Département de psychiatrie
Centre de neurosciences psychiatriques
Site de Cery
CH-1008 Prilly - Lausanne

Centre de Neurosciences Psychiatriques

CNP SEMINAR

ANNOUNCEMENT

Friday, March 22, 2013, 11:15

"Mouse models for improved understanding and treatment of depression"

Dr. Christopher R. Pryce

Preclinical Laboratory
for Translational Research into Affective Disorders (PLaTRAD)
Department of Psychiatry, Psychotherapy and Psychosomatics
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Christopher Pryce works at establishing new animal models that better epitomize salient signs of depression. In his elegant approach, he moves from paradigms assessing "symptoms" such as learned helplessness, or negative feedback sensitivity, that he validates both in construct and prediction, probing their sensitivity to genetic vulnerabilities, environmental adverse conditions, and antidepressant treatments.

Recent publications:

1. Establishing a probabilistic reversal learning test in mice: evidence for the processes mediating reward-stay and punishment-shift behaviour and for their modulation by serotonin.
   Ineichen C, Sigrist H, Spinelli S, Lesch KP, Sautter E, Seifritz E, **Pryce CR**. Neuropharmacology. 2012

2. Establishing a learned-helplessness effect paradigm in C57BL/6 mice: behavioural evidence for emotional, motivational and cognitive effects of aversive uncontrollability per se. **Pryce CR**, Azzinnari D, Sigrist H, Gschwind T, Lesch KP, Seifritz E. Neuropharmacology. 2012

3. A translational research framework for enhanced validity of mouse models of psychopathological states in depression. **Pryce CR**, Seifritz E. Psychoneuroendocrinology. 2011