

PUBLICATIONS

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- 3/ BODA B, ALBERI S, NIKONENKO I, NODE-LANGLOIS R, **JOURDAIN P**, MOOSMAYER M, PARISI-JOURDAIN L, MULLER D. *The mental retardation protein PAK3 contributes to synapse formation and plasticity in hippocampus*. **J Neurosci**, 24(48):10816-25. (2004)
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- 5/ NIKONENKO I, **JOURDAIN P**, MULLER D. *Presynaptic remodeling contributes to activity-dependent synaptogenesis*. **J Neurosci**, 23(24):8498-505. (2003)
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- 10/ **JOURDAIN P**, POULAIN DA, THEODOSIS DT, ISRAEL JM. *Electrical properties of oxytocin neurons in organotypic cultures from postnatal rat hypothalamus*. **J Neurophysiol**, 76(4):2772-85. (1996)

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- 1/ NIKONENKO I, **JOURDAIN P**, ALBERI S, TONI N, MULLER D. *Activity-induced changes of spine morphology*. **Hippocampus**, 12(5):585-91. (2002)
- 2/ Muller D, Nikonenko I, **Jourdain P**, Alberi S. *LTP, memory and structural plasticity*. **Curr Mol Med**, 2(7):605-11. (2002)
- 3/ **JOURDAIN P**, DUPOUY B, BONHOMME R, THEODOSIS DT, POULAIN DA, ISRAEL JM. *Electrophysiological studies of oxytocin neurons in organotypic slice cultures*. **Adv Exp Med Biol**. 449:135-45 (1998)

CHAPTERS

P. Marquet, **P Jourdain**, C. Depeursinge and P. J. Magistretti, "Water movements associated with neuronal activity revealed by optical methods: focus on Digital Holographic Microscopy"; Chap. 15, *Water: The Forgotten Biological Molecule* Edited by Denis Le Bihan and Hidenao Fukuyama Copyright © 2011 by Pan Stanford Publishing Pte. Ltd. www.panstanford.com

JOURDAIN P, DUPOUY B, BONHOMME R, THEODOSIS DT, POULAIN DA, ISRAEL JM. « *Organotypic slice cultures of rat hypothalamus*” in **The neuron in tissue culture**, chapter 30.4.2., 693-697, John Wiley & Sons, Ltd (1999)