RA, Rona S, Rouhl RPW, Schulze- Bonhage A, Schuurman R, Sprengers M, Sufianov A, Temel Y, Theys T, Van Paesschen W, Van Roost D, Vaz R, Vonck K, Wagner L, Zwemmer J, Abouihia A, Brionne TC, Gielen F, Boon PAJM; MORE Study Group. Deep Brain Stimulation of the Anterior Nucleus of the Thalamus in Drug-Resistant Epilepsy in the MORE Multicenter Patient Registry. **Neurology**. 2023 May 2;100(18):e1852-e1865. doi: 10.1212/WNL.0000000000206887. Epub 2023 Mar 16. PMID: 36927882; PMCID: PMC10159763.
 59. Diserens K, Meyer IA, Jöhr J, Pincherle A, Dunet V, Pozeg P, **Ryvlin P**, Mureşanu DF, Stevens RD, Schiff ND. A Focus on Subtle Signs and Motor Behavior to Unveil Awareness in Unresponsive Brain-Impaired Patients: The Importance of Being Clinical. **Neurology**. 2023 Jun 13;100(24):1144-1150. doi: 10.1212/WNL.0000000000207067. Epub 2023 Feb 28. PMID: 36854621; PMCID: PMC10264055.
 60. Pozeg P, Alemán-Gómez Y, Jöhr J, Muresanu D, Pincherle A, **Ryvlin P**, Hagmann P, Diserens K, Dunet V. Structural connectivity in recovery after coma: Connectome atlas approach. **Neuroimage Clin**. 2023;37:103358. doi: 10.1016/j.nicl.2023.103358. Epub 2023 Feb 24. PMID: 36868043; PMCID: PMC9996111.

61. Agosti R, Parzini C, Findling O, Myers P, Petersen JA, **Ryvlin P**, Sandor P, Stallmach M, Zecca C, Snellman J, Ritter S, Arzt ME, Rohrer S, Gantenbein AR. Prevalence and Burden of Migraine in Switzerland: Cross-Sectional Study in ten Specialised Headache Centres from the BECOME Study. **Pain Ther**. 2023 Apr;12(2):575-591. doi: 10.1007/s40122-023-00484-3. Epub 2023 Feb 26. PMID: 36842093; PMCID: PMC10036704.
62. Ciumas C, Bolay M, Bouet R, Rheims S, Ibarrola D, Hampson JP, Lhatoo SD, **Ryvlin P**. Subject-Specific Activation of Central Respiratory Centers during Breath-Holding Functional Magnetic Resonance Imaging. **Respiration**. 2023;102(4):274-286. doi: 10.1159/000529388. Epub 2023 Feb 7. PMID: 36750046.
63. Bouvy C, Caranzano L, Allali G, Bally J, Benninger D, Beuchat I, Castro Jimenez M, Di Virgilio G, Hirt L, Michel P, Novy J, Pot Kreis C, Rossetti A, Rouaud O, **Ryvlin P**, Salvioni Chiabotti P, Sokolov A, Strambo D, Théaudin M, Du Pasquier R. Neurologie : ce qui a changé en 2022 [Neurology: what's new in 2022]. **Rev Med Suisse**. 2023 Jan 18;19(N° 809-10):42-45. French. doi: 10.53738/REVMED.2023.19.809-10.42. PMID: 36660836.
64. Henshall DC, Arzimanoglou A, Dedeurwaerdere S, Guerrini R, Jozwiak S, Kokaia M, Lerche H, Pitkänen A, **Ryvlin P**, Simonato M, Sisodiya SM. Shaping the future of European epilepsy research: Final meeting report from EPICLUSTER. **Epilepsy Res**. 2023 Jan;189:107068. doi: 10.1016/j.eplepsyres.2022.107068. Epub 2022 Dec 18. PMID: 36549242.
65. Gantenbein AR, Agosti R, Kamm CP, Landmann G, Meier N, Merki-Feld GS, Petersen JA, Pohl H, **Ryvlin P**, Schankin CJ, Viceic D, Zecca C, Schäfer E, Meyer I, Arzt ME. Swiss QUality of life and healthcare impact Assessment in a Real- world Erenumab treated migraine population (SQUARE study): interim results. **J Headache Pain**. 2022 Nov 18;23(1):142. doi: 10.1186/s10194-022-01515-8. Erratum in: J Headache Pain. 2022 Dec 19;23(1):161. PMID: 36401172; PMCID: PMC9673191.
66. Mitchell JW, Noble A, Baker G, Batchelor R, Brigo F, Christensen J, French J, Gil-Nagel A, Guekht A, Jette N, Kälviäinen R, Leach JP, Maguire M, O'Brien T, Rosenow F, **Ryvlin P**, Tittensor P, Tripathi M, Trinka E, Wiebe S, Williamson PR, Marson T. Protocol for the development of an international Core Outcome Set for treatment trials in adults with epilepsy: the EPilepsy outcome Set for Effectiveness Trials Project (EPSET). **Trials**. 2022 Nov 17;23(1):943. doi: 10.1186/s13063-022-06729-4. PMID: 36397081; PMCID: PMC9670528.
67. Kløvgaard M, Sabers A, **Ryvlin P**. Update on Sudden Unexpected Death in Epilepsy. **Neurol Clin**. 2022 Nov;40(4):741-754. doi: 10.1016/j.ncl.2022.06.001. Epub 2022 Sep 28. PMID: 36270688.
68. Vlachou M, **Ryvlin P**, Arbune AA, Armand Larsen S, Sidaros AS, Hribljan MC, Fabricius M, Beniczky S. Progressive slowing of clonic phase predicts postictal generalized EEG suppression. **Epilepsia**. 2022 Oct 8. doi: 10.1111/epi.17434. Epub ahead of print. PMID: 36208032.
69. Ciumas C, Rheims S, **Ryvlin P**. fMRI studies evaluating central respiratory control in humans. **Front Neural Circuits**. 2022 Sep 23;16:982963. doi: 10.3389/fncir.2022.982963. PMID: 36213203; PMCID: PMC9537466.
70. Serrand C, Rheims S, Faucanié M, Crespel A, Dinkelacker V, Szurhaj W, Biraben A, Bartolomei F, de Grissac N, Landré E, Denuelle M, Vercueil L, Marchal C, Maillard L, Derambure P, Dupont S, Navarro V, Mura T, Jaussent A, Macioce V, **Ryvlin P**, Picot MC. Stratifying sudden death risk in adults with drug-resistant focal epilepsy: The SUDEP-CARE score. **Eur J Neurol**. 2022 Sep 12. doi: 10.1111/ene.15566. Epub ahead of print. PMID: 36094672
71. Jung J, Bouet R, Catenoix H, Montavont A, Isnard J, Boulogne S, Guénou M, **Ryvlin P**, Rheims S. Peri-ictal hypoxemia during temporal lobe seizures: A SEEG study. **Hum Brain Mapp**. 2022 Oct 15;43(15):4580-4588. doi: 10.1002/hbm.25975. Epub 2022 Jun 15. PMID: 35703584; PMCID: PMC9491280
72. Taylor C, Tudur-Smith C, Dixon P, Linehan C, Gunko A, Christensen J, Pearson M, Tomson T, Marson A; ESBACE consortium and EuroNASH collaborators. Care in Europe after presenting to the emergency department with a seizure; position paper and insights from the European Audit of Seizure Management in Hospitals. **Eur J Neurol**. 2022 Jul;29(7):1873-1884. doi: 10.1111/ene.15336. Epub 2022 May 7. PMID: 35340074; PMCID: PMC9324798.
73. Rheims S, Sperling M, **Ryvlin P**. Drug-Resistant Epilepsy and Mortality-Why and when do neuromodulation and epilepsy surgery reduce overall mortality. **Epilepsia**. 2022 Sep 17. doi: 10.1111/epi.17413. Epub ahead of print. PMID: 36114753.

74. **Ryvlin P**, Dimova S, Elmoufti S, Floricel F, Laloyaux C, Nondonfaz X, Biton V. Tolerability and efficacy of adjunctive brivaracetam in adults with focal seizures by concomitant antiseizure medication use: Pooled results from three phase 3 trials. **Epilepsia**. 2022 Aug;63(8):2024-2036. doi: 10.1111/epi.17304. Epub 2022 Jun 10. PMID: 35582748; PMCID: PMC9541390.
75. Kouchi H, Ogier M, Dieuset G, Morales A, Georges B, Rouanet JL, Martin B, **Ryvlin P**, Rheims S, Bezin L. Respiratory dysfunction in two rodent models of chronic epilepsy and acute seizures and its link with the brainstem serotonin system. **Sci Rep**. 2022 Jun 17;12(1):10248. doi: 10.1038/s41598-022-14153-6. PMID: 35715469; PMCID: PMC9205882.
76. Lemaréchal JD, Jedynak M, Trebaul L, Boyer A, Tadel F, Bhattacharjee M, Deman P, Tuyisenge V, Ayoubian L, Hugues E, Chanteloup-Forêt B, Saubert C, Zoughech R, Reyes Mejia GC, Tourbier S, Hagmann P, Adam C, Barba C, Bartolomei F, Blauwblomme T, Curot J, Dubeau F, Francione S, Garcés M, Hirsch E, Landré E, Liu S, Maillard L, Metsähonkala EL, Mindruta I, Nica A, Pail M, Petrescu AM, Rheims S, Rocamora R, Schulze-Bonhage A, Szurhaj W, Taussig D, Valentin A, Wang H, Kahane P, George N, David O; F-TRACT consortium. A brain atlas of axonal and synaptic delays based on modelling of cortico-cortical evoked potentials. **Brain**. 2022 Jun 3;145(5):1653-1667. doi: 10.1093/brain/awab362. PMID: 35416942; PMCID: PMC9166555.
77. Beniczky S, Tatum WO, Blumenfeld H, Stefan H, Mani J, Maillard L, Fahoum F, Vinayan KP, Mayor LC, Vlachou M, Margitta S, **Ryvlin P**, Philippe K. Seizure semiology: ILAE glossary of terms and their significance. **Epileptic Disord**. 2022 Jun 1;24(3):447-495. English. doi: 10.1684/epd.2022.1430. PMID: 35770761.
78. Barba C, Rheims S, Minotti L, Grisotto L, Chabardès S, Guenot M, Isnard J, Pellacani S, Hermier M, **Ryvlin P**, Kahane P. Surgical outcome of temporal plus epilepsy is improved by multilobar resection. **Epilepsia**. 2022 Apr;63(4):769-776. doi: 10.1111/epi.17185. Epub 2022 Feb 15. PMID: 35165888.
79. Amunts K, DeFelipe J, Pennartz C, Destexhe A, Migliore M, **Ryvlin P**, Furber S, Knoll A, Bitsch L, Bjaalie JG, Ioannidis Y, Lippert T, Sanchez-Vives MV, Goebel R, Jirsa V. Linking Brain Structure, Activity, and Cognitive Function through Computation. **eNeuro**. 2022 Mar 11;9(2):ENEURO.0316-21.2022. doi: 10.1523/ENEURO.0316-21.2022. PMID: 35217544; PMCID: PMC8925650.
80. Sopic D, Teijeiro T, Atienza D, Aminifar A, **Ryvlin P**. Personalized seizure signature: An interpretable approach to false alarm reduction for long-term epileptic seizure detection. **Epilepsia**. 2022 Feb 3. doi: 10.1111/epi.17176. Epub ahead of print. PMID: 35113451.
81. Omboni S, Padwal RS, Alessa T, Benczúr B, Green BB, Hubbard I, Kario K, Khan NA, Konradi A, Logan AG, Lu Y, Mars M, McManus RJ, Melville S, Neumann CL, Parati G, Renna NF, **Ryvlin P**, Saner H, Schutte AE, Wang J. The worldwide impact of telemedicine during COVID-19: current evidence and recommendations for the future. **Connect Health**. 2022 Jan 4;1:7-35.
82. **Ryvlin P**, Jehi LE. Neuromodulation for Refractory Epilepsy. **Epilepsy Curr**. 2021 Dec 15;22(1):11-17.
83. Amunts K, DeFelipe J, Pennartz C, Destexhe A, Migliore M, **Ryvlin P**, Furber S, Knoll A, Bitsch L, Bjaalie JG, Ioannidis Y, Lippert T, Sanchez-Vives MV, Goebel R, Jirsa V. Linking Brain Structure, Activity, and Cognitive Function through Computation. **eNeuro**. 2022 Mar 11;9(2):ENEURO.0316-21.2022.
84. Vicino A, Allali G, Bally J, Castro Jimenez M, Chiabotti Salvioni P, Hirt L, Hottinger A, Michel P, Novy J, Pot Kreis C, Rossetti A, Rouaud O, **Ryvlin P**, Théaudin M, Du Pasquier R. Neurologie [Neurology : what's new in 2021]. **Rev Med Suisse**. 2022 Jan 19;18(764-5):51-55.
85. Bourgeois-Vionnet J, **Ryvlin P**, Elsensohn MH, Michel V, Valton L, Derambure P, Frazzini V, Hirsch E, Maillard L, Bartolomei F, Biberon J, Petit J, Biraben A, Crespel A, Thomas P, Lemesle-Martin M, Convers P, Leclercq M, Boulogne S, Roy P, Rheims S; SAVE study Group. Coffee consumption and seizure frequency in patients with drug-resistant focal epilepsy. **Epilepsy Behav**. 2021 Dec 17;126:108486. doi: 10.1016/j.yebeh.2021.108486. Epub ahead of print. PMID: 34929474.
86. Henshall DC, Guerrini R, Jozwiak S, Kokaia M, Pitkanen A, Sisodiya S, Simonato M, Cross JH, **Ryvlin P**, Brodie MJ, Trinka E, Sofia F. Meeting report: EpiXchange II brings together European epilepsy research projects to discuss latest advances. **Epilepsy Res**. 2021 Dec;178:106811. doi: 10.1016/j.eplepsyres.2021.106811. Epub 2021 Nov 14. PMID: 34814066.

87. Thijs RD, **Ryvlin P**, Surges R. Autonomic manifestations of epilepsy: emerging pathways to sudden death? **Nat Rev Neurol**. 2021 Dec;17(12):774-788.
88. **Ryvlin P**, Rheims S, Hirsch LJ, Sokolov A, Jehi L. Neuromodulation in epilepsy: state-of-the-art approved therapies. **Lancet Neurol**. 2021 Dec;20(12):1038-1047.
89. Hubbard I, Beniczky S, **Ryvlin P**. The Challenging Path to Developing a Mobile Health Device for Epilepsy: The Current Landscape and Where We Go From Here. **Front Neurol**. 2021 Oct 1;12:740743.
90. Kløvgaard M, Lynge TH, Tsiropoulos I, Uldall PV, Banner J, Winkel BG, **Ryvlin P**, Tfelt-Hansen J, Sabers A. Epilepsy-Related Mortality in Children and Young Adults in Denmark: A Nationwide Cohort Study. **Neurology**. 2021 Nov 18;10.1212/WNL.0000000000013068. doi: 10.1212/WNL.0000000000013068. Epub ahead of print. PMID: 34795050.
91. **Epi25 Collaborative**. Sub-genic intolerance, ClinVar, and the epilepsies: A whole-exome sequencing study of 29,165 individuals. **Am J Hum Genet**. 2021 Oct 7;108(10):2024. doi: 10.1016/j.ajhg.2021.08.008.
92. Nobili L, Beniczky S, Eriksson SH, Romigi A, **Ryvlin P**, Toledo M, Rosenzweig I. Expert Opinion: Managing sleep disturbances in people with epilepsy. **Epilepsy Behav**. 2021 Oct 4;124:108341. doi: 10.1016/j.yebeh.2021.108341.
93. de Goumoëns V, Ayigah K, Joye D, **Ryvlin P**, Ramelet AS. The Development of an Early Intervention for Supporting Families of Persons With Acquired Brain Injuries: The SAFIR Intervention. **J Fam Nurs**. 2021 Oct 7:10748407211048217. doi: 10.1177/10748407211048217.
94. Kløvgaard M, Lynge TH, Tsiropoulos I, Uldall PV, Banner J, Winkel BG, **Ryvlin P**, Tfelt-Hansen J, Sabers A. Comparing Seizure-Related Death and Suicide in Younger Adults with Epilepsy. **Ann Neurol**. 2021 Sep 26. doi: 10.1002/ana.26227. Epub ahead of print.
95. Linehan C, Benson A, Gunko A, Christensen J, Sun Y, Tomson T, Marson A, Forsgren L, Trinka E, Iliescu C, Althoehn Sonderup J, Werenberg Dreier J, Sandu C, Leanca M, Rainer L, Kobulashvili T, Granbichler CA, Delanty N, Doherty C, Staines A, Shahwan A; ESBACE Consortium and Collaborators. Exploring the prevalence and profile of epilepsy across Europe using a standard retrospective chart review: Challenges and opportunities. **Epilepsia**. 2021 Sep 2. doi: 10.1111/epi.17057.
96. Kløvgaard M, Lynge TH, Tsiropoulos I, Uldall PV, Banner J, Winkel BG, **Ryvlin P**, Tfelt-Hansen J, Sabers A. Sudden unexpected death in epilepsy in persons younger than 50 years: A retrospective nationwide cohort study in Denmark. **Epilepsia**. 2021 Aug 21. doi: 10.1111/epi.17037.
97. Bjellvi J, Cross JH, Gogou M, Leclercq M, Rheims S, **Ryvlin P**, Sperling MR, Rydenhag B, Malmgren K. Classification of complications of epilepsy surgery and invasive diagnostic procedures: A proposed protocol and feasibility study. **Epilepsia**. 2021 Aug 18. doi: 10.1111/epi.17040.
98. Schneider C, Marquis R, Jöhr J, Lopes da Silva M, **Ryvlin P**, Serino A, De Lucia M, Diserens K. Disentangling the percepts of illusory movement and sensory stimulation during tendon vibration in the EEG. **Neuroimage**. 2021 Nov 1;241:118431. doi:10.1016/j.neuroimage.2021.118431.
99. Gabeff V, Teijeiro T, Zapater M, Cammoun L, Rheims S, **Ryvlin P**, Atienza D. Interpreting deep learning models for epileptic seizure detection on EEG signals. **Artif Intell Med**. 2021 Jul;117:102084. doi: 10.1016/j.artmed.2021.102084.
100. Cardinale F, Kahane P, Francione S, **Ryvlin P**. Letter to the Editor. No need to change the nomenclature of stereoelectroencephalography. **J Neurosurg Pediatr**. 2021 May 21:1-2. doi: 10.3171/2021.2.
101. **Epi25 Collaborative**. Sub-genic intolerance, ClinVar, and the epilepsies: A whole-exome sequencing study of 29,165 individuals. **Am J Hum Genet**. 2021 Jun 3;108(6):965-982.
102. Pozeg P, Jöhr J, Pincherle A, Marie G, **Ryvlin P**, Meuli R, Hagmann P, Diserens K, Dunet V. Discriminating cognitive motor dissociation from disorders of consciousness using structural MRI. **Neuroimage Clin**. 2021 Mar 29;30:102651. doi:10.1016/j.nicl.2021.
103. Guerrero AL, Negro A, **Ryvlin P**, Skorobogatykh K, Sanchez-De La Rosa R, Israel-Willner H, Sundal C, MacGregor EA. Need of guidance in disabling and chronic migraine identification in

- the primary care setting, results from the european MyLife anamnesis survey. **BMC Fam Pract.** 2021 Mar 20;22(1):54.
104. Beniczky S, Wiebe S, Jeppesen J, Tatum WO, Brazdil M, Wang Y, Herman ST, **Ryvlin P**. Automated seizure detection using wearable devices: A clinical practice guideline of the International League Against Epilepsy and the International Federation of Clinical Neurophysiology. **Clin Neurophysiol.** 2021 Mar 5:S1388-2457(20)30614-3
 105. Beniczky S, Wiebe S, Jeppesen J, Tatum WO, Brazdil M, Wang Y, Herman ST, **Ryvlin P**. Automated seizure detection using wearable devices: A clinical practice guideline of the International League Against Epilepsy and the International Federation of Clinical Neurophysiology. **Epilepsia.** 2021 Mar;62(3):632-646.
 106. **Ryvlin P**, Nguyen DK. Insular seizures and epilepsies: Ictal semiology and minimal invasive surgery. **Curr Opin Neurol.** 2021 Apr 1;34(2):153-165.
 107. **Ryvlin P**. Editorial: Seizure and developmental disorders 2020. **Curr Opin Neurol.** 2021 Apr 1;34(2):151-152.
 108. Surges R, Shmuelly S, Dietze C, **Ryvlin P**, Thijs RD. Identifying patients with epilepsy at high risk of cardiac death: signs, risk factors and initial management of high risk of cardiac death. **Epileptic Disord.** 2021 Feb 1;23(1):17-39.
 109. Sokolov AA, Zeidman P, Razi A, Erb M, **Ryvlin P**, Pavlova MA, Friston KJ. Asymmetric high-order anatomical brain connectivity sculpts effective connectivity. **Netw Neurosci.** 2020 Sep 1;4(3):871-890.
 110. Bourgeois-Vionnet J, Jung J, Bouet R, Leclercq M, Catenoix H, Bezin L, **Ryvlin P**, Rheims S. Relation between coffee consumption and risk of seizure-related respiratory dysfunction in patients with drug-resistant focal epilepsy. **Epilepsia.** 2021 Mar;62(3):765-777.
 111. Pascual D, Amirshahi A, Aminifar A, Atienza D, **Ryvlin P**, Wattenhofer R. EpilepsyGAN: Synthetic Epileptic Brain Activities with Privacy Preservation. **IEEE Trans Biomed Eng.** 2020 Dec 4;PP. doi: 10.1109/TBME.2020.3042574. Epub ahead of print.
 112. **Ryvlin P**, Skorobogatikh K, Negro A, De La Rosa RS, Israel-Willner H, Sundal C, MacGregor EA, Guerrero AL. Current clinical practice in disabling and chronic migraine in the primary care setting: results from the European My-LIFE anamnesis survey. **BMC Neurol.** 2021 Jan 4;21(1):1.
 113. Vilella L, Lacuey N, Hampson JP, Zhu L, Omid S, Ochoa-Urrea M, Tao S, Rani MRS, Sainju RK, Friedman D, Nei M, Strohl K, Scott C, Allen L, Gehlbach BK, Hupp NJ, Hampson JS, Shafiabadi N, Zhao X, Reick-Mitrisin V, Schuele S, Ogren J, Harper RM, Diehl B, Bateman LM, Devinsky O, Richerson GB, **Ryvlin P**, Zhang GQ, Lhatoo SD. Association of Peri-ictal Brainstem Posturing With Seizure Severity and Breathing Compromise in Patients With Generalized Convulsive Seizures. **Neurology.** 2021 Jan 19;96(3):e352-e365.
 114. **Ryvlin P**, Beniczky S. Seizure detection and mobile health devices in epilepsy: Recent developments and future perspectives. **Epilepsia.** 2020 Nov;61 Suppl 1:S1-S2.
 115. Redolfi A, De Francesco S, Palesi F, Galluzzi S, Muscio C, Castellazzi G, Tiraboschi P, Savini G, Nigri A, Bottini G, Bruzzone MG, Ramusino MC, Ferraro S, Gandini Wheeler-Kingshott CAM, Tagliavini F, Frisoni GB, **Ryvlin P**, Demonet JF, Kherif F, Cappa SF, D'Angelo E. Medical Informatics Platform (MIP): A Pilot Study Across Clinical Italian Cohorts. **Front Neurol.** 2020 Sep 23;11:1021.
 116. Vinding Merinder T, Rásonyi G, Tsiropoulos I, Jespersen B, **Ryvlin P**, Fabricius M, Beniczky S. Somatosensory phenomena elicited by electrical stimulation of hippocampus: Insight into the ictal network. **Epilepsy Behav Rep.** 2020 Aug 31;14:100387.
 117. Dibué M, Spoor JKH, Dremmen M, von Saß CF, Hänggi D, Steiger HJ, **Ryvlin P**, Kamp MA. Sudden death in epilepsy: There is room for intracranial pressure. **Brain Behav.** 2020 Nov;10(11):e01838.
 118. Nobili L, de Weerd A, Rubboli G, Beniczky S, Derry C, Eriksson S, Halasz P, Högl B, Santamaria J, Khatami R, **Ryvlin P**, Rémi J, Tinuper P, Bassetti C, Manni R, Koutroumanidis M, Vignatelli L. Standard procedures for the diagnostic pathway of sleep-related epilepsies and comorbid sleep disorders: an EAN, ESRS and ILAE-Europe consensus review. **Eur J Neurol.** 2021 Jan;28(1):15-32.

119. Nobili L, de Weerd A, Rubboli G, Beniczky S, Derry C, Eriksson S, Halasz P, Högl B, Santamaria J, Khatami R, **Ryvlin P**, Rémi J, Tinuper P, Bassetti C, Manni R, Koutroumanidis M, Vignatelli L. Standard procedures for the diagnostic pathway of sleep-related epilepsies and comorbid sleep disorders: A European Academy of Neurology, European Sleep Research Society and International League against Epilepsy-Europe consensus review. **J Sleep Res.** 2020 Dec;29(6):e13184.
120. Pincherle A, Jöhr J, Pancini L, Leocani L, Dalla Vecchia L, **Ryvlin P**, Schiff ND, Diserens K. Intensive Care Admission and Early Neuro-Rehabilitation. Lessons for COVID-19? **Front Neurol.** 2020 Aug 25;11:880.
121. Ciumas C, Montavont A, Iliski F, Laurent A, Saignavongs M, Lachaux JP, de Bellescize J, Panagiotakaki E, Ostrowsky-Coste K, Herbillon V, Ibarrola D, Hermier M, Arzimanoglou A, **Ryvlin P**. Neural correlates of verbal working memory in children with epilepsy with centro-temporal spikes. **Neuroimage Clin.** 2020;28:102392.
122. Sokolov AA, Zeidman P, Erb M, Pollick FE, Fallgatter AJ, **Ryvlin P**, Friston KJ, Pavlova MA. Brain circuits signaling the absence of emotion in body language. **Proc Natl Acad Sci U S A.** 2020 Sokolov AA, Zeidman P, Erb M, Pollick FE, Fallgatter AJ, Ryvlin P, Friston KJ, Pavlova MA. Brain circuits signaling the absence of emotion in body language. *Proc Natl Acad Sci U S A.* 2020 Aug 25;117(34):20868-20873.
123. Lhatoo SD, Bernasconi N, Blumcke I, Braun K, Buchhalter J, Denaxas S, Galanopoulou A, Josephson C, Kobow K, Lowenstein D, **Ryvlin P**, Schulze-Bonhage A, Sahoo SS, Thom M, Thurman D, Worrell G, Zhang GQ, Wiebe S. Big data in epilepsy: Clinical and research considerations. Report from the Epilepsy Big Data Task Force of the International League Against Epilepsy. **Epilepsia.** 2020 Sep;61(9):1869-1883.
124. Pincherle A, Rossi F, Jöhr J, Dunet V, **Ryvlin P**, Oddo M, Schiff N, Diserens K. Early discrimination of cognitive motor dissociation from disorders of consciousness: pitfalls and clues. **J Neurol.** 2021 Jan;268(1):178-188.
125. Markoula S, Liampas A, Rubboli G, Duncan J, Velis D, Schulze-Bonhage A, Alla G, Bartholomeyczik K, Tisi J, Gras A, Lossius MI, Silvano VF, Maren SA, Hospes A, Baaijen JC, van Straaten ECW, Ronner HE, Casciato S, D'aniello A, Mascia A, Susana FS, Bentes C, Aledo-Serrano A, Gil-Nagel A, Dimova PS, Hecimovic H, Özkara Ç, Malmgren K, Papakostas S, Kelemen A, Reuber M, Trinka E, **Ryvlin P**. A European questionnaire survey on epilepsy monitoring units' current practice for postoperative psychogenic nonepileptic seizures' detection. **Epilepsy Behav.** 2020 Nov;112:107355..
126. Beniczky S, Karoly P, Nurse E, **Ryvlin P**, Cook M. Machine learning and wearable devices of the future. **Epilepsia.** 2020 Jul 26. doi: 10.1111/epi.16555. [Epub ahead of print]
127. Beniczky S, Arbune AA, Jeppesen J, **Ryvlin P**. Biomarkers of seizure severity derived from wearable devices. **Epilepsia.** 2020 Nov;61 Suppl 1:S61-S66.
128. **Ryvlin P**, Cammoun L, Hubbard I, Ravey F, Beniczky S, Atienza D. Noninvasive detection of focal seizures in ambulatory patients. **Epilepsia.** 2020 Nov;61 Suppl 1(Suppl 1):S47-S54.
129. Arbune AA, Jeppesen J, Conradsen I, **Ryvlin P**, Beniczky S. Peri-ictal heart rate variability parameters as surrogate markers of seizure severity. **Epilepsia.** 2020 Nov;61 Suppl 1:S55-S60.
130. Perret N, González-Morón D, Queijo H, Honorez-Erard I, Attwell C, **Ryvlin P**, Bovay G, Dorthe D, Newman CJ, Diserens K. How to improve social and professional reinstitution of patients with neurodisabilities ? Practical indications for the general practitioner. **Rev Med Suisse.** 2020 May 6;16(692):911-914.
131. Loizon M, **Ryvlin P**, Chatard B, Jung J, Bouet R, Guenot M, Mazzola L, Bezin L, Rheims S. Transient hypoxemia induced by cortical electrical stimulation: A mapping study in 75 patients. **Neurology.** 2020 Jun 2;94(22):e2323-e2336.
132. Arbune AA, Conradsen I, Cardenas DP, Whitmire LE, Voyles SR, Wolf P, Lhatoo S, **Ryvlin P**, Beniczky S. Ictal quantitative surface electromyography correlates with postictal EEG suppression. **Neurology.** 2020 Jun 16;94(24):e2567-e2576.
133. Panzeri M, **Ryvlin P**, Staeger P, Gautschi R, Amstutz V. Myofascial approach in tension-type headache management: a scientific assessment. **Rev Med Suisse.** 2020 Mar 25;16(687):600-605.

134. Perrenoud M, Pantazou V, Michel P, Hirt L, **Ryvlin P**, Theaudin M, Rouaud O, Benninger D, Novy J, Rossetti AO, Kuntzer T, Diserens K, Pasquier RD. Neurology 2019. **Rev Med Suisse**. 2020 Jan 15;16(676-7):68-71.
135. Aícuá-Rapún I, André P, Rossetti AO, **Ryvlin P**, Hottinger AF, Decosterd LA, Buclin T, Novy J. Therapeutic Drug Monitoring of Newer Antiepileptic Drugs: A Randomized Trial for Dosage Adjustment. **Ann Neurol**. 2019 2020 Jan;87(1):22-29.
136. Javor A, Ciomas C, Ibarrola D, **Ryvlin P**, Rheims S. Social cognition, behaviour and therapy adherence in frontal lobe epilepsy: a study combining neuroeconomic and neuropsychological methods. **R Soc Open Sci**. 2019 Aug 28;6(8):180850.
137. Bernasconi A, Cendes F, Theodore W, Gill RS, Koepp M, Hogan RE, Jackson G, Federico P, Labate A, Vaudano AE, Blümcke I, **Ryvlin P**, Bernasconi N. Response to commentary on recommendations for the use of structural MRI in the care of patients with epilepsy: A consensus report from the ILAE Neuroimaging Task Force. **Epilepsia**. 2019 Oct;60(10):2143-2144.
138. Attwell C, Jöhr J, Pincherle A, Pignat JM, Kaufmann N, Knebel JF, Berney L, **Ryvlin P**, Diserens K. Neurosensory stimulation outdoors enhances cognition recovery in cognitive motor dissociation: A prospective crossover study. **NeuroRehabilitation**. 2019;44(4):545-554.
139. Noel JP, Chatelle C, Perdakis S, Jöhr J, Lopes Da Silva M, **Ryvlin P**, De Lucia M, Millán JDR, Diserens K, Serino A. Peri-personal space encoding in patients with disorders of consciousness and cognitive-motor dissociation. **Neuroimage Clin**. 2019 Jul 23;24:101940.
140. Foged MT, Martens T, Pinborg LH, Hamrouni N, Litman M, Rubboli G, Leffers AM, **Ryvlin P**, Jespersen B, Paulson OB, Fabricius M, Beniczky S. Diagnostic added value of electrical source imaging in presurgical evaluation of patients with epilepsy: A prospective study. **Clin Neurophysiol**. 2019 Aug 16. pii: S1388-2457(19)31186-1.
141. Amunts K, Knoll AC, Lippert T, Pennartz CMA, **Ryvlin P**, Destexhe A, Jirsa VK, D'Angelo E, Bjaalie JG. The Human Brain Project-Synergy between neuroscience, computing, informatics, and brain-inspired technologies. **PLoS Biol**. 2019 Jul 1;17(7):e3000344.
142. Bernasconi A, Cendes F, Theodore WH, Gill RS, Koepp MJ, Hogan RE, Jackson GD, Federico P, Labate A, Vaudano AE, Blümcke I, **Ryvlin P**, Bernasconi N. Recommendations for the use of structural magnetic resonance imaging in the care of patients with epilepsy: A consensus report from the International League Against Epilepsy Neuroimaging Task Force. **Epilepsia**. 2019 Jun;60(6):1054-1068.
143. Bouthour W, **Ryvlin P**, Picard F. Practical management of a first epileptic seizure. **Rev Med Suisse**. 2019 Apr 24;15(648):853-856.
144. Dadah SML, Guenot M, Montavont A, M'kaddem BE, Levrat V, Arzimanoglou A, **Ryvlin P**, Ostrowsky-Coste K. Disappearance of symptomatic generalized 3-Hz discharges after focal surgery in a patient with tuberous sclerosis. **Seizure**. 2019 Feb 7;67:71-72.
145. Mouthaan BE, Rados M, Boon P, Carrette E, Diehl B, Jung J, Kimiskidis V, Kobulashvili T, Kuchukhidze G, Larsson PG, Leitingner M, **Ryvlin P**, Rugg-Gunn F, Seeck M, Vulliémou S, Huiskamp G, Leijten FSS, Van Eijnden P, Trinka E, Braun KPJ; E-PILEPSY consortium. Diagnostic accuracy of interictal source imaging in presurgical epilepsy evaluation: A systematic review from the E-PILEPSY consortium. **Clin Neurophysiol**. 2019 May;130(5):845-855.
146. **Ryvlin P**. Editorial: Update on seizure disorders. **Curr Opin Neurol**. 2019 Apr;32(2):181-182.
147. **Ryvlin P**, Rheims S, Lhatoo SD. Risks and predictive biomarkers of sudden unexpected death in epilepsy patient. **Curr Opin Neurol**. 2019 Apr;32(2):205-212.
148. Ostrowsky-Coste K, Neal A, Guenot M, **Ryvlin P**, Bouvard S, Bourdillon P, Jung J, Catenoix H, Montavont A, Isnard J, Arzimanoglou A, Rheims S. Resective surgery in tuberous Sclerosis complex, from Penfield to 2018: A critical review. **Rev Neurol**. 2019 Mar;175(3):163-182.
149. Pincherle A, Jöhr J, Chatelle C, Pignat JM, Du Pasquier R, **Ryvlin P**, Oddo M, Diserens K. Motor behavior unmasks residual cognition in disorders of consciousness. **Ann Neurol**. 2019 Mar;85(3):443-447.
150. Eskioglou E, Benninger D, Di Virgilio G, Hirt L, Kuntzer T, Michel P, Novy J, Rossetti AO, Rouaud O, **Ryvlin P**, Theaudin M, Du Pasquier R. **Rev Med Suisse**. 2019 Jan 9;15(N° 632-633):74-77.

151. Rheims S, Alvarez BM, Alexandre V, Curot J, Maillard L, Bartolomei F, Derambure P, Hirsch E, Michel V, Chassoux F, Tourniaire D, Crespel A, Biraben A, Navarro V, Kahane P, De Toffol B, Thomas P, Rosenberg S, Valton L, Bezin L, **Ryvlin P**; REPO2MSE study group. Hypoxemia following generalized convulsive seizures: Risk factors and effect of oxygen therapy. **Neurology**. 2019 Jan 15;92(3):e183-e193.
152. Vilella L, Lacuey N, Hampson JP, Rani MRS, Sainju RK, Friedman D, Nei M, Strohl K, Scott C, Gehlbach BK, Zonjy B, Hupp NJ, Zaremba A, Shafiabadi N, Zhao X, Reick-Mitrisin V, Schuele S, Ogren J, Harper RM, Diehl B, Bateman L, Devinsky O, Richerson GB, **Ryvlin P**, Lhatoo SD. Postconvulsive central apnea as a biomarker for sudden unexpected death in epilepsy (SUDEP). **Neurology**. 2019 Jan 15;92(3):e171-e182.
153. Sokolov AA, Zeidman P, Erb M, **Ryvlin P**, Friston KJ, Pavlova MA. Structural and effective brain connectivity underlying biological motion detection. **Proc Natl Acad Sci U S A**. 2018 Dec 18;115(51):E12034-E12042.
154. Kobulashvili T, Kuchukhidze G, Brigo F, Zimmermann G, Höfler J, Leitinger M, Dobesberger J, Kalss G, Rohrer A, Neuray C, Wakonig A, Ernst F, Braun KPJ, Mouthaan BE, Van Eijdsden P, **Ryvlin P**, Cross JH, Trinka E; E-PILEPSY consortium. Diagnostic and prognostic value of noninvasive long-term video-electroencephalographic monitoring in epilepsy surgery: A systematic review and meta-analysis from the E-PILEPSY consortium. **Epilepsia**. 2018 Dec;59(12):2272-2283.
155. Sokolov AA, Zeidman P, Erb M, **Ryvlin P**, Pavlova MA, Friston KJ. Linking structural and effective brain connectivity: structurally informed Parametric Empirical Bayes (si-PEB). **Brain Struct Funct**. 2018 Oct 9. doi: 10.1007/s00429-018-1760-8. [Epub ahead of print]
156. Abou-Khalil B, Klein P, Shah A, **Ryvlin P**, Specchio LM, Gama H, Rocha F, Blum D, Grinnell T, Cheng H, Jung J. Tolerability of adjunctive eslicarbazepine acetate according to concomitant lamotrigine or carbamazepine use: A subgroup analysis of three phase III trials in adults with focal (partial-onset) seizures. **Epilepsy Res**. 2018 Nov;147:80-86.
157. Benbadis SR, Geller E, **Ryvlin P**, Schachter S, Wheless J, Doyle W, Vale FL. Putting it all together: Options for intractable epilepsy: An updated algorithm on the use of epilepsy surgery and neurostimulation. **Epilepsy Behav**. 2018 Nov;88S:33-38.
158. Devinsky O, **Ryvlin P**, Friedman D. Dietary Measures to Prevent Sudden Unexpected Death in Epilepsy-Reply. **JAMA Neurol**. 2018 Sep 1;75(9):1156.
159. Wheless JW, Gienapp AJ, **Ryvlin P**. Vagus nerve stimulation (VNS) therapy update. **Epilepsy Behav**. 2018 Jul 12. pii: S1525-5050(18)30487-6. doi:10.1016/j.yebeh.2018.06.032. [Epub ahead of print]
160. Theeranaew W, McDonald J, Zonjy B, Kaffashi F, Moseley B, Friedman D, So E, Tao JX, Nei M, **Ryvlin P**, Surges R, Thijs RD, Schuele S, Lhatoo S, Loparo K. Automated Detection of Post-ictal Generalized EEG Suppression. **IEEE Trans Biomed Eng**. 2017 Nov 9. doi: 10.1109/TBME.2017.2771468. [Epub ahead of print]
161. Baud MO, Perneger T, Rácz A, Pensel MC, Elger C, Rydenhag B, Malmgren K, Cross JH, McKenna G, Tisdall M, Lamberink HJ, Rheims S, **Ryvlin P**, Isnard J, Mauguière F, Arzimanoglou A, Akkol S, Deniz K, Ozkara C, Lossius M, Rektor I, Kälviäinen R, Vanhatalo LM, Dimova P, Minkin K, Staack AM, Steinhoff BJ, Kalina A, Krsek P, Marusic P, Jordan Z, Fabo D, Carrette E, Boon P, Rocka S, Mameniškienė R, Vulliemoz S, Pittau F, Braun KPJ, Seeck M. European trends in epilepsy surgery. **Neurology**. 2018 Jun 13. [Epub ahead of print]
162. **Ryvlin P**, Ciumas C, Wisniewski I, Beniczky S. Wearable devices for sudden unexpected death in epilepsy prevention. **Epilepsia**. 2018 Jun;59 Suppl 1:61-66.
163. **Ryvlin P**, Beniczky S. Seizure detection and mobile health devices in epilepsy: Update and future developments. **Epilepsia**. 2018 Jun;59 Suppl 1:7-8.
164. Meritam P, **Ryvlin P**, Beniczky S. User-based evaluation of applicability and usability of a wearable accelerometer device for detecting bilateral tonic-clonic seizures: A field study. **Epilepsia**. 2018 Jun;59 Suppl 1:48-52.
165. Beniczky S, **Ryvlin P**. Standards for testing and clinical validation of seizure detection devices. **Epilepsia**. 2018 Jun;59 Suppl 1:9-13.
166. Devinsky O, **Ryvlin P**, Friedman D. Preventing Sudden Unexpected Death in Epilepsy. **JAMA Neurol**. 2018 May 1;75(5):531-532.

167. Stern JM, Cendes F, Gilliam F, Kwan P, **Ryvlin P**, Sirven J, Smith B, Adomas A, Walter L. Neurologist-patient communication about epilepsy in the United States, Spain, and Germany. **Neurol Clin Pract**. 2018 Apr;8(2):93-101.
168. Gupta S, **Ryvlin P**, Faught E, Tsong W, Kwan P. Understanding the burden of focal epilepsy as a function of seizure frequency in the United States, Europe, and Brazil. **Epilepsia Open**. 2017 Mar 27;2(2):199-213.
169. Lehtimäki K, Coenen VA, Gonçalves Ferreira A, Boon P, Elger C, Taylor RS, **Ryvlin P**, Gil-Nagel A, Gielen F, Brionne TC, Abouihia A, Beth G; MORE investigators. The Surgical Approach to the Anterior Nucleus of Thalamus in Patients With Refractory Epilepsy: Experience from the International Multicenter Registry (MORE). **Neurosurgery**. 2018 Mar 15. [Epub ahead of print]
170. Lamberink HJ, Boshuisen K, Otte WM, Geleijns K, Braun KPJ; TimeToStop Study Group. Individualized prediction of seizure relapse and outcomes following antiepileptic drug withdrawal after pediatric epilepsy surgery. **Epilepsia**. 2018 Mar;59(3):e28-e33.
171. Theeranaew W, McDonald J, Zonjy B, Kaffashi F, Moseley BD, Friedman D, So E, Tao J, Nei M, **Ryvlin P**, Surges R, Thijs R, Schuele S, Lhatoo S, Loparo KA. Automated Detection of Postictal Generalized EEG Suppression. **IEEE Trans Biomed Eng**. 2018 Feb;65(2):371-377.
172. Chopard I, Benninger D, Demonet JF, Du Pasquier R, Hirt L, Kuntzer T, Michel P, Nater B, Novy J, Rossetti A, Rouaud O, **Ryvlin P**, Schluep M, Theaudin M. **Rev Med Suisse**. 2018 Jan 10;14(588-589):58-61.
173. **Ryvlin P**, So EL, Gordon CM, Hesdorffer DC, Sperling MR, Devinsky O, Bunker MT, Olin B, Friedman D. Long-term surveillance of SUDEP in drug-resistant epilepsy patients treated with VNS therapy. **Epilepsia**. 2018 Mar;59(3):562-572.
174. Krauss GL, **Ryvlin P**. Non-EEG seizure detection is here. **Neurology**. 2018 Jan 30;90(5):207-208.
175. Salvadé A, **Ryvlin P**, Rossetti AO. Impact of vagus nerve stimulation on sleep-related breathing disorders in adults with epilepsy. **Epilepsy Behav**. 2018 Feb;79:126-129.
176. Eskioglou E, Perrenoud MP, **Ryvlin P**, Novy J. Novel Treatment and New Drugs in Epilepsy Treatment. **Curr Pharm Des**. 2017;23(42):6389-6398.
177. Blumcke I, Spreafico R, Haaker G, Coras R, Kobow K, Bien CG, Pfäfflin M, Elger C, Widman G, Schramm J, Becker A, Braun KP, Leijten F, Baayen JC, Aronica E, Chassoux F, Hamer H, Stefan H, Rössler K, Thom M, Walker MC, Sisodiya SM, Duncan JS, McEvoy AW, Pieper T, Holthausen H, Kudernatsch M, Meencke HJ, Kahane P, Schulze-Bonhage A, Zentner J, Heiland DH, Urbach H, Steinhoff BJ, Bast T, Tassi L, Lo Russo G, Özkara C, Oz B, Krsek P, Vogelgesang S, Runge U, Lerche H, Weber Y, Honavar M, Pimentel J, Arzimanoglou A, Ulate-Campos A, Noachtar S, Hartl E, Schijns O, Guerrini R, Barba C, Jacques TS, Cross JH, Feucht M, Mühlebner A, Grunwald T, Trinka E, Winkler PA, Gil-Nagel A, Toledano Delgado R, Mayer T, Lutz M, Zountsas B, Garganis K, Rosenow F, Hermsen A, von Oertzen TJ, Diepgen TL, Avanzini G; EEBB Consortium. Histopathological Findings in Brain Tissue Obtained during Epilepsy Surgery. **N Engl J Med**. 2017 Oct 26;377(17):1648-1656.
178. Kimiskidis VK, **Ryvlin P**, Schachter S. Introduction. **Int J Neural Syst**. 2017 Nov;27(7):1702002.
179. **Ryvlin P**, Cascino GD. Sudden unexpected death in epilepsy patients is often misdiagnosed as sudden cardiac death. **Neurology**. 2017 Aug 29;89(9):878-879.
180. Ciumas C, Laurent A, Saignavongs M, Iliski F, de Bellescize J, Panagiotakaki E, Ostrowsky-Coste K, Arzimanoglou A, Herbillon V, Ibarrola D, **Ryvlin P**. Behavioral and fMRI responses to fearful faces are altered in benign childhood epilepsy with centrotemporal spikes (BCECTS). **Epilepsia**. 2017 Oct;58(10):1716-1727.
181. Harden C, Tomson T, Gloss D, Buchhalter J, Cross JH, Donner E, French JA, Gil-Nagel A, Hesdorffer DC, Smithson WH, Spitz MC, Walczak TS, Sander JW, **Ryvlin P**. Practice Guideline Summary: Sudden Unexpected Death in Epilepsy Incidence Rates and Risk Factors: Report of the Guideline Development, Dissemination, and Implementation Subcommittee of the American Academy of Neurology and the American Epilepsy Society. **Epilepsy Curr**. 2017 May-Jun;17(3):180-187.

182. **Ryvlin P**, Picard F. Invasive Investigation of Insular Cortex Epilepsy. **J Clin Neurophysiol**. 2017 Jul;34(4):328-332.
183. Harden C, Tomson T, Gloss D, Buchhalter J, Cross JH, Donner E, French JA, Gil-Nagel A, Hesdorffer DC, Smithson WH, Spitz MC, Walczak TS, Sander JW, **Ryvlin P**. Practice guideline summary: Sudden unexpected death in epilepsy incidence rates and risk factors: Report of the Guideline Development, Dissemination, and Implementation Subcommittee of the American Academy of Neurology and the American Epilepsy Society. **Neurology**. 2017 Apr 25;88(17):1674-1680.
184. Vogt VL, Äikiä M, Del Barrio A, Boon P, Borbély C, Bran E, Braun K, Carette E, Clark M, Cross JH, Dimova P, Fabo D, Foroglou N, Francione S, Gersamia A, Gil-Nagel A, Guekht A, Harrison S, Hecimovic H, Heminghyt E, Hirsch E, Javurkova A, Kälviäinen R, Kavan N, Kelemen A, Kimiskidis VK, Kirschner M, Kleitz C, Kobulashvili T, Kosmidis MH, Kurtish SY, Lesourd M, Ljunggren S, Lossius MI, Malmgren K, Mameniskienė R, Martin-Sanfilippo P, Marusic P, Miatton M, Özkara Ç, Pelle F, Rubboli G, Rudebeck S, **Ryvlin P**, van Schooneveld M, Schmid E, Schmidt PM, Seeck M, Steinhoff BJ, Shavel-Jessop S, Tarta-Arsene O, Trinka E, Viggedal G, Wendling AS, Witt JA, Helmstaedter C; E-PILEPSY consortium.. Current standards of neuropsychological assessment in epilepsy surgery centers across Europe. **Epilepsia**. 2017 Mar;58(3):343-355.
185. Kimiskidis VK, Tsimpiris A, **Ryvlin P**, Kalviainen R, Koutroumanidis M, Valentin A, Laskaris N, Kugiumtzis D. TMS combined with EEG in genetic generalized epilepsy: A phase II diagnostic accuracy study. **Clin Neurophysiol**. 2017 Feb;128(2):367-381.
186. Bourdillon P, **Ryvlin P**, Isnard J, Montavont A, Catenoix H, Mauguière F, Rheims S, Ostrowsky-Coste K, Guénot M. Stereo-electroencephalography (SEEG) is a safe procedure, including for insular implantations. **World Neurosurg**. 2016 Dec 18. pii: S1878-8750(16)31337-7.
187. Bourdillon P, Isnard J, Catenoix H, Montavont A, Rheims S, **Ryvlin P**, Ostrowsky-Coste K, Mauguiere F, Guénot M. Stereo electroencephalography-guided radiofrequency thermocoagulation (SEEG-guided RF-TC) in drug-resistant focal epilepsy: Results from a 10-year experience. **Epilepsia**. 2017 Jan;58(1):85-93.
188. Rheims S, Valton L, Michel V, Maillard L, Navarro V, Convers P, Bartolomei F, Biraben A, Crespel A, Derambure P, de Toffol B, Hirsch E, Kahane P, Martin ML, Tourniaire D, Boulogne S, Mercier C, Roy P, **Ryvlin P**; ENALEPSY study group. Efficacy of naloxone in reducing postictal central respiratory dysfunction in patients with epilepsy: study protocol for a double-blind, randomized, placebo-controlled trial. **Trials**. 2016 Nov 3;17(1):529.
189. Saignavongs M, Ciumas C, Petton M, Bouet R, Boulogne S, Rheims S, Carmichael DW, Lachaux JP, **Ryvlin P**. Neural Activity Elicited by a Cognitive Task can be detected in Single-Trials with Simultaneous Intracerebral EEG-fMRI Recordings. **Int J Neural Syst**. 2017 Feb;27(1):1750001.
190. Picot MC, Jaussent A, Neveu D, Kahane P, Crespel A, Gelisse P, Hirsch E, Derambure P, Dupont S, Landré E, Chassoux F, Valton L, Vignal JP, Marchal C, Lamy C, Semah F, Biraben A, Arzimanoglou A, Petit J, Thomas P, Macioce V, Dujols P, **Ryvlin P**. Cost-effectiveness analysis of epilepsy surgery in a controlled cohort of adult patients with intractable partial epilepsy: A 5-year follow-up study. **Epilepsia**. 2016 Oct;57(10):1669-1679.
191. Aubert S, Bonini F, Curot J, Valton L, Szurhaj W, Derambure P, Rheims S, **Ryvlin P**, Wendling F, McGonigal A, Trébuchon A, Bartolomei F. The role of sub-hippocampal versus hippocampal regions in bitemporal lobe epilepsies. **Clin Neurophysiol**. 2016 Sep;127(9):2992-9.
192. Beniczky S, Neufeld M, Diehl B, Dobesberger J, Trinka E, Mameniskiene R, Rheims S, Gil-Nagel A, Craiu D, Pressler R, Krysl D, Lebedinsky A, Tassi L, Rubboli G, **Ryvlin P**. Testing patients during seizures: A European consensus procedure developed by a joint taskforce of the ILAE - Commission on European Affairs and the European Epilepsy Monitoring Unit Association. **Epilepsia**. 2016 Jul 21. [Epub ahead of print]
193. Bourdillon P, Isnard J, Catenoix H, Montavont A, Rheims S, **Ryvlin P**, Ostrowsky-Coste K, Mauguiere F, Guénot M. SEEG-guided radiofrequency thermocoagulation (SEEG RF-TC): from in vitro and in vivo data to technical guidelines. **World Neurosurg**. 2016 Jun 29 ; S1878-8750(16)30480-6.
194. Boulogne S, Andre-Obadia N, Kimiskidis VK, **Ryvlin P**, Rheims S. Cortico-cortical and motor evoked potentials to single and paired-pulse stimuli: An exploratory transcranial magnetic and intracranial electric brain stimulation study. **Hum Brain Mapp**. 2016 Jun 17. [Epub ahead of print]

195. Collart Dutilleul P, **Ryvlin P**, Kahane P, Vercueil L, Semah F, Biraben A, Schwartz JC, De Seze J, Hirsch E, Collongues N. Exploratory Phase II Trial to Evaluate the Safety and the Antiepileptic Effect of Pitolisant (BF2.649) in Refractory Partial Seizures, Given as Adjunctive Treatment During 3 Months. **Clin Neuropharmacol**. 2016 Jul-Aug;39(4):188-93.
196. Tinuper P, Bisulli F, Cross JH, Hesdorffer D, Kahane P, Nobili L, Provini F, Scheffer IE, Tassi L, Vignatelli L, Bassetti C, Cirignotta F, Derry C, Gambardella A, Guerrini R, Halasz P, Licchetta L, Mahowald M, Manni R, Marini C, Mostacci B, Naldi I, Parrino L, Picard F, Pugliatti M, **Ryvlin P**, Vigeveno F, Zucconi M, Berkovic S, Ottman R. Definition and diagnostic criteria of sleep-related hypermotor epilepsy. **Neurology**. 2016 May 10;86(19):1834-42.
197. Kobulashvili T, Höfler J, Dobesberger J, Ernst F, **Ryvlin P**, Cross JH, Braun K, Dimova P, Francione S, Hecimovic H, Helmstaedter C, Kimiskidis VK, Lossius MI, Malmgren K, Marusic P, Steinhoff BJ, Boon P, Craiu D, Delanty N, Fabo D, Gil-Nagel A, Guekht A, Hirsch E, Kalviainen R, Mameniskienė R, Özkara Ç, Seeck M, Rubboli G, Krsek P, Rheims S, Trinka E. Current practices in long-term video-EEG monitoring services: A survey among partners of the E-PILEPSY pilot network of reference for refractory epilepsy and epilepsy surgery. **Seizure**. 2016 May;38:38-45.
198. Barba C, Rheims S, Kahane P, **Ryvlin P**. Reply: Determinants of epilepsy surgery failure: aetiology matters. **Brain**. 2016 Jul;139(Pt 7):e38.
199. Delaj L, Novy J, **Ryvlin P**, Marchi NA, Rossetti AO. Refractory and super-refractory status epilepticus in adults: a 9-year cohort study. **Acta Neurol Scand**. 2016 Apr 15. doi: 10.1111/ane.12605. [Epub ahead of print]
200. Mouthaan BE, Rados M, Barsi P, Boon P, Carmichael DW, Carrette E, Craiu D, Cross JH, Diehl B, Dimova P, Fabo D, Francione S, Gaskin V, Gil-Nagel A, Grigoreva E, Guekht A, Hirsch E, Hecimovic H, Helmstaedter C, Jung J, Kalviainen R, Kelemen A, Kimiskidis V, Kobulashvili T, Krsek P, Kuchukhidze G, Larsson PG, Leitingner M, Lossius MI, Luzin R, Malmgren K, Mameniskienė R, Marusic P, Metin B, Özkara C, Pecina H, Quesada CM, Rugg-Gunn F, Rydenhag B, **Ryvlin P**, Scholly J, Seeck M, Staack AM, Steinhoff BJ, Stepanov V, Tarta-Arsene O, Trinka E, Uzan M, Vogt VL, Vos SB, Vulliémou S, Huiskamp G, Leijten FS, Van Eijssden P, Braun KP; E-PILEPSY consortium. Current use of imaging and electromagnetic source localization procedures in epilepsy surgery centers across Europe. **Epilepsia**. 2016 May;57(5):770-6.
201. Boulogne S, **Ryvlin P**, Rheims S. Single and paired-pulse electrical stimulation during invasive EEG recordings. **Rev Neurol (Paris)**. 2016 Mar;172(3):174-81.
202. Barba C, Rheims S, Minotti L, Guénot M, Hoffmann D, Chabardès S, Isnard J, Kahane P, **Ryvlin P**. Reply: Temporal plus epilepsy is a major determinant of temporal lobe surgery failures. **Brain**. 2016 Jul;139(Pt 7):e36.
203. Navarro V, Kas A, Apartis E, Chami L, Rogemond V, Levy P, Psimaras D, Habert MO, Baulac M, Delattre JY, Honnorat J; collaborators. Motor cortex and hippocampus are the two main cortical targets in LGI1-antibody encephalitis. **Brain**. 2016 Apr;139(Pt 4):1079-93.
204. **Ryvlin P**. Editorial. **Curr Opin Neurol**. 2016 Apr;29(2):148-50.
205. Strzelczyk A, Zschebek G, Bauer S, Baumgartner C, Grond M, Hermesen A, Kieslich M, Krämer G, Kurlmann G, May TW, Mayer T, Neubauer BA, Pfäfflin M, Plecko B, **Ryvlin P**, Schubert-Bast S, Stefan H, Trinka E, Knake S, Seifart C, Rosenow F. Predictors of and attitudes toward counseling about SUDEP and other epilepsy risk factors among Austrian, German, and Swiss neurologists and neuropsychiatrists. **Epilepsia**. 2016 Apr;57(4):612-20.
206. **Ryvlin P**, Rheims S. Predicting epilepsy surgery outcome. **Curr Opin Neurol**. 2016 Apr;29(2):182-8.
207. Lhatoo S, Lacuey N, **Ryvlin P**. Principles of Stereotactic Electroencephalography in Epilepsy Surgery. **J Clin Neurophysiol**. 2016 Jan 30. [Epub ahead of print]
208. Gupta S, Kwan P, Faught E, Tsong W, Forsythe A, **Ryvlin P**. Understanding the burden of idiopathic generalized epilepsy in the United States, Europe, and Brazil: An analysis from the National Health and Wellness Survey. **Epilepsy Behav**. 2016 Feb;55:146-56.
209. Behr C, Goltzene MA, Kosmalski G, Hirsch E, **Ryvlin P**. Epidemiology of epilepsy. **Rev Neurol (Paris)**. 2016 Jan;172(1):27-36.

210. Richerson GB, Boison D, Faingold CL, **Ryvlin P**. From unwitnessed fatality to witnessed rescue: Pharmacologic intervention in sudden unexpected death in epilepsy. **Epilepsia**. 2016 Jan;57 Suppl 1:35-45.
211. Barba C, Rheims S, Minotti L, Guénot M, Hoffmann D, Chabardès S, Isnard J, Kahane P, **Ryvlin P**. Temporal plus epilepsy is a major determinant of temporal lobe surgery failures. **Brain**. 2016 Feb;139(Pt 2):444-51.
212. Rosenow F, Kelemen A, Ben-Menachem E, McShea C, Isojarvi J, Doty P; SP774 study investigators. Long-term adjunctive lacosamide treatment in patients with partial-onset seizures. **Acta Neurol Scand**. 2015 Jul 2. doi: 10.1111/ane.12451. [Epub ahead of print]
213. Cramer JA, Velez FF, Anastassopoulos KP, Bond TC, Gilliam FG, **Ryvlin P**, Specchio LM, Wang X, Blum D, Moreira J, Rocha F. Severity and burden of partial-onset seizures in a phase III trial of eslicarbazepine acetate. **Epilepsy Behav**. 2015 Nov 11;53:149-153.
214. Kujala J, Jung J, Bouvard S, Lecaigard F, Lothe A, Bouet R, Ciumas C, **Ryvlin P**, Jerbi K. Gamma oscillations in V1 are correlated with GABA(A) receptor density: A multi-modal MEG and Flumazenil-PET study. **Sci Rep**. 2015 Nov 17;5:16347.
215. Guerrini R, Duchowny M, Jayakar P, Krsek P, Kahane P, Tassi L, Melani F, Polster T, Andre VM, Cepeda C, Krueger DA, Cross JH, Spreafico R, Cosottini M, Gotman J, Chassoux F, **Ryvlin P**, Bartolomei F, Bernasconi A, Stefan H, Miller I, Devaux B, Najm I, Giordano F, Vonck K, Barba C, Blumcke I. Diagnostic methods and treatment options for focal cortical dysplasia. **Epilepsia**. 2015 Nov;56(11):1669-86.
216. Baulac M, de Boer H, Elger C, Glynn M, Kälviäinen R, Little A, Mifsud J, Perucca E, Pitkänen A, **Ryvlin P**. Epilepsy priorities in Europe: A report of the ILAE-IBE Epilepsy Advocacy Europe Task Force. **Epilepsia**. 2015 Nov;56(11):1687-95.
217. Sethi NK, Lhatoo SD, Nashef L, Tomson T, **Ryvlin P**; Mortality on Epilepsy Monitoring Units Study, Tao J, Liebenthal J, Wu S, Rose S, Ebersole JS. Association of prone position with sudden unexpected death in epilepsy. **Neurology**. 2015 Sep 29;85(13):1185-6.
218. Szurhaj W, Troussière AC, Logier R, Derambure P, Tyvaert L, Semah F, **Ryvlin P**, De Jonckheere J. Ictal changes in parasympathetic tone: Prediction of postictal oxygen desaturation. **Neurology**. 2015 Oct 6;85(14):1233-9.
219. Alexandre V, Mercedes B, Valton L, Maillard L, Bartolomei F, Szurhaj W, Hirsch E, Marchal C, Chassoux F, Petit J, Crespel A, Nica A, Navarro V, Kahane P, De Toffol B, Thomas P, Rosenberg S, Denuelle M, Jonas J, **Ryvlin P**, Rheims S; REPO2MSE study group. Risk factors of postictal generalized EEG suppression in generalized convulsive seizures. **Neurology**. Nov 3;85(18):1598-603.
220. Rektor I, Schachter SC, Arya R, Arzy S, Braakman H, Brodie MJ, Brugger P, Chang BS, Guekht A, Hermann B, Hesdorffer DC, Jones-Gotman M, Kanner AM, Garcia-Larrea L, Mareš P, Mula M, Neufeld M, Risse GL, **Ryvlin P**, Seeck M, Tomson T, Korczyn AD. Third International Congress on Epilepsy, Brain, and Mind: Part 2. **Epilepsy Behav**. 2015 Sep;50:138-59.
221. Boulogne S, Catenoix H, **Ryvlin P**, Rheims S. Long-lasting seizure-related anxiety in patients with temporal lobe epilepsy and comorbid psychiatric disorders. **Epileptic Disord**. 2015 Sep;17(3):340-4.
222. Boshuisen K, van Schooneveld MM, Uiterwaal CS, Cross JH, Harrison S, Polster T, Daehn M, Djimjadi S, Yalnizoglu D, Turanli G, Sassen R, Hoppe C, Kuczaty S, Barba C, Kahane P, Schubert-Bast S, Reuner G, Bast T, Strobl K, Mayer H, de Saint-Martin A, Seegmuller C, Laurent A, Arzimanoglou A, Braun KP; TimeToStop cognitive outcome study group. Intelligence quotient improves after antiepileptic drug withdrawal following pediatric epilepsy surgery. **Ann Neurol**. 2015 Jul;78(1):104-14.
223. Peltola J, Holtkamp M, Rocamora R, **Ryvlin P**, Sieradzan K, Villanueva V. Practical guidance and considerations for transitioning patients from oxcarbazepine or carbamazepine to eslicarbazepine acetate - Expert opinion. **Epilepsy Behav**. 2015 Jun 23;50:46-49.
224. Catenoix H, Mauguière F, Montavont A, **Ryvlin P**, Guénot M, Isnard J. Seizures Outcome After Stereoelectroencephalography-Guided Thermocoagulations in Malformations of Cortical Development Poorly Accessible to Surgical Resection. **Neurosurgery**. 2015 Jul;77(1):9-15.

225. Kimiskidis VK, Koutlis C, Tsimpiris A, Kälviäinen R, **Ryvlin P**, Kugiumtzis D. Transcranial Magnetic Stimulation Combined with EEG Reveals Covert States of Elevated Excitability in the Human Epileptic Brain. **Int J Neural Syst**. 2015 Aug;25(5):1550018.
226. Kahane P, Barba C, Rheims S, Job-Chapron AS, Minotti L, **Ryvlin P**. The concept of temporal 'plus' epilepsy. **Rev Neurol (Paris)**. 2015 Mar;171(3):267-72.
227. Rubboli G, Beniczky S, Claus S, Canevini MP, Kahane P, Stefan H, van Emde Boas W, Velis D, Reus E, Gil-Nagel A, Steinhoff BJ, Trinka E, **Ryvlin P**. A European survey on current practices in epilepsy monitoring units and implications for patients' safety. **Epilepsy Behav**. 2015 Mar;44:179-84.
228. Guipponi M, Chentouf A, Webling KE, Freimann K, Crespel A, Nobile C, Lemke JR, Hansen J, Dorn T, Lesca G, **Ryvlin P**, Hirsch E, Rudolf G, Rosenberg DS, Weber Y, Becker F, Helbig I, Muhle H, Salzmann A, Chaouch M, Oubaiche ML, Ziglio S, Gehrig C, Santoni F, Pizzato M, Langel Ü, Antonarakis SE. Galanin pathogenic mutations in temporal lobe epilepsy. **Hum Mol Genet**. 2015 Jun 1;24(11):3082-91.
229. Yankam Njiwa J, Gray KR, Costes N, Mauguier F, **Ryvlin P**, Hammers A. Advanced [(18)F]FDG and [(11)C]flumazenil PET analysis for individual outcome prediction after temporal lobe epilepsy surgery for hippocampal sclerosis. **Neuroimage Clin**. 2014 Nov 27;7:122-31.
230. Montavont A, Mauguier F, Mazzola L, Garcia-Larrea L, Catenoix H, **Ryvlin P**, Isnard J. On the origin of painful somatosensory seizures. **Neurology**. 2015 Feb 10;84(6):594-601.
231. Laurent A, Arzimanoglou A, Panagiotakaki E, Sfaello I, Kahane P, **Ryvlin P**, Hirsch E, de Schonen S. Visual and auditory socio-cognitive perception in unilateral temporal lobe epilepsy in children and adolescents: a prospective controlled study. **Epileptic Disord**. 2014 Dec;16(4):456-70.
232. **Ryvlin P**, Cross JH, Rheims S. Epilepsy surgery in children and adults. **Lancet Neurol**. 2014 Nov;13(11):1114-26.
233. Moshé SL, Perucca E, **Ryvlin P**, Tomson T. Epilepsy: new advances. **Lancet**. 2015 Mar 7;385(9971):884-98.
234. Hemery C, **Ryvlin P**, Rheims S. Prevention of generalized tonic-clonic seizures in refractory focal epilepsy: a meta-analysis. **Epilepsia**. 2014 Nov;55(11):1789-99.
235. Boshuisen K, Schmidt D, Uiterwaal CS, Arzimanoglou A, Braun KP, Study Group T; TimeToStop Study Group. Time to relapse after epilepsy surgery in children: AED withdrawal policies are a contributing factor. **Epileptic Disord**. 2014, Sep;16(3):305-11.
236. Hudry J, **Ryvlin P**, Saive AL, Ravel N, Plailly J, Royet JP. Lateralization of olfactory processing: Differential impact of right and left temporal lobe epilepsies. **Epilepsy Behav** 2014 Jul 18;37C:184-190.
237. Scorza FA, Cavalheiro EA, Scorza CA, Nejm MB, **Ryvlin P**. More children with epilepsy are dying suddenly. **Epilepsy Behav**. 2014 Jul 7;37C:75-76.
238. Van't Klooster MA, Huiskamp G, Zijlmans M, Debets RM, Comans EF, Bouvard S, **Ryvlin P**, Leijten FS. Can we increase the yield of FDG-PET in the preoperative work-up for epilepsy surgery? **Epilepsy Res**. 2014 Aug;108(6):1095-105.
239. Almashaikhi T, Rheims S, Jung J, Ostrowsky-Coste K, Montavont A, De Bellescize J, Arzimanoglou A, Keo Kosal P, Guénou M, Bertrand O, **Ryvlin P**. Functional connectivity of insular efferences. **Hum Brain Mapp**. 2014 May 19. doi: 10.1002/hbm.22549. [Epub ahead of print]
240. Rheims S, **Ryvlin P**. Pharmacotherapy for tonic-clonic seizures. **Expert Opin Pharmacother**. 2014 Jul;15(10):1417-26.
241. **Ryvlin P**, Gilliam FG, Nguyen DK, Colicchio G, Iudice A, Tinuper P, Zamponi N, Aguglia U, Wagner L, Minotti L, Stefan H, Boon P, Sadler M, Benna P, Raman P, Perucca E. The long-term effect of vagus nerve stimulation on quality of life in patients with pharmacoresistant focal epilepsy: The PuLsE (Open Prospective Randomized Long-term Effectiveness) trial. **Epilepsia**. 2014 Jun;55(6):893-900.
242. Groenewegen A, Tofighty A, **Ryvlin P**, Steinhoff BJ, Dedeken P. Measures for improving treatment outcomes for patients with epilepsy--results from a large multinational patient-physician survey. **Epilepsy Behav**. 2014 May;34:58-67.

243. Ciumas C, Saignavongs M, Iliski F, Herbillon V, Laurent A, Lothe A, Heckemann RA, de Bellescize J, Panagiotakaki E, Hannoun S, Marinier DS, Montavont A, Ostrowsky-Coste K, Bedoin N, **Ryvlin P**. White matter development in children with benign childhood epilepsy with centro-temporal spikes. **Brain**. 2014 Apr;137(Pt 4):1095-106.
244. Rheims S, Rubi S, Bouvard S, Bernard E, Streichenberger N, Guenot M, Le Bars D, Hammers A, **Ryvlin P**. Accuracy of distinguishing between dysembryoplastic neuroepithelial tumors and other epileptogenic brain neoplasms with [11C]methionine PET. **Neuro Oncol**. 2014 Mar 5. [Epub ahead of print]
245. Rheims S, **Ryvlin P**. Patients' safety in the epilepsy monitoring unit: time for revising practices. **Curr Opin Neurol**. 2014 Apr;27(2):213-8.
246. Dimassi S, Labalme A, Lesca G, Rudolf G, Bruneau N, Hirsch E, Arzimanoglou A, Motte J, de Saint Martin A, Boutry-Kryza N, Cloarec R, Benitto A, Ameil A, Edery P, **Ryvlin P**, De Bellescize J, Szepietowski P, Sanlaville D. A subset of genomic alterations detected in rolandic epilepsies contains candidate or known epilepsy genes including GRIN2A and PRRT2. **Epilepsia**. 2014 Feb;55(2):370-8.
247. Helmstaedter C, Aldenkamp AP, Baker GA, Mazarati A, **Ryvlin P**, Sankar R. Disentangling the relationship between epilepsy and its behavioral comorbidities - The need for prospective studies in new-onset epilepsies. **Epilepsy Behav**. 2014 Feb;31:43-7.
248. Rheims S, Ducray F, **Ryvlin P**. Choosing the tumoral epilepsy surgery candidate. **Epilepsia**. 2013 Dec;54 Suppl 9:91-6.
249. Rheims S, Jung J, **Ryvlin P**. Combination of PET and Magnetoencephalography in the Presurgical Assessment of MRI-Negative Epilepsy. **Front Neurol**. 2013 Nov 21;4:188.
250. Rubi S, Costes N, Heckemann RA, Bouvard S, Hammers A, Martí Fuster B, Ostrowsky K, Montavont A, Jung J, Setoain X, Catenoix H, Hino K, Liger F, Le Bars D, **Ryvlin P**. Positron emission tomography with α -[11C]methyl-L-tryptophan in tuberous sclerosis complex-related epilepsy. **Epilepsia**. 2013 Dec;54(12):2143-50.
251. Yankam Njiwa J, Bouvard S, Catenoix H, Mauguier F, **Ryvlin P**, Hammers A. Periventricular [(11)C]flumazenil binding for predicting postoperative outcome in individual patients with temporal lobe epilepsy and hippocampal sclerosis. **Neuroimage Clin**. 2013 Sep 3;3:242-8.
252. **Ryvlin P**, Werhahn KJ, Blaszczyk B, Johnson ME, Lu S. Adjunctive brivaracetam in adults with uncontrolled focal epilepsy: Results from a double-blind, randomized, placebo-controlled trial. **Epilepsia**. 2014 Jan;55(1):47-56.
253. Ciumas C, Schaefers G, Bouvard S, Tailhades E, Perrin E, Comte JC, Canet-Soulas E, Bonnet C, Ibarrola D, Polo G, Moya J, Beuf O, **Ryvlin P**. A phantom and animal study of temperature changes during fMRI with intracerebral depth electrodes. **Epilepsy Res**. 2014 Jan;108(1):57-65.
254. Catenoix H, Mauguier F, Guénot M, Isnard J, **Ryvlin P**. Recording the insula during ictal asystole. **Int J Cardiol**. 2013 Oct 30;169(2):e28-30.
255. Almashaikhi T, Rheims S, Ostrowsky-Coste K, Montavont A, Jung J, De Bellescize J, Arzimanoglou A, Keo Kosal P, Guénot M, Bertrand O, **Ryvlin P**. Intra-insular functional connectivity in human. **Hum Brain Mapp**. 2014 Jun;35(6):2779-88.
256. Jung J, Bouet R, Delpuech C, **Ryvlin P**, Isnard J, Guenot M, Bertrand O, Hammers A, Mauguier F. The value of magnetoencephalography for seizure-onset zone localization in magnetic resonance imaging-negative partial epilepsy. **Brain**. 2013 Oct;136(Pt 10):3176-86.
257. **Ryvlin P**, Nashef L, Lhatoo SD, Bateman LM, Bird J, Bleasel A, Boon P, Crespel A, Dworetzky BA, Høgenhaven H, Lerche H, Maillard L, Malter MP, Marchal C, Murthy JM, Nitsche M, Pataria E, Rabben T, Rheims S, Sadzot B, Schulze-Bonhage A, Seyal M, So EL, Spitz M, Szucs A, Tan M, Tao JX, Tomson T. Incidence and mechanisms of cardiorespiratory arrests in epilepsy monitoring units (MORTEMUS): a retrospective study. **Lancet Neurol**. 2013 Oct;12(10):966-77.
258. Ostrowsky-Coste K, Montavont A, Keo-Kosal P, Guenot M, Chatillon CE, **Ryvlin P**. Similar semiology of epileptic and psychogenic nonepileptic seizures recorded during stereo-EEG. **Seizure**. 2013 Dec;22(10):897-900.
259. Lesca G, Rudolf G, Bruneau N, Lozovaya N, Labalme A, Boutry-Kryza N, Salmi M, Tsintsadze T, Addis L, Motte J, Wright S, Tsintsadze V, Michel A, Doummar D, Lascelles K, Strug L,

- Waters P, de Bellescize J, Vrielynck P, de Saint Martin A, Ville D, **Ryvlin P**, Arzimanoglou A, Hirsch E, Vincent A, Pal D, Burnashev N, Sanlaville D, Szepetowski P. GRIN2A mutations in acquired epileptic aphasia and related childhood focal epilepsies and encephalopathies with speech and language dysfunction. **Nat Genet**. 2013 Sep;45(9):1061-6.
260. Montavont A, Kahane P, Catenoix H, Ostrowsky-Coste K, Isnard J, Guénot M, Rheims S, **Ryvlin P**. Hypermotor seizures in lateral and mesial parietal epilepsy. **Epilepsy Behav**. 2013 Jul 17;28(3):408-412.
 261. Korczyn AD, Schachter SC, Brodie MJ, Dalal SS, Engel J Jr, Guekht A, Hecimovic H, Jerbi K, Kanner AM, Johannessen Landmark C, Mares P, Marusic P, Meletti S, Mula M, Patsalos PN, Reuber M, **Ryvlin P**, Stillová K, Tuchman R, Rektor I. Epilepsy, cognition, and neuropsychiatry (Epilepsy, Brain, and Mind, part 2). **Epilepsy Behav**. 2013 Aug;28(2):283-302.
 262. Rheims S, **Ryvlin P**. Profile of perampanel and its potential in the treatment of partial onset seizures. **Neuropsychiatr Dis Treat**. 2013;9:629-37.
 263. Steinhoff BJ, Ben-Menachem E, **Ryvlin P**, Shorvon S, Kramer L, Satlin A, Squillacote D, Yang H, Zhu J, Laurenza A. Efficacy and safety of adjunctive perampanel for the treatment of refractory partial seizures: A pooled analysis of three phase III studies. **Epilepsia**. 2013 Aug;54(8):1481-9.
 264. **Ryvlin P**, Nashef L, Tomson T. Prevention of sudden unexpected death in epilepsy: a realistic goal? **Epilepsia**. 2013 May;54 Suppl 2:23-8.
 265. Catenoix H, Montavont A, Isnard J, Guénot M, Chatillon CE, Streichenberger N, **Ryvlin P**, Mauguière F. Mesio-temporal ictal semiology as an indicator for surgical treatment of epilepsies with large multilobar cerebral lesions. **Seizure**. 2013 Jun;22(5):378-83.
 266. Lerond J, Lothe A, **Ryvlin P**, Bouvard S, d'Amato T, Ciumas C, Daléry J, Poulet E, Saoud M. Effects of aripiprazole, risperidone, and olanzapine on 5-HT_{1A} receptors in patients with schizophrenia. **J Clin Psychopharmacol**. 2013 Feb;33(1):84-9.
 267. Rheims S, **Ryvlin P**. Patient and physician preferences: impact on treatment effectiveness. **Epileptic Disord**. 2012 Sep;14(3):242-7.
 268. Lothe A, Saoud M, Bouvard S, Redouté J, Lerond J, **Ryvlin P**. 5-HT_{1A} receptor binding changes in patients with major depressive disorder before and after antidepressant treatment: a pilot [¹⁸F]MPPF positron emission tomography study. **Psychiatry Res**. 2012 Jul 30;203(1):103-4.
 269. Boshuisen K, Arzimanoglou A, Cross JH, Uiterwaal CS, Polster T, van Nieuwenhuizen O, Braun KP; TimeToStop study group. Timing of antiepileptic drug withdrawal and long-term seizure outcome after paediatric epilepsy surgery (TimeToStop): a retrospective observational study. **Lancet Neurol**. 2012 Sep;11(9):784-91.
 270. Kanner AM, Schachter SC, Barry JJ, Hersdorffer DC, Mula M, Trimble M, Hermann B, Ettinger AE, Dunn D, Caplan R, **Ryvlin P**, Gilliam F. Depression and epilepsy, pain and psychogenic non-epileptic seizures: clinical and therapeutic perspectives. **Epilepsy Behav**. 2012 Jun;24(2):169-81.
 271. Bedoin N, Ciumas C, Lopez C, Redsand G, Herbillon V, Laurent A, **Ryvlin P**. Disengagement and inhibition of visual-spatial attention are differently impaired in children with rolandic epilepsy and Panayiotopoulos syndrome. **Epilepsy Behav**. 2012 Sep;25(1):81-91.
 272. Kanner AM, Schachter SC, Barry JJ, Hersdorffer DC, Mula M, Trimble M, Hermann B, Ettinger AE, Dunn D, Caplan R, **Ryvlin P**, Gilliam F. Depression and epilepsy: epidemiologic and neurobiologic perspectives that may explain their high comorbid occurrence. **Epilepsy Behav**. 2012 Jun;24(2):156-68.
 273. Rheims S, **Ryvlin P**. Retigabine for partial onset seizures. **Expert Rev Neurother**. 2012 May;12(5):509-17.
 274. Nashef L, So EL, **Ryvlin P**, Tomson T. Unifying the definitions of sudden unexpected death in epilepsy. **Epilepsia**. 2012 Feb;53(2):227-33.
 275. **Ryvlin P**, Rheims S. Epilepsy: new epidemiological and therapeutic perspectives. **Lancet Neurol**. 2012 Jan;11(1):5-7.

276. Bouet R, Jung J, Delpuech C, **Ryvlin P**, Isnard J, Guenot M, Bertrand O, Mauguière F. Towards source volume estimation of interictal spikes in focal epilepsy using magnetoencephalography. **Neuroimage**. 2012 Feb 15;59(4):3955-66.
277. Rheims S, Perucca E, **Ryvlin P**. Clinical comparability of the new antiepileptic drugs in refractory partial epilepsy: reply to Costa et al. **Epilepsia**. 2011 Nov;52(11):2139-41.
278. **Ryvlin P**, Cucherat M, Rheims S. Risk of sudden unexpected death in epilepsy in patients given adjunctive antiepileptic treatment for refractory seizures: a meta-analysis of placebo-controlled randomised trials. **Lancet Neurol**. 2011 Nov;10(11):961-8.
279. Catenoux H, Magnin M, Mauguière F, **Ryvlin P**. Evoked potential study of hippocampal efferent projections in the human brain. **Clin Neurophysiol**. 2011 Dec;122(12):2488-97.
280. Rheims S, Didelot A, Guenot M, Regis J, **Ryvlin P**. Subcontinuous epileptiform activity after failed hippocampal radiosurgery. **Epilepsia**. 2011 Aug;52(8):1425-9.
281. Rheims S, **Ryvlin P**. Epilepsy in the adult. **Rev Prat**. 2010 Dec 20;60(10):1461-7.
282. Rheims S, Perucca E, Cucherat M, **Ryvlin P**. Factors determining response to antiepileptic drugs in randomized controlled trials. A systematic review and meta-analysis. **Epilepsia**. 2011 Feb;52(2):219-233.
283. Demarquay G, Lothe A, Royet JP, Costes N, Mick G, Mauguière F, **Ryvlin P**. Brainstem changes in 5-HT1A receptor availability during migraine attack. **Cephalalgia**. 2011 Jan;31(1):84-94.
284. Vidal JR, Ossandon T, Jerbi K, Dalal SS, Minotti L, **Ryvlin P**, Kahane P, Lachaux JP. Category-Specific Visual Responses: An Intracranial Study Comparing Gamma, Beta, Alpha, and ERP Response Selectivity. **Front Hum Neurosci**. 2010 Nov 11;4:195.
285. Sander JW, **Ryvlin P**, Stefan H, Booth DR, Bauer J. Generic substitution of antiepileptic drugs. **Expert Rev Neurother**. 2010 Dec;10(12):1887-98.
286. Didelot A, Mauguière F, Redouté J, Bouvard S, Lothe A, Reilhac A, Hammers A, Costes N, **Ryvlin P**. Voxel-based analysis of asymmetry index maps increases the specificity of 18F-MPPF PET abnormalities for localizing the epileptogenic zone in temporal lobe epilepsies. **J Nucl Med**. 2010 Nov;51(11):1732-9.
287. Lesca G, Boutry-Kryza N, de Toffol B, Milh M, Steschenko D, Lemesle-Martin M, Maillard L, Foletti G, Rudolf G, Nielsen JE, a Rogvi-Hansen B, Erdal J, Mancini J, Thauvin-Robinet C, M'Rrabet A, Ville D, Szepietowski P, Raffo E, Hirsch E, **Ryvlin P**, Calender A, Genton P. Novel mutations in EPM2A and NHLRC1 widen the spectrum of Lafora disease. **Epilepsia**. 2010 Sep;51(9):1691-8.
288. Lothe A, Boni C, Costes N, Bouvard S, Gorwood P, Lavenne F, Alvarez M, **Ryvlin P**. 5-HT1A gene promoter polymorphism and [18F]MPPF binding potential in healthy subjects: a PET study. **Behav Brain Funct**. 2010 Jul 7;6:37.
289. Rheims S, Perucca E, **Ryvlin P**. Placebo-corrected efficacy of modern antiepileptic drugs for refractory epilepsy: reply to Beyenburg et al., 2009. **Epilepsia**. 2010 May;51(5):935-6.
290. Arzimanoglou A, **Ryvlin P**, Perucca E. When the past challenges the present: are older antiepileptic drugs still the best choice in childhood absence epilepsy? **Lancet Neurol**. 2010 May;9(5):457-9.
291. Demarquay G, Didelot A, Rogemond V, **Ryvlin P**, Gouttard M, Garassus P, Mauguière F, Honnorat J. Facial pain as first manifestation of anti-Hu paraneoplastic syndrome. **J Headache Pain**. 2010 Aug;11(4):355-7.
292. Jung J, Jerbi K, Ossandon T, **Ryvlin P**, Isnard J, Bertrand O, Guénot M, Mauguière F, Lachaux JP. Brain responses to success and failure: Direct recordings from human cerebral cortex. **Hum Brain Mapp**. 2010 Aug;31(8):1217-32.
293. **Ryvlin P**, Kälviäinen R, Von Raison F, Giordano S, Emir B, Chatamra K. Pregabalin in partial seizures: a pragmatic 21-week, open-label study (PREPS). **Eur J Neurol**. 2010 May;17(5):726-32.
294. Nashef L, **Ryvlin P**. Sudden unexpected death in epilepsy (SUDEP): update and reflections. **Neurol Clin**. 2009 Nov;27(4):1063-74.

295. Kaloustian S, Bah TM, Rondeau I, Mathieu S, Lada-Moldovan L, **Ryvlin P**, Godbout R, Rousseau G. Tumor necrosis factor-alpha participates in apoptosis in the limbic system after myocardial infarction. *Apoptosis*. 2009 Nov;14(11):1308-16.
296. Lothe A, Boni C, Costes N, Gorwood P, Bouvard S, Le Bars D, Lavenne F, **Ryvlin P**. Association between triallelic polymorphism of the serotonin transporter and [¹⁸F]MPPF binding potential at 5-HT_{1A} receptors in healthy subjects. *Neuroimage*. 2009 Aug 15;47(2):482-92.
297. **Ryvlin P**, Perucca E, Rheims S. Pregabalin for the management of partial epilepsy. *Neuropsychiatr Dis Treat*. 2008 Dec;4(6):1211-24.
298. de Bellescize J, Boutry N, Chabrol E, André-Obadia N, Arzimanoglou A, Leguern E, Baulac S, Calender A, **Ryvlin P**, Lesca G. A novel three base-pair LGI1 deletion leading to loss of function in a family with autosomal dominant lateral temporal epilepsy and migraine-like episodes. *Epilepsy Res*. 2009 Jul;85(1):118-22.
299. Sanchez PE, Navarro FP, Fares RP, Nadam J, Georges B, Moulin C, Le Cavorsin M, Bonnet C, **Ryvlin P**, Belmeguenai A, Bodennec J, Morales A, Bezin L. Erythropoietin receptor expression is concordant with erythropoietin but not with common beta chain expression in the rat brain throughout the life span. *J Comp Neurol*. 2009 Jun 1;514(4):403-14.
300. Rheims S, **Ryvlin P**. Once-daily lamotrigine extended release for epilepsy management. *Expert Rev Neurother*. 2009 Feb;9(2):167-73.
301. **Ryvlin P**, Tomson T, Montavont A. Excess mortality and sudden unexpected death in epilepsy. *Presse Med*. 2009 Jan 24. [Epub ahead of print]
302. Catenoix H, Mauguière F, Guénot M, **Ryvlin P**, Bissery A, Sindou M, Isnard J. SEEG-guided thermocoagulations: a palliative treatment of nonoperable partial epilepsies. *Neurology*. 2008 Nov 18;71(21):1719-26.
303. Montavont A, Kahane P, Guénot M, **Ryvlin P**. Foreign language ictal speech automatisms in nondominant temporal lobe epilepsy. *Neurology*. 2008 Nov 11;71(20):1579-85.
304. Tomson T, Nashef L, **Ryvlin P**. Sudden unexpected death in epilepsy: current knowledge and future directions. *Lancet Neurol*. 2008 Nov;7(11):1021-31.
305. Didelot A, **Ryvlin P**, Lothe A, Merlet I, Hammers A, Mauguière F. PET imaging of brain 5-HT_{1A} receptors in the preoperative evaluation of temporal lobe epilepsy. *Brain*. 2008 Oct;131(Pt 10):2751-64.
306. Lothe A, Didelot A, Hammers A, Costes N, Saoud M, Gilliam F, **Ryvlin P**. Comorbidity between temporal lobe epilepsy and depression: a [18F]MPPF PET study. *Brain*. 2008 Oct;131(Pt 10):2765-82.
307. Demarquay G, Royet JP, Mick G, **Ryvlin P**. Olfactory hypersensitivity in migraineurs: a H(2)(15)O-PET study. *Cephalalgia*. 2008 Oct;28(10):1069-80.
308. Lothe A, Merlet I, Demarquay G, Costes N, **Ryvlin P**, Mauguière F. Interictal brain 5-HT_{1A} receptors binding in migraine without aura: a 18F-MPPF-PET study. *Cephalalgia*. 2008 Dec;28(12):1282-91.
309. Rheims S, Cucherat M, Arzimanoglou A, **Ryvlin P**. Greater response to placebo in children than in adults: a systematic review and meta-analysis in drug-resistant partial epilepsy. *PLoS Med*. 2008 Aug 12;5(8):e166.
310. Ciumas C, Montavont A, **Ryvlin P**. Magnetic resonance imaging in clinical trials. *Curr Opin Neurol*. 2008 Aug;21(4):431-6.
311. Suls A, Dedeken P, Goffin K, Van Esch H, Dupont P, Cassiman D, Kempfle J, Wuttke TV, Weber Y, Lerche H, Afawi Z, Vandenberghe W, Korczyn AD, Berkovic SF, Ekstein D, Kivity S, **Ryvlin P**, Claes LR, Deprez L, Maljevic S, Vargas A, Van Dyck T, Goossens D, Del-Favero J, Van Laere K, De Jonghe P, Van Paesschen W. Paroxysmal exercise-induced dyskinesia and epilepsy is due to mutations in SLC2A1, encoding the glucose transporter GLUT1. *Brain*. 2008 Jul;131(Pt 7):1831-44.
312. Rheims S, **Ryvlin P**, Scherer C, Minotti L, Hoffmann D, Guénot M, Mauguière F, Benabid AL, Kahane P. Analysis of clinical patterns and underlying epileptogenic zones of hypermotor seizures. *Epilepsia*. 2008 Dec;49(12):2030-40.

313. Kaloustian S, Wann BP, Bah TM, Girard SA, Apostolakis A, Ishak S, Mathieu S, **Ryvlin P**, Godbout R, Rousseau G. Apoptosis time course in the limbic system after myocardial infarction in the rat. *Brain Res*. 2008 Jun 24;1216:87-91.
314. **Ryvlin P**, Rheims S. Epilepsy surgery: eligibility criteria and presurgical evaluation. *Dialogues Clin Neurosci*. 2008;10(1):91-103.
315. Picot MC, Jaussent A, Kahane P, Crespel A, Gélisse P, Hirsch E, Derambure P, Dupont S, Landré E, Chassoux F, Valton L, Vignal JP, Marchal C, Rougier A, Lamy C, Semah F, Biraben A, Arzimanoglou A, Petit J, Thomas P, Neveu D, **Ryvlin P**. Medicoeconomic assessment of epilepsy surgery in adults with medically intractable partial epilepsy. Three-year outcomes from a multicenter French cohort. *Neurochirurgie*. 2008 May;54(3):484-98.
316. Rheims S, Fischer C, **Ryvlin P**, Isnard J, Guenot M, Tamura M, Regis J, Mauguière F. Long-term outcome of gamma-knife surgery in temporal lobe epilepsy. *Epilepsy Res*. 2008 Jul;80(1):23-9.
317. **Ryvlin P**, Montavont A. Does epilepsy surgery really lower mortality? *Neurochirurgie*. 2008 May;54(3):282-6.
318. Arzimanoglou A, Bourgeois M, Kahane P, Hirsch E, Boddaert N, **Ryvlin P**, Sainte-Rose C. Epilepsy surgery in children: from a multidisciplinary network to the creation of an expertise and care centre. *Neurochirurgie*. 2008 May;54(3):479-83.
319. Peter L, Niel F, Catenoix H, Jung J, Demarquay G, Petiot P, Rudigoz RC, Boespflug-Tanguy O, **Ryvlin P**, Mauguière F. Acute neurological deterioration in ovarioleukodystrophy related to EIF2B mutations: pregnancy with oocyte donation is a potentially precipitating factor. *Eur J Neurol*. 2008 Jan;15(1):94-7.
320. Montavont A, Demarquay G, **Ryvlin P**, Rabilloud M, Guénot M, Ostrowsky K, Isnard J, Fischer C, Mauguière F. Long-term efficiency of vagus nerve stimulation (VNS) in non-surgical refractory epilepsies in adolescents and adults. *Rev Neurol (Paris)*. 2007 Dec;163(12):1169-77.
321. Kahane P, **Ryvlin P**, Vercueil L, Hirsch E, Arzimanoglou A. In this era of value for money what is the place of epilepsy surgery in hospital practice. *Rev Neurol (Paris)*. 2007 Dec;163(12):1151-6.
322. Kaloustian S, Wann BP, Bah TM, Falcao S, Dufort AM, **Ryvlin P**, Godbout R, Rousseau G. Celecoxib after the onset of reperfusion reduces apoptosis in the amygdala. *Apoptosis*. 2007 Nov;12(11):1945-51.
323. Steinhoff BJ, Somerville ER, Van Paesschen W, **Ryvlin P**, Schelstraete I. The SKATE study: an open-label community-based study of levetiracetam as add-on therapy for adults with uncontrolled partial epilepsy. *Epilepsy Res*. 2007 Aug;76(1):6-14.
324. Zyss J, Xie-Brustolin J, **Ryvlin P**, Peysson S, Beschet A, Sappey-Marinier D, Hermier M, Thobois S. Epilepsia partialis continua with dystonic hand movement in a patient with a malformation of cortical development. *Mov Disord*. 2007 Sep 15;22(12):1793-6.
325. Costes N, Zimmer L, Reilhac A, Lavenne F, **Ryvlin P**, Le Bars D. Test-retest reproducibility of 18F-MPPF PET in healthy humans: a reliability study. *J Nucl Med*. 2007 Aug;48(8):1279-88.
326. Jung J, Mauguière F, Clerc-Renaud P, Ollagnon E, de Camaret BM, **Ryvlin P**. NARP mitochondriopathy: an unusual cause of progressive myoclonic epilepsy. *Neurology*. 2007 Apr 24;68(17):1429-30.
327. Demarquay G, **Ryvlin P**, Royet JP. Olfaction and neurological diseases: a review of the littérature. *Rev Neurol (Paris)*. 2007 Feb;163(2):155-67.
328. Picard F, Mégevand P, Minotti L, Kahane P, **Ryvlin P**, Seeck M, Michel CM, Lantz G. Intracerebral recordings of nocturnal hyperkinetic seizures: demonstration of a longer duration of the pre-seizure sleep spindle. *Clin Neurophysiol*. 2007 Apr;118(4):928-39.
329. Brodie MJ, Perucca E, **Ryvlin P**, Ben-Menachem E, Meencke HJ; Levetiracetam Monotherapy Study Group. Comparison of levetiracetam and controlled-release carbamazepine in newly diagnosed epilepsy. *Neurology*. 2007 Feb 6;68(6):402-8.
330. Henry A, Corvaisier S, Blanc S, Berthezene F, Borson-Chazot F, Broussolle E, **Ryvlin P**, Touboul P. Patients' and physicians' perceptions on participation in a clinical trial: results on a survey in a French hospital. *Therapie*. 2006 Nov-Dec;61(6):471-80.

331. Henry A, Corvaisier S, Blanc S, Berthezene F, Borson-Chazot F, Broussolle E, **Ryvlin P**, Touboul P. Perceptions of patients and physicians involved in clinical trials: an overview of the littérature. *Thérapie*. 2006 Sep-Oct;61(5):425-37.
332. **Ryvlin P**. Optimizing therapy of seizures in specific clinical situations: Are the exceptions the rule? *Neurology*. 2006 Dec 26;67(12 Suppl 4):S1-2.
333. **Ryvlin P**, Montavont A, Nighoghossian N. Optimizing therapy of seizures in stroke patients. *Neurology*. 2006 Dec 26;67(12 Suppl 4):S3-9.
334. Lacerda G, Krummel T, Sabourdy C, **Ryvlin P**, Hirsch E. Optimizing therapy of seizures in patients with renal or hepatic dysfunction. *Neurology*. 2006 Dec 26;67(12 Suppl 4):S28-33.
335. Nadam J, Navarro F, Sanchez P, Moulin C, Georges B, Laglaine A, Pequignot JM, Morales A, **Ryvlin P**, Bezin L. Neuroprotective effects of erythropoietin in the rat hippocampus after pilocarpine-induced status epilepticus. *Neurobiol Dis*. 2007 Feb;25(2):412-26.
336. **Ryvlin P**, Rheims S, Risse G. Nocturnal frontal lobe epilepsy. *Epilepsia*. 2006;47 Suppl 2:83-6.
337. Chassagnon S, Valenti MP, Sabourdy C, Esposito P, Kehrli P, Arzimanoglou A, **Ryvlin P**, Kahane P, Hirsch E. Towards a definition of the "practical" epileptogenic zone: a case of epilepsy with dual pathology. *Epileptic Disord*. 2006 Aug;8 Suppl 2:S67-76.
338. **Ryvlin P**. Avoid falling into the depths of the insular trap. *Epileptic Disord*. 2006 Aug;8 Suppl 2:S37-56.
339. Kahane P, Landré E, Minotti L, Francione S, **Ryvlin P**. The Bancaud and Talairach view on the epileptogenic zone: a working hypothesis. *Epileptic Disord*. 2006 Aug;8 Suppl 2:S16-26.
340. Demarquay G, Royet JP, Giraud P, Chazot G, Valade D, **Ryvlin P**. Rating of olfactory judgements in migraine patients. *Cephalalgia*. 2006 Sep;26(9):1123-30.
341. Peter L, Jung J, Tilikete C, **Ryvlin P**, Mauguire F. Opsoclonus-myoclonus as a manifestation of Lyme disease. *J Neurol Neurosurg Psychiatry*. 2006 Sep;77(9):1090-1.
342. **Ryvlin P**, Minotti L, Demarquay G, Hirsch E, Arzimanoglou A, Hoffman D, Guénot M, Picard F, Rheims S, Kahane P. Nocturnal hypermotor seizures, suggesting frontal lobe epilepsy, can originate in the insula. *Epilepsia*. 2006 Apr;47(4):755-65.
343. **Ryvlin P**, Montavont A, Kahane P. Sudden unexpected death in epilepsy: from mechanisms to prevention. *Curr Opin Neurol*. 2006 Apr;19(2):194-9.
344. **Ryvlin P**. When to start antiepileptic drug treatment: seize twice might not harm. *Curr Opin Neurol*. 2006 Apr;19(2):154-6.
345. Rosenberg DS, Mauguire F, Demarquay G, **Ryvlin P**, Isnard J, Fischer C, Guénot M, Magnin M. Involvement of medial pulvinar thalamic nucleus in human temporal lobe seizures. *Epilepsia*. 2006 Jan;47(1):98-107.
346. Costes N, Merlet I, Ostrowsky K, Faillenot I, Lavenne F, Zimmer L, **Ryvlin P**, Le Bars D. A 18F-MPPF PET normative database of 5-HT1A receptor binding in men and women over aging. *J Nucl Med*. 2005 Dec;46(12):1980-9.
347. Duflo F, Boselli E, **Ryvlin P**, Chassard D. Spinal muscarinic and nicotinic subtypes activated by clonidine in postincisional pain. *Anesthesiology*. 2005 Dec;103(6):1253-8.
348. Rheims S, Demarquay G, Isnard J, Guenot M, Fischer C, Sindou M, Mauguire F, **Ryvlin P**. Ipsilateral head deviation in frontal lobe seizures. *Epilepsia*. 2005 Nov;46(11):1750-3.
349. Rosenberg DS, Demarquay G, Jouvét A, Le Bars D, Streichenberger N, Sindou M, Kopp N, Mauguire F, **Ryvlin P**. [11C]-Methionine PET: dysembryoplastic neuroepithelial tumours compared with other epileptogenic brain neoplasms. *J Neurol Neurosurg Psychiatry*. 2005 Dec;76(12):1686-92.
350. Sindou M, Guenot M, Isnard J, **Ryvlin P**, Fischer C, Mauguire F. Temporo-mesial epilepsy surgery: outcome and complications in 100 consecutive adult patients. *Acta Neurochir (Wien)*. 2006 Jan;148(1):39-45.
351. Montavont A, Demarquay G, Guenot M, Isnard J, Mauguire F, **Ryvlin P**. Ictal dysprosody and the role of the non-dominant frontal operculum. *Epileptic Disord*. 2005 Sep;7(3):193-7.

352. Perrot X, **Ryvlin P**, Isnard J, Guénot M, Catenox H, Fischer C, Mauguière F, Collet L. Evidence for corticofugal modulation of peripheral auditory activity in humans. *Cereb Cortex*. 2006 Jul;16(7):941-8.
353. **Ryvlin P**. Defining success in clinical trials--profiling pregabalin, the newest AED. *Eur J Neurol*. 2005 Nov;12 Suppl 4:12-21.
354. **Ryvlin P**, Montavont A, Kahane P. The impact of epilepsy surgery on mortality. *Epileptic Disord*. 2005 Sep;7 Suppl 1:S39-46.
355. Semah F, **Ryvlin P**. Can we predict refractory epilepsy at the time of diagnosis? *Epileptic Disord*. 2005 Sep;7 Suppl 1:S10-3.
356. **Ryvlin P**. The modern challenges of drug resistant epilepsy. Introduction. *Epileptic Disord*. 2005 Sep;7 Suppl 1:S1-2.
357. Catenox H, Magnin M, Guénot M, Isnard J, Mauguière F, **Ryvlin P**. Hippocampal-orbitofrontal connectivity in human: an electrical stimulation study. *Clin Neurophysiol*. 2005 Aug;116(8):1779-84.
358. Rheims S, Demarquay G, Guénot M, Sindou M, Mauguière F, **Ryvlin P**. Ipsilateral head deviation related to orbito-frontal and fronto-polar seizures. *Epileptic Disord*. 2005 Jun;7(2):97-102.
359. Jung J, Hudry J, **Ryvlin P**, Royet JP, Bertrand O, Lachaux JP. Functional significance of olfactory-induced oscillations in the human amygdala. *Cereb Cortex*. 2006 Jan;16(1):1-8.
360. **Ryvlin P**, Kahane P. The hidden causes of surgery-resistant temporal lobe epilepsy: extratemporal or temporal plus? *Curr Opin Neurol*. 2005 Apr;18(2):125-7.
361. Bouvard S, Costes N, Bonnefoi F, Lavenne F, Mauguière F, Delforge J, **Ryvlin P**. Seizure-related short-term plasticity of benzodiazepine receptors in partial epilepsy: a [¹¹C]flumazenil-PET study. *Brain*. 2005 Jun;128(Pt 6):1330-43.
362. Semah F, Picot MC, Derambure P, Dupont S, Vercueil L, Chassagnon S, Marchal C, Thomas P, **Ryvlin P**. The choice of antiepileptic drugs in newly diagnosed epilepsy: a national French survey. *Epileptic Disord*. 2004 Dec;6(4):255-65.
363. Mauguière F, **Ryvlin P**. The role of PET in presurgical assessment of partial epilepsies. *Epileptic Disord*. 2004 Sep;6(3):193-215.
364. Guénot M, Isnard J, **Ryvlin P**, Fischer C, Mauguière F, Sindou M. SEEG-guided RF thermocoagulation of epileptic foci: feasibility, safety, and preliminary results. *Epilepsia*. 2004 Nov;45(11):1368-74.
365. Hirsch E, Valenti MP, **Ryvlin P**. Epilepsy in the child and in the adult: Second part--adult epilepsy. *Rev Prat*. 2004 Jun 15;54(11):1259-67.
366. Durand-Dubief F, **Ryvlin P**, Mauguière F. Polymorphism of epilepsy associated with the A3243G mutation of mitochondrial DNA (MELAS): reasons for delayed diagnosis. *Rev Neurol (Paris)*. 2004 Sep;160(8-9):824-9.
367. Catenox H, Guénot M, Isnard J, Fischer C, Mauguière F, **Ryvlin P**. Intracranial EEG study of seizure-associated nose wiping. *Neurology*. 2004 Sep 28;63(6):1127-9.
368. Picot MC, Neveu D, Kahane P, Crespel A, Gélisse P, Hirsch E, Derambure P, Dupont S, Landré E, Chassoux F, Valton L, Vignal JP, Marchal C, Rougier A, Lamy C, Semah F, Biraben A, Arzimanoglou A, Petit J, Thomas P, Dujols P, **Ryvlin P**. Cost-effectiveness of epilepsy surgery in a cohort of patients with medically intractable partial epilepsy--preliminary results. *Rev Neurol (Paris)*. 2004 Jun;160 Spec No 1:5S354-67.
369. **Ryvlin P**, Mauguière F. Functional neuroimaging in adults. *Rev Neurol (Paris)*. 2004 Jun;160 Spec No 1:5S117-30.
370. Merlet I, **Ryvlin P**, Costes N, Dufournel D, Isnard J, Faillenot I, Ostrowsky K, Lavenne F, Le Bars D, Mauguière F. Statistical parametric mapping of 5-HT_{1A} receptor binding in temporal lobe epilepsy with hippocampal ictal onset on intracranial EEG. *Neuroimage*. 2004 Jun;22(2):886-96.
371. **Ryvlin P**, Hirsch E. Fits, faints and blackouts in the adult. *Rev Prat*. 2003 Dec 31;53(20):2277-84.

372. Merlet I, Ostrowsky K, Costes N, **Ryvlin P**, Isnard J, Faillenot I, Lavenne F, Dufournel D, Le Bars D, Mauguière F. 5-HT_{1A} receptor binding and intracerebral activity in temporal lobe epilepsy: an [18F]MPPF-PET study. **Brain**. 2004 Apr;127(Pt 4):900-13.
373. **Ryvlin P**, Ravier C, Bouvard S, Mauguire F, Le Bars D, Arzimanoglou A, Petit J, Kahane P. Positron emission tomography in epileptogenic hypothalamic hamartomas. **Epileptic Disord**. 2003 Dec;5(4):219-27.
374. Kahane P, **Ryvlin P**, Hoffmann D, Minotti L, Benabid AL. From hypothalamic hamartoma to cortex: what can be learnt from depth recordings and stimulation? **Epileptic Disord**. 2003 Dec;5(4):205-17.
375. **Ryvlin P**, Kahane P. Does epilepsy surgery lower the mortality of drug-resistant epilepsy? **Epilepsy Res**. 2003 Oct;56(2-3):105-20.
376. Schmidt D, Bertram E, **Ryvlin P**, Lüders HO. The impact of temporal lobe surgery on cure and mortality of drug-resistant epilepsy: summary of a workshop. **Epilepsy Res**. 2003 Oct;56(2-3):83-4.
377. **Ryvlin P**, Kahane P, Semah F, Hirsch E, Arzimanoglou A, Thomas P. Should new generation antiepileptic drugs be prescribed as first-line treatment of newly diagnosed epilepsy in adolescents and adults? **Rev Neurol (Paris)**. 2003 Oct;159(10 Pt 1):936-41.
378. Boussion N, Cinotti L, Barra V, **Ryvlin P**, Mauguire F. Extraction of epileptogenic foci from PET and SPECT images by fuzzy modeling and data fusion. **Neuroimage**. 2003 Jul;19(3):645-54.
379. **Ryvlin P**. Beyond pharmacotherapy: surgical management. **Epilepsia**. 2003;44 Suppl 5:23-8.
380. Hudry J, Perrin F, **Ryvlin P**, Mauguière F, Royet JP. Olfactory short-term memory and related amygdala recordings in patients with temporal lobe epilepsy. **Brain**. 2003 Aug;126(Pt 8):1851-63.
381. **Ryvlin P**, Coste S, Hermier M, Mauguière F. Temporal pole MRI abnormalities in temporal lobe epilepsy. **Epileptic Disord**. 2002 Sep;4 Suppl 1:S33-9.
382. Ostrowsky K, Desestret V, **Ryvlin P**, Coste S, Mauguière F. Direct electrical stimulations of the temporal pole in human. **Epileptic Disord**. 2002 Sep;4 Suppl 1:S23-7.
383. Boussion N, Houzard C, Ostrowsky K, **Ryvlin P**, Mauguière F, Cinotti L. Automated detection of local normalization areas for ictal-interictal subtraction brain SPECT. **J Nucl Med**. 2002 Nov;43(11):1419-25.
384. Guenot M, Isnard J, **Ryvlin P**, Fischer C, Ostrowsky K, Mauguire F, Sindou M. Neurophysiological monitoring for epilepsy surgery: the Talairach SEEG method. StereoElectroEncephaloGraphy. Indications, results, complications and therapeutic applications in a series of 100 consecutive cases. **Stereotact Funct Neurosurg**. 2001;77(1-4):29-32.
385. Coste S, **Ryvlin P**, Hermier M, Ostrowsky K, Adeleine P, Froment JC, Mauguière F. Temporopolar changes in temporal lobe epilepsy: a quantitative MRI-based study. **Neurology**. 2002 Sep 24;59(6):855-61.
386. Ostrowsky K, Magnin M, **Ryvlin P**, Isnard J, Guenot M, Mauguière F. Representation of pain and somatic sensation in the human insula: a study of responses to direct electrical cortical stimulation. **Cereb Cortex**. 2002 Apr;12(4):376-85.
387. Streichenberger N, **Ryvlin P**, Guénot M, Sindou M, Kopp N, Mauguière F. Polyglucosan bodies and temporal lobe epilepsy: an incidental finding or more? **Clin Neuropathol**. 2001 Jul-Aug;20(4):172-5.
388. Hudry J, **Ryvlin P**, Royet JP, Mauguière F. Odorants elicit evoked potentials in the human amygdala. **Cereb Cortex**. 2001 Jul;11(7):619-27.
389. Khalfa S, Bougeard R, Morand N, Veuillet E, Isnard J, Guenot M, **Ryvlin P**, Fischer C, Collet L. Evidence of peripheral auditory activity modulation by the auditory cortex in humans. **Neuroscience**. 2001;104(2):347-58.
390. Morand N, Bouvard S, **Ryvlin P**, Mauguire F, Fischer C, Collet L, Veuillet E. Asymmetrical localization of benzodiazepine receptors in the human auditory cortex. **Acta Otolaryngol**. 2001 Jan;121(2):293-6.

391. **Ryvlin P**, Mauguière F. Neurofunctional tests in presurgical strategies for partial epilepsies. *Ann Fr Anesth Reanim*. 2001 Feb;20(2):123-36.
392. Boussion N, **Ryvlin P**, Isnard J, Houzard C, Mauguière F, Cinotti L. Towards an optimal reference region in single-photon emission tomography difference images in epilepsy. *Eur J Nucl Med*. 2000 Feb;27(2):155-60.
393. Guenot M, Krolak-Salmon P, Mertens P, Isnard J, **Ryvlin P**, Fischer C, Vighetto A, Mauguière F, Sindou M. MRI assessment of the anatomy of optic radiations after temporal lobe epilepsy surgery. *Stereotact Funct Neurosurg*. 1999;73(1-4):84-7.
394. Ostrowsky K, Isnard J, **Ryvlin P**, Guénot M, Fischer C, Mauguière F. Functional mapping of the insular cortex: clinical implication in temporal lobe epilepsy. *Epilepsia*. 2000 Jun;41(6):681-6.
395. Kocher L, Rambaud L, Rousselle C, Mottolèse C, **Ryvlin P**, Gonnaud PM. Painful seizures with allodynia in an 11-year-old boy. *Dev Med Child Neurol*. 1999 Oct;41(10):704-7.
396. **Ryvlin P**, Bouvard S, Le Bars D, Mauguière F. Transient and falsely lateralizing flumazenil-PET asymmetries in temporal lobe epilepsy. *Neurology*. 1999 Nov 10;53(8):1882-5.
397. **Ryvlin P**, Mauguière F. Functional imaging in idiopathic generalized epilepsy. *Rev Neurol (Paris)*. 1998 Oct;154(10):691-3.
398. Nighoghossian N, Derex L, Perinetti M, Honnorat J, Barthelet M, Loire R, Adeleine P, Dayoub MG, Servan E, Moreau T, Confavreux C, **Ryvlin P**, Mauguière F, Hernet D, Broussolle E, Chazot G, Tiliket C, Vighetto A, Riche G, Bourrat C, Trouillas P. Course of valvular strands in patients with stroke: cooperative study with transesophageal echocardiography. *Am Heart J*. 1998 Dec;136(6):1065-9.
399. **Ryvlin P**, Bouvard S, Le Bars D, De Lamérie G, Grégoire MC, Kahane P, Froment JC, Mauguière F. Clinical utility of flumazenil-PET versus [18F]fluorodeoxyglucose-PET and MRI in refractory partial epilepsy. A prospective study in 100 patients. *Brain*. 1998 Nov;121 (Pt 11):2067-81.
400. Merlet I, Garcia-Larrea L, **Ryvlin P**, Isnard J, Sindou M, Mauguière F. Topographical reliability of mesio-temporal sources of interictal spikes in temporal lobe epilepsy. *Electroencephalogr Clin Neurophysiol*. 1998 Sep;107(3):206-12.
401. Gignoux L, **Ryvlin P**, Najjioullah F, Mauguière F. Recurrent Mollaret's meningitis of herpetic origin. *Presse Med*. 1998 Oct 3;27(29):1470-2.
402. Gogoleva SM, **Ryvlin P**, Sindou M, Fischer G, Juvet A, Saint Pierre G, Veyre L, Froment JC, Mauguière F, Cinotti L. Brain glucose metabolism with [18F]-fluorodeoxyglucose and positron emission tomography before and after surgical resection of epileptogenic cavernous angiomas. *Stereotact Funct Neurosurg*. 1997;69(1-4 Pt 2):225-8.
403. Mauguière F, **Ryvlin P**. Morphological and functional neuro-imaging of surgical partial epilepsies in adults. *Rev Neurol (Paris)*. 1996 Aug-Sep;152(8-9):501-16.
404. **Ryvlin P**, Broussolle E, Piollet H, Viallet F, Khalfallah Y, Chazot G. Magnetic resonance imaging evidence of decreased putamenal iron content in idiopathic Parkinson's disease. *Arch Neurol*. 1995 Jun;52(6):583-8.
405. **Ryvlin P**, Mauguière F, Sindou M, Froment JC, Cinotti L. Interictal cerebral metabolism and epilepsy in cavernous angiomas. *Brain*. 1995 Jun;118 (Pt 3):677-87.
406. Nighoghossian N, **Ryvlin P**, Trouillas P, Laharotte JC, Froment JC. Pontine versus capsular pure motor hemiparesis. *Neurology*. 1993 Nov;43(11):2197-201.
407. **Ryvlin P**, Philippon B, Cinotti L, Froment JC, Le Bars D, Mauguière F. Functional neuroimaging strategy in temporal lobe epilepsy: a comparative study of 18FDG-PET and 99mTc-HMPAO-SPECT. *Ann Neurol*. 1992 Jun;31(6):650-6.
408. **Ryvlin P**, Garcia-Larrea L, Philippon B, Froment JC, Fischer C, Revol M, Mauguière F. High signal intensity on T2-weighted MRI correlates with hypoperfusion in temporal lobe epilepsy. *Epilepsia*. 1992 Jan-Feb;33(1):28-35.
409. **Ryvlin P**, Cinotti L, Froment JC, Le Bars D, Landais P, Chaze M, Galy G, Lavenne F, Serra JP, Mauguière F. Metabolic patterns associated with non-specific magnetic resonance imaging abnormalities in temporal lobe epilepsy. *Brain*. 1991 Dec;114 (Pt 6):2363-83.

410. Convers P, Bierme T, **Ryvlin P**, Revol M, Fischer C, Froment JC, Mauguière F. Contribution of magnetic resonance imaging in 100 cases of refractory partial epilepsy with normal CT scans. **Rev Neurol** (Paris). 1990;146(5):330-7.

Invited conferences at International or Foreign meetings since 2000 (N=419)

1. **12th Congress of the European Academy of Neurology**, Geneva 27/06/2026: Seizing the night: Navigating sleep-related hypermotor epilepsy
2. **Epilepsy Symposium**, Zurich 18/06/2026: Ictal Asystole risk factors and management
3. **Grand Round of Vienna Neurological Department**, Vienna 10/06/2026: Sudden Unexpected Death in Epilepsy
4. **Moroccan Clinical Neurophysiology course**, (webinar) 01/03/2026: SEEG in MRI negative patients
5. **3rd International Conference on artificial intelligence in epilepsy and neurological disorders**, Puerto Rico 18/03/2026: Democratizing Seizure Detection Tools With AI
6. **14th European SEEG course**, Venice 27/02/2026: iEEG Foundation Models
7. **Invited conference**, Stockholm 27/01/2026: How to progress in SUDEP prevention
8. **Grand Round of the Clinical Neurophysiology Department**, Copenhagen 5/12/2025: How to progress in SUDEP prevention
9. **7th Annual Nordic meeting**, Oslo 6/11/2025: SUDEP in drug resistant epilepsies and developmental and epileptic encephalopathies
10. **XXVII World Congress of Neurology**, Seoul 15/10/2025: AI in clinical neurology
11. **XXVII World Congress of Neurology**, Seoul 13/10/2025: Risk factors and possible pathomechanisms of SUDEP
12. **18th Panhellenic Congress of Epilepsy**, Heraklion 27/9/25: Seizure detection with non-EEG wearable devices
13. **5th International Congress on Mobile Health and Digital Technology in Epilepsy**, Copenhagen 5/9/25: Accelerometry-based seizure detection using an inexpensive smart watch. Philippe Ryvlin
14. **36th International Epilepsy Congress**, Lisbon 31/8/25: Safety in the EMU
15. **36th International Epilepsy Congress**, Lisbon 30/8/25: Role of neuromodulation in epilepsy surgery
16. **11th Congress of the European Academy of Neurology**, Helsinki 23/6/25: Uncovering the central autonomic network using human intra-cerebral EEG data
17. **11th Congress of the European Academy of Neurology**, Helsinki 22/6/25: Sudden unexpected death in Epilepsy (SUDEP) - Neurologic perspectives
18. **French Neurological Society meeting**, Paris 12/6/2025: SUDEP non-EEG biomarker
19. **6th Asian SEEG course**, Kuala Lumpur 28/5/2025: Insula, motor behaviors and tonic seizures
20. **3rd International Conference on artificial intelligence in epilepsy and neurological disorders**, Breckenridge 04/03/2025: Re-visiting AI Based Detection of Generalized Convulsive Seizures
21. **UT Health Houston Grand Round**, Houston 28/2/2025: Ictal semiology
22. **13th European SEEG course**, Venise 11/2/2025: Will AI help to predict SEEG failures
23. **University Hospitals Cleveland Epilepsy Grand Round** (webinar), 13/1/2025: Sudden Unexpected Death in Epilepsy
24. **Journée d'histoire des neurosciences**, Paris, 12 December 2024: Histoire des définitions électrocliniques des épilepsies
25. **1st Symposium on AI-Driven Advances in Clinical and Translational Medicine**, Lausanne, 13 November 2024: AI for ambulatory seizure detection
26. **SUDEP Risk Assessment & Prevention Workshop**, New-York 24 October 2024: The SUDEP-CARE score
27. **SUDEP Risk Assessment & Prevention Workshop**, New-York 23 October 2024: MORTEMUS (MORTality in Epilepsy Monitoring UnitS)

28. **SUDEP Risk Assessment & Prevention Workshop**, New-York 23 October 2024: REPO₂MSE (National network for the study of risk factors and prevention of sudden unexpected death in epilepsy)
29. **DACH annual meeting**, Montreux 4 October 2024: The prevention of SUDEP
30. **2024 Principles of Clinical Neurophysiology Courses of the American Clinical Neurophysiology Society** (Webinar), 28 September 2024: Caveats and limitations of SEEG
31. **18th Panhellenic Congress of Epilepsy**, Thessaloniki, 27 September 2024 : AI in epilepsy, Can we separate the wheat from the chaff
32. **Moroccan Society of Neurophysiology** (Webinar), 15 September 2024: Insular Epilepsies
33. **15th European Epilepsy Congress**, Roma, 7 September 2024: Standard resection versus minimal invasive surgery
34. **15th European Epilepsy Congress**, Roma, 8 September 2024: Multidisciplinary data sharing – What have we learned from the Human Brain Project
35. **10th Congress of the European Academy of Neurology**, Helsinki, 1 July 2024: Perspectives on the Integration of AI in Neurology
36. **10th Congress of the European Academy of Neurology**, Helsinki, 30 June 2024: FERES (Federating European REGistries for Stroke)
37. **62nd Annual Meeting of the German Society for Epileptology**, Offenburg, 14 June 2024: An international approach to validate relations between seizure onset zone and semiology
38. **62nd Annual Meeting of the German Society for Epileptology**, Offenburg, 13 June 2024: Epilepsy therapy beyond antiseizure drugs: a critical update
39. **5th Asian SEEG course**, Cely, 16 May 2024: EpiCARE EBRAINS Human Intracerebral EEG research project
40. **2nd International Conference on artificial intelligence in epilepsy and neurological disorders**, Park City, USA, 2 April 2024: Big Data Platforms and setting the stage for Epilepsy AI
41. **2nd International Conference on artificial intelligence in epilepsy and neurological disorders**, Park City, USA, 1 April 2024: SEEG and the Human Brain Project
42. **YESS 2024, Young Epilepsy Symposium Switzerland**, Bern, 21 March 2024: Epilepsy research of the future
43. **Update in Epileptology**, Padova, 9 February 2024: Wearable and implantable devices
44. **17th Panhellenic Congress of Epilepsy**, Athens, 30 September 2023: SUDEP risk and prevention for patients and caregivers
45. **17th Panhellenic Congress of Epilepsy**, Athens, 29 September 2023: Epilepsy Research Priorities
46. **15th International Epilepsy Colloquium**, Cleveland, 20 September 2023: The Epileptogenic Zone and Network - Advantages, Disadvantages
47. **35th International Epilepsy Congress**, Dublin, 2 September 2023: SEEG in MRI negative patients
48. **35th International Epilepsy Congress**, Dublin, 2 September 2023: A potential candidate for surgery
49. **Health Data Science Network** (Webinar), 28 August 2023: Sharing Health Data in Europe
50. **9th congress of the European Academy of Neurology**, Budapest, 1 July 2023: Epilepsy Therapy beyond antiseizure drugs: update and news
51. **Neuroscience School of Advanced Studies**, Crans-Montana, 21 June 2023: The Human Brain Project and European epilepsy collaborations at scale
52. **34th National Neurology Conference**, Athens, 18 June 2023: Sudden Unexpected Death in Epilepsy
53. **4th Asian SEEG course**, Cely, 23 May 2023: The autonomic system and the risk of SUDEP

54. **4th Asian SEEG course**, Cely, 26 May 2023: EpiCARE EBRAINS Human Intracerebral EEG research project
55. **European Academy of Neurology Science School**, Salzburg, 20 March 2023: Principles of federated data and learning
56. **1st International Conference on artificial intelligence in epilepsy and neurological disorders**, Breckenridge, USA, 7 March 2023: AI and global initiatives on epilepsy
57. **12th European SEEG course**, Venice, 21 February 2023: The autonomic system and the risk of SUDEP
58. **12th European SEEG course**, Venice, 24 February 2023: EpiCARE EBRAINS Human Intracerebral EEG
59. **The Limbic – Epilepsy webinar** (Australian webinar), 22 November 2022: Understanding and Preventing SUDEP
60. **14th Asian & Oceanian Epilepsy Congress** (webinar), 18 November 2022: Neuromodulation in the treatment of epilepsy
61. **24^{èmes} Journées Françaises de l'épilepsie**, Grenoble, 6 October 2022: Epilepsy and comorbidities, a SAGE.com treatment ?
62. **5th congress of the Swiss Federation of Clinical Neuroscience Societies**, Basel, 28 September 2022: GTCS, antiseizure treatments and SUDEP
63. **16th Panhellenic Congress of Epilepsy**, (webinar), 24 September 2022: Recent advances on SUDEP research and prevention
64. **The role of digital health and telemedicine at the time of COVID-19: applications for the management of specific diseases or conditions** (webinar), 16 September 2022: Digital health in the management of neurological diseases
65. **14th International Epilepsy Colloquium**, Lausanne, 14 September 2022: Successes and failures in epilepsy surgery during the last decade
66. **SEEG course**, Calgary, 11 September 2022: SEEG, HBP & EBRAINS: from clinical challenges to research opportunities
67. **HopeforHH**, Calgary, 9 September 2022: HBP and EBRAINS: Which opportunities for HH research
68. **32nd International Congress of Clinical Neurophysiology**, Geneva, 8 September 2022: SUDEP and sleep in epilepsy
69. **Hebei Regional Alliance of Epilepsy Centers** (webinar), 6 August 2022: Neuromodulation in epilepsy in 2022
70. **14th European Epilepsy Congress**, Geneva, 11 July 2022: Epilepsy Research Advocacy
71. **14th European Epilepsy Congress**, Geneva, 11 July 2022: Recent update on SUDEP research and prevention
72. **14th European Epilepsy Congress**, Geneva, 9 July 2022: Classify this
73. **2nd Symposium on Patient Rehabilitation, Innovation and NeuroTechnologies**, Lausanne, 29 June 2022: Federated learning to leverage neurorehabilitation research
74. **National anniversary symposium of the national centre for epilepsy**, Oslo, 10 June 2022: State of the art: Epilepsy surgery & neuromodulation
75. **Neurology clinical-scientific seminars**, Padova, 31 May 2022: Human intracerebral EEG recording: from clinical challenges to reasearch opportunities
76. **4th Banff International Epilepsy Symposium** (webinar), 6 May 2022: New approaches to an old problem, novel technologies to reduce the risk of SUDEP
77. **European Academy of Neurology teaching course** (Liverpool), 24 April 2022: Clinical utility of imaging techniques for diagnosis and monitoring in epilepsy
78. **26^{èmes} Journées Neurologiques de Langue Française**, Strasbourg, 14 April 2022: Centres de référence Européens au service des patients

79. **5th Dianalund International Conference on Epilepsy**, Korsor, Denmark, 8 April 2022: Epilepsy surgery: State-of-the-art and outcome
80. **German Valentins Symposium** (webinar), 29 January 2022: Mobile Health technologies in epilepsy
81. **European Academy of Neurology EBRAINS symposium**, (Lausanne), 10 December 2021: HBP, MIP and HIP for Epilepsy
82. **European Academy of Neurology EBRAINS symposium**, (Lausanne), 9 December 2021: Why and how federating data in Medicine
83. **3rd International Congress on Mobile Health and Digital Technology in Epilepsy**, Copenhagen, 30 October 2021: Machine learning and wearable devices of the future
84. **3rd International Congress on Mobile Health and Digital Technology in Epilepsy**, Copenhagen, 29 October 2021: Why do we need new devices
85. (webinar), 2 October 2021: Wearables for epilepsy management: Today and Tomorrow
86. **15th Panhellenic Congress of Epilepsy**, (webinar), 26 September 2021: SUDEP information and prevention in clinical practice
87. **Swiss Epilepsy Center Symposium**, Zurich, 16 September 2021: How can sensor technology helps in epilepsy management
88. **International Epilepsy Congress**, Paris, 30 August 2021: Reducing seizure burden is a priority
89. **International Epilepsy Congress**, Paris, 30 August 2021: Stereo-EEG in 2021
90. **International Epilepsy Congress**, Paris, 29 August 2021: Lessons from the Human Brain Project
91. **7th congress of the European Academy of Neurology** (webinar), 20 June 2021: Cannabinoids therapy in epilepsy
92. **13th Asian & Oceanian Epilepsy Congress** (webinar), 11 June 2021: The Burden and unmet needs for patients living with IGE and PGTCs
93. **George Washington University Epilepsy Grand Round** (Webinar), 11 May 2021: Preventing SUDEP, today and tomorrow
94. **Australian Livanova webinar**, 29 March 2021: Impact of VNS beyond seizures
95. **UCB Pharma webinar**, 2 February 2021: Lacosamide in Primary Generalised Tonic-Clonic Seizure
96. **1st In search of lost time meeting**, Roma, 18 December 2020: How do machine learn and what they can teach us
97. **American Epilepsy Society meeting** (webinar): 8 December 2020: EEG: Ultra-Long-Term Seizure Identification Devices
98. **New York University Epilepsy Grand Round** (webinar) 25 November 2020: SUDEP information and prevention in clinical practice
99. **Hungarian ILAE chapter conference**, Budapest, 30 October 2020: Mobile health to advance the prevention of SUDEP
100. **Latin American Congress on Epilepsy** (webinar), Seizure Control: How Soon is Soon Enough for Patients with Generalised Tonic-Clonic Seizures?
101. **Latin American Congress on Epilepsy** (webinar), 16 October 2020: SUDEP: Determination of high-risk patients and / or how can we prevent it?
102. **Latin American Congress on Epilepsy** (webinar), 16 October 2020: VNS benefits and effects beyond seizures
103. **Latin American Congress on Epilepsy** (webinar), 17 October 2020: Current trend and approach in Epilepsy surgery today
104. **World congress of neurorehabilitation** (webinar), 11 October 2020: Epilepsy in Elderly
105. **Lugano University Hospital Epilepsy Symposium**, Lugano, 1 October 2020: Sudden Unexpected Death : form Pathophysiology to Prevention

106. **XII Encuentro de Expertos en Epilepsia**, Madrid, 24 January 2020: Big data and artificial intelligence
107. **GW Epilepsy DiaLoGS 2019**, Londres, 16 November 2019: SUDEP: Early mortality in LGS & DS, prevention, technologies and biomarkers
108. **Frankfurt University Hospital Epilepsy Symposium**, Franckfurt, 9 November 2019: From SUDEP to neurotechnologies
109. **Inselspital Bern Headache Symposium**, Bern, 7 November 2019: What do CGRP inhibitors bring to migraine prophylaxis
110. **IEEE/ACM ESWEEK Conference**, New-York, 16 October 2019: The future of internet of medical things
111. **Danish Neurological Society meeting**, Copenhagen, 4 October 2019: Sudden unexpected death in epilepsy
112. **2nd International meeting on Mobile Health Devices and Seizure Detection in Epilepsy**, Lausanne, 6 September 2019: Detecting focal seizure
113. **BRAINComp workshop on biosinpiired computing**, Cetraro, 17 July 2019: Bioinspired computing in healthcare: Are we there?
114. **33rd International Epilepsy Congress**, Bangkok, 26 June 2019: Wearable devices for SUDEP prevention
115. **33rd International Epilepsy Congress**, Bangkok, 25 June 2019: Focal seizures
116. **33rd International Epilepsy Congress**, Bangkok, 23 June 2019: Machine learning and artificial Intelligence – is the future already here?
117. **12th PanHellenic congress of epilepsy**, Athens, 8 June 2019: Laser ablation for epilepsy surgery
118. **3rd Asian SEEG course**, Singapore, 4 June 2019: The anatomy and connectivity of the insular lobe
119. **12th International Epilepsy Colloquium**, Lyon, 28 May 2019: The Stereo EEG training course
120. **Danish epilepsy society meeting**, Copenhagen, 9 May 2019: Epilepsy surgery: the evaluation flowchart and evidence for the efficacy of surgical treatment
121. **Forum Medicine 21: Future of Medical Universities**, Salzburg, 29 March 2019: Connected patients, **Connected hospitals**
122. **StereoEEG symposium KDAH 2019**, Mumbai, 13 January 2019: Insular seizures and epilepsies
123. **StereoEEG symposium KDAH 2019**, Mumbai, 11 January 2019: My depths are better than your grids and vice versa !
124. **StereoEEG symposium KDAH 2019**, Mumbai, 11 January 2019: SEEG in frontal lobe epilepsies
125. **StereoEEG symposium KDAH 2019**, Mumbai, 11 January 2019: The role of multimodal imaging
126. **Advances in Neuroscience and new strategies for preventing and treating brain diseases**, Moscow, 12 November 2018: The Human Brain Project and EpiCARE
127. **13th European Congress on Epileptology**, Vienna, 30 August 2018: The medical perspective
128. **13th European Congress on Epileptology**, Vienna, 29 August 2018: Wearable seizure detection devices and SUDEP prevention
129. **13th European Congress on Epileptology**, Vienna, 28 August 2018: The connected patient : monitoring seizures and beyond
130. **13th European Congress on Epileptology**, Vienna, 28 August 2018: E-PILEPSY : The European pilot Reference Network
131. **13th European Congress on Epileptology**, Vienna, 28 August 2018: Seizure semiology and seizure onset zone

132. **New frontiers in Neuromodulation**, Brussels, 30 June 2018: The roadmap to SUDEP prevention
133. **Brain 2018**, Gramado (Brazil), 23 June 2018: Mobile health: Wearable devices, seizure anticipation and the monitoring of stress-related co-morbidities
134. **Brain 2018**, Gramado (Brazil), 23 June 2018: The hidden fear of death in people with epilepsy: How real is the risk and how to prevent?
135. **Brain 2018**, Gramado (Brazil), 22 June 2018: Temporal Plus Epilepsy
136. **3rd Congress of the European Academy of Neurology**, Lisbon, 16 June 2018: Terminology of seizure types
137. **11th PanHellenic congress of epilepsy**, Ioannina, 19 May 2018 : Wearable devices for Seizure Detection
138. **Human Brain Project scientific meeting**, Alpbach (Austria), 8 May 2018: Disorders of consciousness: The Human epilepsy “model”
139. **European Brain Council meeting**, Brussels, 24 April 2018: Global priorities for epilepsy research
140. **2nd Asian SEEG course**, Singapore, 22 April 2018 : Radio-Frequency Thermo-Coagulation RFTC
141. **American Epilepsy Society**, Washington, 3 December 2017: Functional connectivity of the insula
142. **European Congress in NeuroRehabilitation 2017**, Lausanne, 26 October 2017: The Neurotechnological future of Neurorehabilitation: To Restore or To Renew ?
143. **32nd International Epilepsy Meeting**, Barcelona, 6 September 2017: Highlights
144. **32nd International Epilepsy Meeting**, Barcelona, 5 September 2017: Video series: Paroxysmal Motor Phenomena : epilepsy or movement disorder ?
145. **32nd International Epilepsy Meeting**, Barcelona, 4 September 2017 Novel technologies for epilepsy: an overview
146. **1st International congress on mobile health devices and seizure detection in epilepsy**, Copenhagen, 7 July 2017: SUDEP prevention
147. **3rd Congress of the European Academy of Neurology**, Amsterdam, 24 June 2017: Hypermotor seizure
148. **10th International Epilepsy Colloquium**, Miami, 15 June 2017, Epilepsy Surgery – Has the Post-Resection Era Begun?
149. **First international course of PET in Epilepsy**, Orsay, 2 June 2017, Is PET redundant with SPECT and MEG ?
150. **Annual meeting of the German, Austrian and Swiss leagues against epilepsy**, Vienna, 4 May 2017, Why do we need electronic support of people with epilepsy
151. **1st Asian SEEG course**, Singapore, 23 April 2017, SEEG in Frontal Lobe Epilepsies
152. **Danish Neurological Society Annual Meeting**, Veile, 31 March 2017, Epilepsy surgery - state-of-the-art and future perspectives
153. **29th Portuguese epilepsy congress**, Lisbon, 11 March 2017, Therapeutic challenges in idiopathic generalized epilepsies and generalized tonic-clonic seizures
154. **29th Portuguese epilepsy congress**, Lisbon, 11 March 2017, Electro-clinical correlations in generalized seizures
155. **Compumedics Clinical CURRY School**, Lyon, 8 March 2017, Electrical and magnetic source localisation and imaging in epilepsy surgery
156. **Compumedics Clinical CURRY School**, Lyon, 10 March 2017, **Intracranial EEG investigations**
157. **8th International SEEG course**, Venice, 9 February 2017, The functional anatomy and connectivity of the insular lobe
158. **Invited conference in Japan**, Nagoya, 24 November 2016, Rationale add-on therapy

159. **Invited conference at Rigshospitalet, Copenhagen**, 12 November 2016, Challenges and opportunities in localizing hypermotor seizures
160. **Invited conference at Rigshospitalet, Copenhagen**, 12 November 2016, Challenges and opportunities in localizing hypermotor seizures
161. **Vllth North-American SEEG course, Sacacomie**, 17 October 2016: Hypermotor frontal lobe seizures
162. **Séance de l'Académie Nationale de Médecine, Paris**, 4 October 2016: SUDEP
163. **3rd meeting of the Swiss Federation of Clinical Neuro-Societies, Basel**, 30 September 2016: Rationale Polytherapy
164. **3rd meeting of the Swiss Federation of Clinical Neuro-Societies, Basel**, 29 September 2016: State-specific (adult) epileptic syndromes
165. **Conference on Personalized Health in the Digital Age, Geneva**, 22 September 2016, Wearable devices & Mobile health for personalized brain health : The evaluation gap
166. **12th European Congress on Epileptology, Prague**, 11 September 2016, Safety issues in the monitoring unit
167. **12th European Congress on Epileptology, Prague**, 11 September 2016, VNS and SUDEP
168. **XIIIth EILAT meeting on Anti-epileptic Drugs and devices, Madrid**, 29 June 2016 : Why do we need reliable seizure detection systems
169. **XIIIth EILAT meeting on Anti-epileptic Drugs and devices, Madrid**, 27 June 2016 : Predictors of adverse effects
170. **2016 PAME conference meeting** (Partners Against Mortality in Epilepsy), Alexandria (USA), 25 June 2016 : What Have MORTEMUS and Investigations of Actual SUDEP Cases Taught Us About Pathophysiological Mechanisms of Death
171. **2016 PAME conference meeting** (Partners Against Mortality in Epilepsy), Alexandria (USA), 24 June 2016 : Are There "Dangerous" and Harmless Seizures?
172. **Brasilian League Against Epilepsy meeting, Recife**, 9 June 2016 : What is true about SUDEP
173. **Brasilian League Against Epilepsy meeting, Recife**, 8 June 2016 : The impact and potential of closed-loop neurostimulation
174. **2nd Congress of the European Academy of Neurology, Copenhagen**, 31 May 2016 : E-PILEPSY a pre-ERN pilot network of cooperation in epilepsy surgery
175. **Federation of European Academy of Medicine Spring Conference 2016**, Bern, 20 May 2016 : Quantified Self Devices in Neurological Disorders
176. **Joint annual meeting of the Swiss Epilepsy Society and Swiss Society of sleep Research, Sleep Medicine and Chronobiology, Basel**, 29 April 2016 : stimulation therapy for refractory epilepsy
177. **10th PanHellenic congress of epilepsy, Athens**, 9 April 2016 : Stereo-EEG investigations in MRI negative surgical candidates
178. **University of College London grandround, London**, 25 February 2016 : From pathophysiology to prevention of SUDEP
179. **Chalfont's conference cycle, Chalfont**, 26 February 2016 : The future of pre-surgical evaluation and epilepsy surgery
180. **Tubingen's conference cycle, Tubingen**, 17 February 2016 : Sudden unexpected death in epilepsy
181. **American Clinical Neurophysiology Society Meeting, Orlando**, 14 February 2016, Invasive EEG Investigations of Insular Interictal and Ictal Abnormalities
182. **7th International SEEG course, Venice**, 11 February 2013, Localizing significance of verbal automatisms
183. **Berlin's conference cycle, Berlin**, 16 December 2015 : Insular seizures and epilepsies

184. **EPIEXCHANGE meeting**, Ferrara, 28 October 2015 : Current epilepsy research and the priorities for future research in the EU
185. **International day of the French Neurological Society**, Paris, 23 October 2015 : Towards SUDEP prevention
186. **4th North american SEEG course**, Sacacomie (Canada), 21 September 2015, SEEG in tuberous sclerosis
187. **Adriatic Neurology Forum**, Zagreb, 17 September 2015 : Posterior cortex epilepsies
188. **31st International Epilepsy Meeting**, Istanbul, 8 September 2015 : Lateralising and localising seizures with semiology
189. **31st International Epilepsy Meeting**, Istanbul, 5 September 2015 : SUDEP: From understanding mechanisms to clinical prevention
190. **31st International Epilepsy Meeting**, Istanbul, 5 September 2015 : Risks beyond seizures
191. **Melbourne Epilepsy Meeting**, Melbourne, 8 August 2015 : SUDEP overview
192. **1st Congress of the European Academy of Neurology**, Berlin, 20 June 2015: Practical considerations for treatment decisions in new or recently diagnosed epilepsy patients
193. **1st Congress of the European Academy of Neurology**, Berlin, 21 June 2015: Are we doing enough? Treatment options and challenges
194. **1st Congress of the European Academy of Neurology**, Berlin, 21 June 2015: Reducing the burden of refractory epilepsy: What should be considered
195. **8th International Epilepsy Colloquium**, Grenoble, 17 June 2015 : Cardiac Based seizure detection system applied to close-loop vagus nerve stimulation
196. **8th International Epilepsy Colloquium**, Grenoble, 16 June 2015 : My depths are better than your strips and vice versa
197. **Invited conference**, Sao Paulo, Brasil, 11 April 2015, Reducing the burden of refractory epilepsy
198. **Epilepsy Meeting**, Barcelona, 14 March 2015 : SUDEP, Serotonin, Adenosine and Respiration
199. **Mayo Clinic GrandRound**, Rochester, 11 December 2014 : Stereo-Electroencephalography Indications and limitations
200. **American Epilepsy Society Meeting**, Seattle, 7 December 2014, SUDEP in placebo-controlled randomized trials in patients with drug-resistant seizures
201. **Greek Epilepsy Society Meeting**, Thessaloniki, 19th October 2014 : Sudden Unexpected Death in Epilepsy (SUDEP)
202. **EILAT Meeting on Antiepileptic drugs** : Madrid, 1 September 2014 : Pharmacoresistance can be predicted
203. **11th European Congress on Epileptology**, Stockholm, 3 July 2014 : Pharmacology Highlights
204. **11th European Congress on Epileptology**, Stockholm, 1 July 2014 : Reducing the burden of refractory epilepsy
205. **11th European Congress on Epileptology**, Stockholm, 30 June 2014 : From unwitnessed fatality to witnessed rescue: pharmacological intervention
206. **1st European conference on European Reference Network**, Brussels, 23 May 2014 : The refractory E-PILEPSY network
207. **Joint EFNS-ENS Congress**, Istanbul, 31st May 2014, Identification and evaluation of epilepsy surgery candidates - Neurophysiology
208. **7th International Epilepsy Colloquium**, Marburg, 30 May, 2014 : Epilepsy surgery in adults
209. **Epilepsy, Brain & Mind**, Brno, 4 April 2014: SIDS, SUDEP, Serotonin and SSRI
210. **16th annual international clinical symposium Kempenhaeghe**, Kempenhaeghe, 28 March 2014: How do you optimize AED treatment?

211. **16th annual international clinical symposium Kempenhaeghe, Kempenhaeghe**, 28 March 2014: SUDEP in monitoring units, MORTEMUS study
212. **30th International Congress of Clinical Neurophysiology, Berlin**, 21 March 2014 : Clinical perspectives of epilepsy treatment
213. **30th International Congress of Clinical Neurophysiology, Berlin**, 21 March 2014 : Progress in the semiology of psychogenic non-epileptic seizures
214. **30th International Congress of Clinical Neurophysiology, Berlin**, 21 March 2014 : Physiological cortico-cortical evoked potentials
215. **Epilepsy Research UK Expert International Workshop, SUDEP: time for prevention – evidence and clinical translation, Oxford**, 19 March 2014 : From unwitnessed fatality to witnessed rescue: pharmacological intervention, Clinical implications
216. **15th annual conference of Indian Epilepsy Association and Indian Epilepsy Society, Kolkata**, 31 January 2014 : Psychogenic Non-Epileptic Seizures in Children
217. **15th annual conference of Indian Epilepsy Association and Indian Epilepsy Society, Kolkata**, 31 January 2014 : Seizures and Headaches
218. **15th annual conference of Indian Epilepsy Association and Indian Epilepsy Society, Kolkata**, 1 February 2014 : Sudden Unexpected Death in Epilepsy
219. **3rd Epilepsy Expert Day, Dublin**, 1 November 2013: Mortality and Sudden Unexpected Death in Epilepsy
220. **8th Pan-hellenic Congress on Epilepsy, Thessaloniki**, 19 October 2013: Limbic Encephalitis
221. **47th Japanese Epilepsy Congress, Fukuoka**, 12 October 2013: Epilepsy Care Network in Europe
222. **47th Japanese Epilepsy Congress, Fukuoka**, 12 October 2013: Sudden Unexpected Death in Epilepsy – From Pathophysiology to Prevention
223. **National UCB Epilepsy Symposium, Brussels**, 28 September 2013 : Refractory epilepsy: try additional AEDs or consider early surgical evaluation ?
224. **2nd international Symposium on Hypothalamic Hamartoma, Marseille**, 20 September 2013 : PET and SPECT Care in a “wealthy” health system Does it translate into better outcome ?
225. **13th European Congress on Epilepsy and Society, Ljubiana**, 30 August 2013 : Care in a “wealthy” health system Does it translate into better outcome ?
226. **San Servolo Epilepsy Surgery Course, Venezia**, 17 July 2013 : PET and SPECT
227. **30th International Epilepsy Congress, Montreal**, 28 June 2013 : Can medical devices prevent SUDEP
228. **European Forum on Epilepsy research, Dublin**, 27 May 2013, Contribution of Neuroimaging & Neurophysiology to the understanding of Epilepsy Comorbidities
229. **6th Marburg-Cleveland-IDEE International Colloquium, Cleveland**, 22 May 2013, When to do Epilepsy Surgery in brain tumor patients
230. **Turkish clinical neurophysiology meeting, Antalya**, 4 April 2013, Preoperative evaluation of patients with extratemporal lobe epilepsy
231. **Turkish clinical neurophysiology meeting, Antalya**, 4 April 2013, Epilepsy Surgery: Preoperative mapping of surgical candidates
232. **4th International SEEG course, Lyon**, 13 February 2013, SEEG in tuberous sclerosis
233. **Intra-cerebral investigations and treatment in neuropsychiatric disorders, Lyon**, 19 November 2012, Cortico-cortical evoked responses (CCEP) Electrically-induced physiological responses
234. **10th European Congress of Epilepsy, Londres, London**, 4 October 2012, EMUs in Europe: Towards optimised organisation and patients care
235. **10th European Congress of Epilepsy, Londres, London**, 4 October 2012, Forum on Prospective International EMU-based SUDEP Study

236. **10th European Congress of Epilepsy, Londres, London**, 4 October 2012, No need for a new classification
237. **10th European Congress of Epilepsy, Londres, London**, 2 October 2012, Epilepsy classification and non-lesional epilepsy surgery
238. **10th European Congress of Epilepsy, Londres, London**, 2 October 2012, Insights from patients data (UCB)
239. **10th European Congress of Epilepsy, Londres, London**, 1 October 2012, Importance of seizure control (Eisai)
240. **10th European Congress of Epilepsy, Londres, London**, 1 October 2012, Treating the patient, not just the seizures: Long term outcome with VNS
241. **1st North american SEEG course, Sacacomie (Canada)**, 25 September 2012, Temporal «plus» epilepsy
242. **MNI conference, Montreal**, 24 September 2012, Epilepsy surgery in MRI negative epilepsy
243. **Canadian speaker tour, Montreal**, 23 September 2012, Optimizing pharmacologic treatment in epilepsy
244. **Second Halifax international epilepsy retreat, Halifax** 21 September 2012, Prevention of SUDEP in drug-resistant patients: A realistic goal ?
245. **Canadian speaker tour, Toronto**, 19 September 2012, Sudden Unexpected Death in Epilepsy (SUDEP): from pathophysiology to prevention
246. **Canadian speaker tour, Toronto**, 19 September 2012, Optimizing pharmacologic treatment in epilepsy
247. **Indian Epilepsy Course, Kolkata**, 16 September 2012, Psychogenic Non-Epileptic Seizures
248. **Indian Epilepsy Course, Kolkata**, 16 September 2012, Presurgical evaluation and Epilepsy surgery: state of the art
249. **Indian Epilepsy Course, Kolkata**, 16 September 2012, Mesial temporal lobe epilepsy
250. **Indian Epilepsy Course, Kolkata**, 15 September 2012, Neuroimaging/MRI in epilepsy diagnosis
251. **Indian Epilepsy Course, Kolkata**, 15 September 2012, Seizure semiology in adults
252. **European Federation of Neurological Society meeting, Stockholm**, 10 September 2012, Strategies for mono- and polytherapy
253. **European Federation of Neurological Society meeting, Stockholm**, 08 September 2012, Syncope that looks like a seizure
254. **Australian speaker tour, Melbourne**, 31 August 2012, Sudden Unexpected Death in Epilepsy (SUDEP): from pathophysiology to prevention
255. **Australian speaker tour, Melbourne** 30 August 2012, Optimizing pharmacologic treatment in epilepsy
256. **Australian speaker tour, Sydney** 29 August 2012, The risk of SUDEP in patients with epilepsy
257. **Australian speaker tour, Sydney** 28 August 2012, Optimizing pharmacologic treatment in epilepsy
258. **Australian speaker tour, Brisbane** 27 August 2012, Optimising outcomes in the treatment of epliepsy and the risk of sudden unexpected death (SUDEP)
259. **18th world congress of Cardiac Electrophysiology & techniques, Nice**, 15 June 2012, Neurophysiology of TLOC: Syncope and Non-Syncope
260. **Kiffin Perny symposium: Neurostimulation for epilepsy, Brussels**, 9 June 2012, Experience, Pearls and Special Populations
261. **Kiffin Perny symposium: Neurostimulation for epilepsy, Brussels**, 8 June 2012, Overview of treatment options and patients selection
262. **UCB Key Summit, Madrid**, 26 may 2012, New pharmacological approaches for epilepsy vs traditional approaches

263. **5th Marburg-Cleveland-IDEE International Colloquium, paediatric epilepsy surgery**, Lyon, 21 may 2012, Are other PET tracers more effective than FDG ?
264. **2nd international meeting on epilepsy, brain and mind**, Prague, 30 mach 2012, AED selection regarding cognition/emotion/behavior
265. **2nd international meeting on epilepsy, brain and mind**, Prague, 29 mach 2012, What do human neuroimaging and neurophysiological studies tell us about depression as a risk factor for epilepsy
266. **Lasse VI meeting**, Sao-Paulo, 26 February 2012, drug-drug interaction in symptomatic epilepsies
267. **Lasse VI meeting**, Sao-Paulo, 26 February 2012, Auto-immune encephalitis
268. **Réunion d'épileptologie de Suisse Romande**, Lausanne, 26 January 2012, Mort Soudaine Inattendue dans l'Epilepsie
269. **Israelian Annual Epilepsy Congress**, Tel-Aviv, 18 January 2012, SUDEP: From pathophysiology to prevention
270. **Israelian Annual Epilepsy Congress**, Tel-Aviv, 18 January 2012, Optimal pre-surgical evaluation in cryptogenic epilepsy in 2012
271. **International workshop on clinical trials in epilepsy**, Derézei (France), 18 November 2011, Deaths in placebo-controlled trials in drug-resistant epilepsy
272. **Joint FDA/EEMA meeting**, Paris, 17 November 2011, Risk of placebo-controlled trials in drug-resistant epilepsy
273. **Indian Epilepsy Course**, Bangalore, 23 October 2011, Psychogenic Non-Epileptic Seizures
274. **Indian Epilepsy Course**, Bangalore, 22 October 2011, Epilepsy surgery
275. **Indian Epilepsy Course**, Bangalore, 22 October 2011, Differentiating Mesial temporal lobe epilepsy from temporal plus epilepsies
276. **Indian Epilepsy Course**, Bangalore, 21 October 2011, Neuroimaging/MRI in epilepsy diagnosis
277. **Indian Epilepsy Course**, Bangalore, 21 October 2011, Mortality in epilepsy
278. **European Federation of Neurological Society meeting**, Budapest, 10 September 2011, Surgery in temporal lobe epilepsy
279. **29th International Epilepsy Congress**, Roma, 29 august 2011, The MORTEMUS experience
280. **29th International Epilepsy Congress**, Roma, 29 august 2011, Does mechanism of action matter in clinical practice?
281. **29th International Epilepsy Congress**, Roma, 28 august 2011, Tailoring treatment to the individual patient with epilepsy: a new era for optimising control
282. **Thai Annual Epilepsy Meeting**, Bangkok, 21 July 2011, Optimal pre-surgical evaluation in cryptogenic epilepsy in 2011
283. **Thai Annual Epilepsy Meeting**, Bangkok, 21 July 2011, Anti-epileptic drugs of 2nd generation
284. **4th Cleveland/Marburg/IDEE International Colloquium**, Marburg, 29 June 2011 : « What do we know about SUDEP »
285. **Farewell Symposium Onno van Nieuwenhuizen**, Utrecht, 15 June 2011 : « What is refractory Epilepsy »
286. **European Neurological Society (ENS) Meeting**, Lisbon, 29 May 2011 : « Treatment of Epilepsy »
287. **Antiepileptic Drugs XI meeting**, Miami, 28 April 2011 : « Placebo Effect in Epilepsy Trials »
288. **Ambassador meeting on Deep Brain Stimulation in Epilepsy**, Genève, 11 February 2011 : « Cardiac Arrhythmia and SUDEP »
289. **Danish Epilepsy Symposium**, Copenhagen, 8 February 2011 : « Tolerability of antiepileptic drugs »

290. **Second International Training Course in SEEG: Frontal Lobe Epilepsy**, Lyon, 1er February 2011 : « Frontal lobe epilepsy: Why surgical outcome is so disappointing ? »
291. **Spanish Epilepsy Meeting**, Madrid, 16 December 2010 : « Optimal presurgical evaluation in cryptogenic epilepsy in 2010 »
292. **American Epilepsy Society**, San Antonio, 3 December 2010 : « MORTEMUS »
293. **EURIPIDES Meeting**, Lyon, 25 November 2010 : « MPPF-PET imaging of Pgp in refractory partial epilepsy »
294. **European Network for Epilepsy Research**, Bruxelles, 18 November 2010 : « Towards a European Cohort of patients entering pre-surgical evaluation »
295. **Turkish Epilepsy Symposium**, Istanbul, 6 November 2010 : « Epilepsy surgery State of the Art in 2010 »
296. **44th Japanese Epilepsy Society meeting**, Okayama, 15 October 2010: « Optimizing therapy of seizures in clinical situations »
297. **Sanbo International Neuroscience Conference Beijing "2010"**, Beijin, 25 September 2010 : « Multimodal neuroimaging and reconstruction for epilepsy surgery »
298. **Sanbo International Neuroscience Conference Beijing "2010"**, Beijin, 25 September 2010 : « Stereotactic electroencephalography: from methodology to clinical application since the year of Talarach »
299. **Epilepsy and Depressive Disorders Conference**, Chicago, 12 September 2010 : « PET studies of Epilepsy and Depression »
300. **Indian Epilepsy Course**, Mumbai, 3 September 2010 : « Psychogenic Non-Epileptic Seizures »
301. **Indian Epilepsy Course**, Mumbai, 3 September 2010 : « Presurgical evaluation and Epilepsy surgery: state of the art »
302. **Indian Epilepsy Course**, Mumbai, 2 September 2010 : « Mesial temporal lobe epilepsy »
303. **Indian Epilepsy Course**, Mumbai, 2 September 2010 : « Neuroimaging/MRI in epilepsy diagnosis »
304. **Indian Epilepsy Course**, Mumbai, 2 September 2010 : « Seizure semiology in adults »
305. **European Congress of Epilepsy**, Rhodes, 1er July 2010: « MORTEMUS: MORTality in Epilepsy Monitoring Unit Study »
306. **European Congress of Epilepsy**, Rhodes, 30 June 2010: « Seizures originating in the insula: the great electro-clinical mimicker »
307. **European Congress of Epilepsy**, Rhodes, 29 June 2010: « Forthcoming developments in drug treatment: will they fill the treatment gaps? »
308. **European Congress of Epilepsy**, Rhodes, 28 June 2010: « Approaches to focus localization using modern PET tracers »
309. **European Congress of Epilepsy**, Rhodes, 28 June 2010: « Beyond AEDs – Future Directions in Epilepsy Treatment »
310. **European Neurological Society (ENS) Meeting**, Berlin, 19 June 2010 : « Hypermotor seizures »
311. **Turkish National Epilepsy Congress**, Cappadoce, 11 June 2010 : « Sudden unexpected death in epilepsy »
312. **3rd Cleveland/Marburg/IDEE International Colloquium**, Cleveland, 20 May 2010 : « Semiology of insular and fronto-basal epilepsies »
313. **3rd Cleveland/Marburg/IDEE International Colloquium**, Cleveland, 17 May 2010 : « General principles of epileptology »
314. **International Congress on Epilepsy, Brain and Mind**, Prague, 18 March 2010 : « Epilepsy and Depression: A neurobiological link »
315. **Neurology Update 2010**, Mumbai, 20 February 2010 : « Sudden Unexpected Death in Epilepsy (SUDEP): Towards a Serotonergic Hypothesis »

316. **Neurology Update 2010, Mumbai**, 19 February 2010 : « Surgery of ExtraTemporal Lobe Epilepsy »
317. **Neurology Update 2010, Mumbai**, 19 February 2010 : « Drug therapy: First Unprovoked Seizure & Newly Diagnosed Epilepsy »
318. **1st International Training Course in StereoElectroencephalography, Lyon**, 8 February 2010 : « Multimodal imaging and SEEG »
319. **Conférences de Neurologie du CHU de Lausanne** (Pr Frackowiack), Lausanne, 20 January 2010 : « Sudden Unexpected Death in Epilepsy (SUDEP): Towards a Serotonergic Hypothesis »
320. **Claudio Munari Workshop, Milan**, 18 December 2009 : « Functional imaging and SEEG »
321. **American Epilepsy Society, Boston**, 6 December 2009 : « PET imaging of P-gp activity Human »
322. **28th joint Czech-Slovak Epileptological Congress, Bratislava**, 28 November 2009 : « Meta-analysis of modern AEDs: Methodological issues, pitfalls, and relevant findings »
323. **Euripides scientific meeting, Manchester**, 26 November 2009 : « MPPF-PET imaging of Pgp in refractory partial epilepsy »
324. **Symposium sur la Stimulation du Nerf Vague, Sao Paulo**, 15 October 2009 : « VNS in epilepsy: An update »
325. **Deutschen, Österreichischen und Schweizerischen Arbeitskreises für Epilepsie, Schluchsee**, 3 October 2009 : « From MORTEMUS to SF »
326. **Montreal Neurological Institute Conference, Montréal**, 17 September 2009 : « Mortality and SUDEP in epilepsy »
327. **Conférence invitée à l'Université du Québec, Montréal**, 17 September 2009 : « Placebo Effect »
328. **Korean Epilepsy Meeting, Seoul**, 05 September 2009 : « Anti-Epileptic Drugs in Europe »
329. **National meeting of the Philippines League Against Epilepsy, Tacloban**, 4 September 2009 : « Advances in the understanding of pharmacoresistance in epilepsy »
330. **National meeting of the Philippines League Against Epilepsy, Tacloban**, 3 September 2009 : « Mortality and SUDEP in epilepsy »
331. **National meeting of the Philippines League Against Epilepsy, Tacloban**, 3 September 2009 : « Mechanisms of action of new antiepileptic drugs »
332. **International Epilepsy Congress, Budapest**, 1^{er} July 2009 : « Refractory Epilepsy and realistic goals: Can seizure control be achieved »
333. **International Epilepsy Congress, Budapest**, 29 June 2009 : « 5-HT_{1A} receptor imaging of Depression in Temporal Lobe Epilepsy »
334. **Spring Hippocampal Conference, Vérone**, 15 June 2009 : « Insights in the role of the Hippocampus in mood/anxiety disorders associated with Temporal Lobe Epilepsy »
335. **UCB Master Class, Londres**, 6 June 2009 : « Refractory Generalised Epilepsies: How to identify »
336. **1st International Colloquium of Paediatric Epilepsy Surgery, Lyon**, 6 May 2009 : « MRI-negative focal epilepsy: When to use novel imaging techniques ? »
337. **French Japanese Epilepsy Meeting, Shizuoka**, 20 January 2009 : « Temporal plus epilepsy »
338. **French Japanese Epilepsy Meeting, Tokyo**, 19 January 2009 : « Epilepsy and Pregnancy »
339. **American Epilepsy Society, Seattle**, 8 December 2008 : « MORTEMUS: MORTality in Epilepsy Monitoring Unit Study »
340. **Australian Epilepsy Congress, Sydney**, 5-6 November 2008 : « Advances in epilepsy medications »
341. **Australian Epilepsy Congress, Sydney**, 5-6 November 2008 : « MORTEMUS: MORTality in Epilepsy Monitoring Unit Study »
342. **Australian Epilepsy Congress, Sydney**, 5-6 November 2008 : « AED efficacy: Meta-analysis »

343. **Australian Epilepsy Congress, Sydney**, 5-6 November 2008 : "SEEG in Extra-Temporal Epilepsies"
344. **8th European Congress of Epileptology, Berlin**, 21-24 September 2008 : "MORTEMUS: MORTality in Epilepsy Monitoring Unit Study"
345. **8th European Congress of Epileptology, Berlin**, 21-24 September 2008 : "Does mode of action generate synergistic effects?"
346. **8th European Congress of Epileptology, Berlin**, 21-24 September 2008 : "Managing partial onset seizures: choices to individualize treatment"
347. **12th European Federation of Neurological Societies Meeting, Madrid**, 24-26 June 2008 : "Monotherapy New Gold Standard: Cons"
348. **12th European Federation of Neurological Societies Meeting, Madrid**, 24-26 June 2008 : "Epileptic seizures versus syncope"
349. **European Forum addressing Challenges in Epilepsy Care, Budapest**, 27-30 June 2008 : "Indirect Comparisons of Add-on Trials, Systematic Reviews and Metanalysis"
350. **European Forum addressing Challenges in Epilepsy Care, Budapest**, 27-30 June 2008 : "Interpreting ADD-on trials"
351. **European Forum addressing Challenges in Epilepsy Care, Budapest**, 27-30 June 2008 : "Limbic Encephalitis"
352. **International Colloquium on TLE, Marburg**, 22-23 June 2008 : «Temporal vs Temporal plus epilepsy »
353. **International Colloquium on TLE, Marburg**, 22-23 June 2008 : " The concepts of Mesial Temporal Lobe Epilepsy (MTLE)"
354. **9th International Conference on AEDs, Sitges**, 15 June 2008 : "Old and new AEDs in Idiopathic Generalised Epilepsy: Review of the evidence"
355. **FP7 EURIPIDES Project Meeting, Munich**, 11 April 2008 : "Clinical experience with MPPF PET"
356. **4th Progress in Epileptic Disorders, Sitges**, 5 April 2008 : "Prevention of drug resistance"
357. **UCB Master class, Mayens**, 29 March 2008 : "Comorbidities in elderly patients with epilepsy"
358. **UCB Master class, Mayens**, 29 March 2008 : "Comparison of AED Effectiveness in Monotherapy RCTs in elderly"
359. **Workshop on VNS in Depression, Bruxelles**, 20 March 2008 : "MOAs of VNS in depression"
360. **Turkish Educational Neurological Meeting, Antalya**, 2 March 2008 : "Medical Management of seizures in patients with brain tumor"
361. **Workshop on Drug Resistant Epilepsy, Istanbul**, 1er March 2008 : "Meta-analysis of AEDs"
362. **Swiss Epilepsy Centre Conference, Zurich**, 14 February 2008 : "Mortality and Sudden Unexpected Death in Epilepsy"
363. **European Neurological Conference on Clinical Practice, Budapest**, 2 February 2008 : « Current Challenges in the Management of Newly Diagnosed Epilepsy"
364. **Columbia University Grand Round, New York**, 10 December 2007 : "Insular connections"
365. **French Canadian Epilepsy Meeting, Montréal**, 29 November 2007 : "PET: To whom does it really benefit ?"
366. **Claudio Munari Workshop, Nice**, 8 November 2007 : « Structural and Functional Neuroimaging in Temporal Lobe Epilepsy"
367. **Workshop on Vagus Nerve Stimulation, Manchester**, 6 November 2007 : "Recent progress in the mechanisms of action of VNS"
368. **27th International Epilepsy Congress, Singapour**, 9-11 July 2007 : "Choosing a Therapeutic Strategy"
369. **27th International Epilepsy Congress, Singapour**, 9-11 July 2007 : "Efficacy of AEDs: What is the Current Evidence?"

370. **27th International Epilepsy Congress, Singapour**, 9-11 July 2007 : "Prophylactic and therapeutic role of AEDs in brain tumour patients"
371. **27th International Epilepsy Congress, Singapour**, 9-11 July 2007 : "Imaging 5-HT1A receptors in patients with epilepsy using [18F]-MPPF"
372. **Workshop on Pharmacoresistant Epilepsy, Sao Polo**, 30 June 2007 : "VNS in refractory partial epilepsy"
373. **Interactive Educational Meeting on Individualised Patients Management in Epilepsy, Berlin**, 12 May 2007 : "Choosing a therapeutic strategy"
374. **Epilepsy Update Meeting, Zurich**, 6 May 2007 : "Monotherapy Randomised Controlled trials"
375. **UCB Master class, Paris**, 5 May 2007 : « Tailoring management to the individual needs of the patient"
376. **UCB Master class, Paris**, 5 May 2007 : « When and how to start an antiepileptic treatment"
377. **Belgium Neurological Society meeting, Louvain**, 24 March 2007 : "Challenges in TLE surgery"
378. **3rd Progress in Epileptic Disorders, Rome**, 8-11 March 2007 : "Evidence based treatment in epilepsy: The Circle of Trust"
379. **8th International Conference on AEDs, Sitges**, 11-14 September 2006 : "Experimental basis of Anti-epileptic Neurostimulation"
380. **8th International Conference on AEDs, Sitges**, 11-14 September 2006 : "Update on Pregabalin"
381. **7th European Congress of Epileptology, Helsinki**, 1-5 July 2006 : "Usefulness of Guidelines in Epilepsy"
382. **7th European Congress of Epileptology, Helsinki**, 1-5 July 2006 : "Temporal plus epilepsy"
383. **7th European Congress of Epileptology, Helsinki**, 1-5 July 2006 : "Selecting the first AED"
384. **Workshop on Epilepsy Management, Chalfont**, 30 June 2006 : "Treatment goals and current practice"
385. **Regional Epilepsy Meeting, Bristol**, 26 May 2006 : "Meta-analysis of modern AEDs"
386. **Regional Epilepsy Meeting, Londres**, 25 May 2006 : "Meta-analysis of modern AEDs"
387. **Joint French German Epilepsy Meeting, Strasbourg**, 4-6 May 2006 : « Meta-analysis of modern AEDs»
388. **European Society for Pediatric Neurosurgery, Fort de France**, 9 March 2006 : "Functional imaging of DNTs"
389. **18th World Congress of Neurology, Sydney**, 5-11 November 2005 : "Cognition and Epilepsy"
390. **9th European Federation of Neurological Societies Meeting, Athènes**, 17-20 September 2005 : "Epilepsy: A mosaic of seizure type"
391. **9th European Federation of Neurological Societies Meeting, Athènes**, 17-20 September 2005 : "Insular Epilepsy"
392. **9th European Federation of Neurological Societies Meeting, Athènes**, 17-20 September 2005 : "Improving diagnosis: Avoiding the pitfalls"
393. **26th International Epilepsy Congress, Paris**, 28-31 August 2005 : "Surgically-resistant epilepsy and the impact of surgery on mortality"
394. **Workshop on the mechanism of action of VNS, Miami**, le 4 August 2005 : "VNS and serotonin"
395. **Cochrane Meeting on Epilepsy, Londres**, le 3 July 2005 : "Meta-analysis of anti-epileptic drugs"
396. **Italian Neurosurgical Meeting, Rome**, le 12 June 2005 : "European experience with VNS: From mechanisms of action to quality of life"
397. **1st Progress in Epileptic Disorders, Rome**, 4 March 2005 : "What future for neuroimaging techniques in evaluating cognition in children"

398. **Regional Epilepsy Meeting, Liège, 24 February 2005 :** « Insular and Temporal Plus Epilepsies »
399. **Workshop on the mechanisms of action of VNS, Houston, 8 December 2004 :** « Vagus Nerve Stimulation and Serotonin : The missing link ».
400. **American Epilepsy Society Media Press Briefing, New Orleans, 4 December 2004 :** « Optimising efficacy and tolerability towards an ideal treatment for long-term epilepsy management »
401. **PULSE study meeting, New Orleans, 3 December 2004 :** « European PULSE study: Prospective long term effectiveness of Vagus Nerve Stimulation »
402. **French-US workshop on the Epileptogenic Zone, Cleveland, 2 December 2004 :** « Avoid falling into the depth of the insular trap »
403. **Swiss Neurological Society Meeting, Genève, 4-6 November 2004 :** « PET versus intra-cranial EEG : a mismatch situation »
404. **Workshop of the International League Against Epilepsy on Cognitive and behavioural outcome of epileptic syndromes, Bologne, 8-9 October 2004 :** « Nocturnal frontal lobe epilepsy (autosomal or sporadic) »
405. **8th European Federation of Neurological Societies meeting, Paris, 5 September 2004 :** « Success in Clinical Trials – Profiling Pregabalin, the Newest AED »
406. **6th European Congress on Epileptology (ECE), Vienne (Autriche), 1-3 June 2004 :** « Laying the foundations for epilepsy diagnosis and treatment »
407. **6th European Congress on Epileptology (ECE), Vienne (Autriche), 1-3 June 2004 :** « The place of FDG-PET »
408. **6th European Congress on Epileptology (ECE), Vienne (Autriche), 1-3 June 2004 :** « Is refractory epilepsy preventable »
409. **Workshop on PET and Radiotracers in Epilepsy, Londres, 1^{er} March 2004:** « FDG and Flumazenil PET vs MRI : *The issues* »
410. **Workshop on Vagus Nerve Stimulation, Vienne (Autriche), 20 February 2004 :** « Towards an understanding of the mechanism of VNS »
411. **International symposium on tuberous sclerosis, Montréal, 4 December 2003 :** « Structural imaging in tuberous sclerosis complex »
412. **Workshop on Drug Resistant Epilepsy, Manchester, 18-19 November 2003 :** « Clinical Outcomes in Pharmacoresistant Epilepsy : long-term safety, tolerability, and seizure control »
413. **Workshop on Drug Resistant Epilepsy, Manchester, 18-19 November 2003 :** « Mortality outcome with non-pharmacological treatment »
414. **25th International Epilepsy Congress (IEC), Lisbonne, 13 October 2003 :** « Efficacy versus effectiveness : a modern debate »
415. **European Core Meeting on VNS Therapy, Bruxelles, 12-13 March 2003 :** « VNS therapy mechanism of action »
416. **5th European Congress of Epileptology, Merritt-Putnam Symposium, Madrid, 9 October 2002 :** « Beyond Pharmacotherapy : surgical Management ».
417. **10th European Congress of Clinical Neurophysiology, Lyon, 26-30 August 2000 :** « Cortical impact of Vagus Nerve Stimulation »
418. **10th European Congress of Clinical Neurophysiology, Lyon, 26-30 August 2000 :** « Day and night seizures : Are they always alike ? »
419. **Workshop of the International League Against Epilepsy on Temporal Lobe Epilepsy, Rouffach, 8 June 2000 :** « Bi-temporal epilepsies »