

Programme RFRD 2024

Grand Château, Parc Valrose

Vendredi 12 avril / Friday, April 12

9h00 : Accueil des participants / Welcome

9h15 : Ouverture du symposium / Symposium opening

9h30 -10h30 : **Communications orales / Oral communications - Session 1**

chair : Raphaële Le Garrec / Cyril Goudet

- Alexandre Charlet (INCI Strasbourg)
Parvocellular oxytocin neurons project to the periaqueductal gray to induce anti-hyperalgesia
- Aurélie Leplus (CHU -FHU Nice)
Somatotopy of the human somatosensory thalamus: inputs from directional deep brain stimulation in patients with refractory neuropathic pain
- Guillaume Robert (IBDM Marseille)
C-Low-Threshold-MechanoReceptors (C-LTMRs): from pleasant touch to pain modulation
- Lauriane Delay (Neuro-Dol Clermont-Ferrand)
Functional connectivity changes in preclinical models of migraine-like headaches using a new approach of neuroimaging: the functional ultrasound imaging (fUSi)

10h30-11h00 : Laurent Misery (LIEN, Brest) “ Translational research on pruritus “

chair : Michel Lanteri-Minet

11h00-11h30 Pause-café / Coffee break

11h30-12h30 : **Conférence plénière 1 / Keynote 1– Dr Kirsty Bannister** (Wolfson Sensory, Pain and Regeneration Centre, King's College London, UK)

chair : Eric Lingueglia

“The top down control of pain in health and disease: from bench to bedside”

12h30-14h00 Déjeuner / Lunch

14h00-15h00 : **Communications orales / Oral communications - Session 2**

chair : Christine Courteix / Nicolas Cenac

- Marc Landry (IMN Bordeaux)
Anti-Nociceptive Role of The Relaxin-3/RXFP3 Peptidergic System
- Hélène Bastuji (NeuroPain Lyon)
Intracranial EEG spectra: a pathway to optimise neurostimulation?
- Gawain Grellier (IGF Montpellier)
A new model for studying the onset of Parkinson disease related sensory deficits
- Romane Boyer (Neuro-Dol Clermont-Ferrand)
TREK1 channels expressed in peripheral nervous system participate to thermonociception

15h00-16h00 : **Session FHU InovPain 2.0**

chair : Emmanuel Deval

- Denys Fontaine (CHU, Nice) “Safety and feasibility of deep brain stimulation of the anterior cingulate and thalamus in chronic refractory neuropathic pain”
- Guillaume Sandoz (iBV, Nice) “Optopharmacology of two-pore domain potassium channels in pain”

16h00-16h30 Pause-café / Coffee break

16h30-18h00 : Communications orales / Oral communications - Session 3

chair : Sophie Pezet / Emmanuel Bourinet

- Raphaële Le Garrec (LIEN Brest)
The mouse cheek test to study some neuropathic disorders of ciguatera
- Ahmed Negm (Neuro-Dol Clermont-Ferrand – current: IGF Montpellier)
Sensory plasticity of dorsal horn neurons: a new mechanism for neuropathic pain.
- Pascal Fossat (IMN Bordeaux)
Role of vIPAG SST neurons in fear conditioning analgesia
- Océane Boyer (BSC Strasbourg)
The PrRPR and PrRP system modulates nociception, inflammatory pain and neuropathic pain in mice
- Léa Rey (IRSD Toulouse)
Reduced inflammation-induced visceral sensitivity in aged mice is associated with high potency of T cells to produce enkephalins
- Présentation société Bioseb (partenaire)

18h00-19h00 : Actualités du réseau douleur / News from the network

20h00 Dîner de Gala / Gala Dinner (Hôtel ASTON LA SCALA, 12 avenue Félix Faure 06000 Nice)

Tram ligne/line 1, arrêt/stop « Opéra Vieille Ville » face à l'hôtel/across from the hotel.

Samedi 13 avril / Saturday, April 13

8h30-9h30 : Communications orales / Oral communications Session 4

chair : Dominique Massotte / Cedric Peirs

- Sophie Pezet (ESPCI Paris)
Comprehensive study of the sex-specific alterations of the brain vascular responsiveness in a preclinical model of migraine, using whole brain ultrafast Doppler imaging
- Rachel Bourdon-Alonzeau (IGF Montpellier)
A quest for Cav3.2 interactome to gain insight in chronic pain mechanisms
- Nicolas Gilbert (IPMC Valbonne)
Exploring the role of THIK potassium channels in nociceptive pathway
- Nazarine Mokhtar (Neuro-Dol Clermont-Ferrand)
Blockade of 5-HT₆ receptor/mTOR activity differentially attenuates neuropathic pain and cognitive comorbidity in male and female diabetic rats

09h30-10h00 : Ipek Yalcin (INCI, Strasbourg) “Reaching circuitry level of understanding of the comorbidity between chronic pain and mood disorders”

chair : Marc Landry

10h00-10h30 Pause-café / Coffee break

10h30-11h30 **Conférence plénière 2 / Keynote 2 – Pr Tor D Wager** (Presidential Cluster in Neuroscience and Department of Psychological and Brain Science, Dartmouth College, NH, USA)

chair : Denys Fontaine

“The brain in pain: Pathways, neuromarkers, and interventions”

11h30-12h30 : **Communications orales / Oral communications - Session 5**

chair : Delphine Bichet / Alexandre Charlet

- Arnaud Landra-Willm (iBV Nice)
Dual effect of TRESK-C317F mutation related to epilepsy
- Nadine Gheziel (IRSD Toulouse)
The effect of prenatal stress on development and functions of nociceptors
- Jacques Noel (IPMC Valbonne)
Acid-Sensing Ion Channel 3 mediates pain hypersensitivity associated with high-fat diet consumption in mice
- Yasmine Brik (LNCA Strasbourg)
Impact of neonatal maternal separation stress in neuropathies induced by chronic constriction of the sciatic nerve.

12h30 : Prix de la communication orale, conclusions et déjeuner (sachets repas) / Oral Communication Award, conclusions and lunch (lunch bags)

Informations pratiques / Useful information

Contacts : Eric Lingueglia (06 20 42 52 91), Maeva Meynier (06 30 40 76 51)

Lieu/ Location : Théâtre du Grand Château, Parc Valrose, sur le Campus de la faculté des Sciences de l'Université Côte d'Azur, 28 Avenue Valrose, 06108 Nice (GPS : 43.717099128897736, 7.267021536827088 ; <https://maps.app.goo.gl/TjiTjtb3iKS5ZsZG9>).

Transport/Transportation: Tram: ligne/line 1, arrêt/stop "Valrose Université".

Voiture/Car: Le parking sur le campus vendredi sera compliqué, privilégiez le covoiturage ou le tram. Le samedi, vous pourrez vous garer dans le campus (sous réserve d'enregistrement préalable de la plaque d'immatriculation du véhicule) / Parking on campus on Friday will be tricky, so carpool or take the Tram. On Saturday, you'll be able to park on campus (subject to prior registration of the vehicle's license plate).

