

Master 2 Neurosciences Fondamentales et Cliniques - UCB Lyon 1

UE Neural Basis of Cognition - *with the support of Labex Cortex*

Contact: Yves Rossetti (yves.rossetti@inserm.fr)

GENERAL INTRODUCTION

Monday 5th November 2018 Amphi 2, Bâtiment B13, Hôpital Neuro-Cardio (Bron)

09.00-12.00 **General introduction** A Bidet-Caulet & Y Rossetti (CRNL)

How to prepare for the exam

Instructions for the organisation of the UE

VISION

Wednesday 7th November 2018 Amphi 2, Bâtiment B13, Hôpital Neuro-Cardio (Bron)

09.00-10.20 **Introduction** Y Rossetti (CRNL)

10.30-12.00 **Neuropsychological approach to the dorsal pathway** L Pisella (CRNL)

14.00-15.20 **Animal electrophysiology of the ventral route** P Girard (CERCO Toulouse)

15.30-16.50 créneau à définir

AUDITION

Friday 9th November 2018 Amphi 2, Bâtiment B13, Hôpital Neuro-Cardio (Bron)

09.00-10.30 **Introduction to the auditory system** B Intartaglia (CRNL)

10.45-12.00 **Human electrophysiology of auditory attention** A Bidet-Caulet (CRNL)

14.00- 15.15 **Auditory plasticity and clinical implications** A Moulin (CRNL)

15.30-17.00 **Atelier interactif** (en français)

ACTION

Tuesday 13th November 2018 Salle 203, Bâtiment Jean-François Cier (Campus Lyon Santé Est)

09.00-09.30 **Introduction** Y Rossetti

9h35-10h30 **Voluntary action and automatism: cortico-stripped circuits** L Tremblay (ISCMJ)

10.45-12.00 **Electrophysiological approaches to decision making** D Thura (CRNL):

14.00-15.20 **Intentionality and agentivity** C Farrer (CERCO Toulouse)

15.30-16.50 **Dysinhibition of actions following frontal damage** ChiharuNiki (Tokyo, chaire Neurodis)

PLASTICITY

Friday 16th November 2018 Amphi 2, Bâtiment B13, Hôpital Neuro-Cardio (Bron)

09.00-10.20 **Introduction, concepts and paradigms** P Giraux (St Etienne)

10.30-11.50 **Plasticity of body and space representations** C Brozzoli (CRNL)

14.00-15.20 **Sensori-motor development** C Schmitz (CRNL)

15.30-16.50 **The cognitive neuroscience of meditation** A Lutz (CRNL)

CRNL CONFERENCE

Monday 19th November 2018 Amphi, Institut Des ÉpilepsiEs IDEE, (Bron)

12.00-14.00 **Identity : Linking Mental Files in the Brain** Pr Josef Perner (Salzburg)