

# FJC 2024 - PROGRAMME

ORAUX – Session 1

Jeudi 6 juin – 10h -> 11h30

## Cognition, learning and movement – Amphi Mariotte

Influence of virtual reality on body schema and peripersonal space

- **Léo GUERIN**

Kinematic optimisation of the gravity forcefield: curvature of horizontal movements?

- **Denis BARBUSSE**

Targeting a specific motor control process reveals an age-related compensation that adapts movement to gravity environment

- **Robin MATHIEU**

Study of the role of the neurovascular unit, neuroinflammation and BDNF in the development of anxiety-depressive disorders in an endothelial BDNF KO mouse model

- **Damien MOR**

Effect of time of day on motor adaptation

- **Johanna MATHIOT**

## Oncology – Amphi Ampère

CX3CR1 loss by CD8 tumor infiltrating lymphocytes mediate immune evasion in colorectal cancer

- **Ugo CHARTRAL**

Characterization of the role of the translocase CD36 in resistance to 5-fluorouracil in colorectal cancer

- **Léa PIERRE**

PRMT2 governs inflammation in acute myeloid leukemia cells

- **Denis MASNIKOV**

Characterisation of tissue resident memory T cells heterogeneity in colorectal cancer liver metastasis

- **Emilien LALOY**

TNF ligands as biomarkers for a sequential therapy (chemotherapy/nitric oxide-donor) in colorectal cancer

- **Mélina DARBON-MEUNIER**

## Food sociology – Amphi Orbigny

Effects of doubling the availability of vegetarian meals on meal choices, meal offer satisfaction and liking in university cafeterias: a controlled trial in France

- **Laura ARRAZAT**

Financial incentives for fruit, vegetables and pulses: A qualitative exploration of acceptability, practicability and effectiveness

- **Basile VERDEAU**

What social representations do French consumers have of sustainable diets?

- **Oriane CHENE**

Does food neophobia modulate generic knowledge during an induction task?

- **Sabrina BOULKOUR**

Do neonate lambs react to a dog scent before any predation experience?

- **Izïa LARRIGALDIE**

## Down the ages – Amphi Billet

Cohort study to assess the intra- and extrinsic determinants of the ability of elderly people to age in place: study protocol

- **Clara BONJOUR**

Eating in the absence of hunger in 24-36-month-olds: a laboratory-based assessment

- **Camille RIERA-NAVARRO**

Eating practices of community-dwelling older adults: a scoping review

- **Hélène TRIMAILLE**

# FJC 2024 - PROGRAMME

POSTERS – Session 1

Jeudi 6 juin – 14h -> 15h

## Immunology and Oncology – Hall Gabriel

HERV-based immunotherapy development for colorectal cancer treatment

- **Nawfel ADIB**

The role of LILR in the allogenic recognition mediated by human macrophages after renal transplant

- **Jovanne PALVAIR**

Antibody affinity modulation and optimization of activation signals for the development of a new generation of bispecific CAR-T cells

- **Pia FARVAQUE**

Monounsaturated fatty acids metabolism and Th9 antitumor properties

- **Emma GROETZ**

Study of inflammasome-independent NLRP3 functions in CD8 T cells: impact on intratumoral recruitment

- **Lylou MILIAN**

Identification of immune cells in PBMCs and tumors from a cohort of Tunisian CRC patients

- **Fadoua MISSAOUI**

Development and characterisation of allogeneic CAR-T cells from cord blood

- **Angélique GALATIOTO**

Characterization of GABARAPL1 mRNA decay via its 3'UTR

- **Chloé MERCIER**

GABARAPL1 in stress granules dynamics

- **Sarah CAMPENET**

Identification of novel partner proteins of EZH2 and KD6MB during Epithelial to Mesenchymal Transition

- **Jules DURAND**

## Cognition, learning and movement – Hall Gabriel

Do movement-related cortical potentials differentiate optimal and suboptimal control in the gravity field?

- **Alice OHAYON**

Assessing the impact of stereotype threat on social inequalities in learning

- **Margaux MARTIN**

Glasses to hear differently? The aftereffects of prism adaptation on auditory threshold in young and older healthy adults

- **Vincent ARDONCEAU**

Impact of grandchildren on episodic memory and time perspective of older adults

- **Laetitia BRUNO**

Incidental Word Learning in Young Children: A Processing Advantage in Favor of Animate Entities

- **Elodie LHOSTE**

Novel Noun Generalization and stimulus comparisons in children: manipulating the number and structure of learning stimuli

- **Théo BALLUT**

Stroop-like Effects in Pitch Identification Training and Generalization to Untrained Timbres: Evidence from a Contingency Learning Task

- **Williams HENRY**

Unveiling Rhythmic Ability in Children: A Comprehensive Review and Novel Assessment Approach

- **Francesca CANTONI**

Working memory load differentially affects judgments of beauty versus liking for textures

- **Julie TORRES**

Study and model for delayed decision making

- **Johan ACHARD**

# FJC 2024 - PROGRAMME

POSTERS – Session 1

Jeudi 6 juin – 14h -> 15h

## Environment, ecology, botany – Hall Gabriel

Medium- and long-term analysis of the successional trajectories of alluvial wetlands under anthropogenic stress: impact of anthropogenic alterations in the 19th and 20th centuries, benefits of restoration operations, forecast of the future of these alluvial systems in a context of climate change

- **Heikel BALTI**

Carbon sequestration in inland waterbodies: quantification, controlling factors, and interactions with biodiversity

- **Justine FRISON**

Creation of stable biomimetic nanopores in view of water sea desalination

- **Fatouma HASSAM MOUSSA**

Development of innovative methods and software for dendrochemical analysis and data interpretation

- **Hugo LOUET**

Evolution of sedimentary deposits in the Limagne basins (French Massif-Central) during the Eocene-Oligocene: The Cournon cliff (Puy-de-Dôme)

- **Guillaume LAWNIZACK**

Fluid transfer mechanisms in the deep continental crust: Example of the garbenschiefer formation in the Neves area, Italy, Alps

- **Manon AMIOT**

Identification and Characterization of Diazotroph communities in duckweed species

- **François PRUDOT d'AVIGNY**

Arbuscular mycorrhizal fungal communities differ in neighboring vineyards of different ages

- **Célien DURNEY**

Structural and functional characterization of nitric oxide synthases (NOS) of *Klebsormidium nitens*

- **Alix MARTINET**

Update on the taxonomy of European Mytiliniaceae (Ascomycota/Dothideomycetes)

- **Alain GARDIENNET**

Triterpene glycosides from the roots of *Deutzia x hybrida* "Strawberry Fields" (Hydrangeaceae) as sweet taste modulators

- **Efstathia KARACHALIOU**

## Diverse – Hall Gabriel

Assimilation of sediments and formation of magmatic sulphide deposits: example of the Guaymas Basin

- **Alban CHEVIET**

Historical Text Line Segmentation Using Deep Learning Algorithms: Mask-RCNN against U-Net Networks

- **Florian FIZAINE**

Impact of a promising manufacturing technology on the physical and chemical properties of oral thin films

- **Mathieu REUTHER**

Machine Learning and Artificial Intelligence for Sustainable Cropping Systems

- **Zexing YAO**

Polymeric Microparticles loaded with Lipid Nanoparticles for the delivery of siRNA by oral route

- **Thomas STALDER**

Development of new organic / inorganic "Nanoparticles-in-Microparticles Delivery Systems" for the controlled release of fragile molecules : synthesis and characterization

- **Damien GOULLEY**

Gelation of fava bean protein and impact of gelling agent on rheological properties of the gels

- **Alban FISCARELLI**

The role of ethanol on the release of aroma molecules in alcoholic drinks: The effect of alcohol reduction

- **Loïc JOUBERT-LAURENCIN**

Deciding with Muscles: an Empirical Test of the Gated Cascade Diffusion Model

- **Edouard DENDAUW**

A cell-based assay to evaluate potential of innovative umami molecules

- **Clémence CORNUT**

# FJC 2024 - PROGRAMME

ORAUX – Session 2

Jeudi 6 juin – 16h -> 17h35

## **Pathology – Amphi Ampère**

HSP90 is involved in extracellular vesicle's profibrotic effects in lung

- **Léo BIZIOREK**

Derris scandens Roxb. Benth alleviated arthritis severity and improved endothelial function: study in adjuvant-induced arthritis rats

- **Nattiya CHAICHAMNONG**

Is intestinal CD36 involved in the development of high-fat diet-induced obesity?

- **Tatiana Al ANAISSY**

Enterobacter aerogenes Ventilator-associated pneumonia in rabbits: effect of mesenchymal stromal stem cells

- **Marine JACQUIER**

Involvement of AmgRS in the induction of Pseudomonas aeruginosa MexAB-OprM pump by cinnamon essential oil

- **Eline DUBOIS**

## **New tools and techniques – Amphi Mariotte**

From FIND to DEFIDIAG-DS: how ELSI studies are helping us envision tomorrow's genomic medicine

- **Eléonore VIORA-DUPONT**

Design, synthesis, molecular modeling and evaluation of polyphenols as antioxidants and Arginase inhibitors

- **Luca MARCHISIO**

Rapid detection of MS2 bacteriophage using Near-Infrared Spectroscopy (NIRS) in water and milk

- **Samy De OLIVEIRA**

The effects of non-thermal plasma on biobased packaging: structure, bioactivity and future developments

- **Clément POULAIN**

Impact of supercritical CO2 on C-Phycocyanin protein in presence of polyethylene glycol

- **Mélissa JUSTIN**

## **Oenology – Amphi Billet**

Exploring lipid profiles in grape musts: the influence of grape variety

- **Louise RAMOUSSE**

Purification and functional characterization of three human salivary proline-rich proteins involved in astringency

- **Aléna PROSKURA**

Interaction among lactic acid bacteria, Starmerella lactis-condensi and Saccharomyces cerevisiae strains to modulate the fruity and floreal aroma of Catarratto wines in Sicily

- **Vincenzo NASELLI**

# FJC 2024 - PROGRAMME

ORAUX – Session 3

Vendredi 7 juin – 9h -> 10h30

## Neurobiology – Amphi Ampère

Effect of FES-assisted cycling on cerebral blood flow and perceived exertion in stroke patients: preliminary results

- **Maël DESCOLLONGES**

Aberrant PTBP1 cytoplasmic retention is responsible for neurodevelopmental disorders with skeletal dysplasia

- **Julien PACCAUD**

Transcutaneous spinal cord stimulation and primary afferent depolarization

- **Julia SORDET**

Synthesis and biological evaluation of new Nifedipine derivatives for Alzheimer's disease treatment

- **Paul BERNARD**

## Genetics and epigenetics – Amphi Mariotte

YTHDC1: a novel epigenetic factor in the pathophysiology of B cell lymphoma

- **Baptiste PERNON**

The chromatin-associated transcriptional regulator HCFC1 plays a key role in the structure and development of the cortex and hippocampus

- **Emilia SKUTUNOVA**

Geographical distribution and genetic structure of a cryptic species complex in voles

- **Batistin MARSOUIN**

The mutation T310K of the HPV16-E2 protein inhibits the binding of E2 to the E2 binding site of the viral promoter

- **Nolwen Di DOMIZIO**

## Environment – Amphi Billet

Atmospheric drivers of rainfall events in the Republic of Djibouti

- **Moussa MOHAMED WABERI**

Identification and functional characterization of S-nitrosated proteins during salt stress in *Klebsormidium nitens*

- **Zoé CHAUDRON**

The role of flower strips for field spider communities in a biodiversity-based agroecological system

- **Paul BANNWART**

Demographic profile and movement of crop-raiding elephants in Gabon

- **Samuel AWINI**

# FJC 2024 - PROGRAMME

POSTERS – Session 2

Vendredi 7 juin – 11h35 -> 12h10

## Microbiology – Hall Gabriel

Effect of membrane vesicles on bacterial biofilm and YhgE, a protein for studying vesicles  
- **Simon MANCEAU**

Influence of bacterial-virus interaction on bacterial and viral resistance to food decontamination processes  
- **Perrine MAS**

Biotechnological innovation for lees aging in sparkling wine production  
- **Julie GISQUET**

The role of malolactic bacteria metabolism on the organoleptic qualities of model wines  
- **Amaury AUMEUNIER**

## Neurobiology and sport, locomotion and health – Hall Gabriel

Effect of slope during downhill walking on exerkines secretion and the muscle function  
- **Trévis CARLET**

Irisin improves hippocampal BDNF levels through integrin  $\alpha V/\beta 5$  receptor and a FAK-ERK-eNOS pathway  
- **Clémence LEGER**

Deactivation and Collective Phasic Muscular Tuning for Pointing Direction: Insights from Machine Learning  
- **Florian CHAMBELLANT**

Study of emotional and blood-brain barrier changes in the early stage of a mouse model of Alzheimer's disease  
- **Guillaume BENHORA-CHABEAUX**

Effect of the deletion of endothelial BDNF on muscle-brain crosstalk elicited by physical exercise  
- **Julien WIRTZ**

## Pathology and associated new therapies – Hall Gabriel

Caspase 8-dependent inhibition of necroptosis prevents plaque necrotic core formation  
- **Thomas PILOT**

Role of cIAP1 in mesenchymal differentiation and Idiopathic Pulmonary Fibrosis  
- **Manon PACCAGNINI**

Clinical relevance of the reverse lipopolysaccharide transport pathway in patients with acute peritonitis  
- **Marvin ALVAREZ**

Synthesis and biological evaluation of new Quinazolines for Alzheimer's disease treatment  
- **Saïda CHAKHARI**

Newly synthesized fatty acid analogue (NKS-3) rescues microglial reactivity in a murine model of diet-induced obesity  
- **Lucas JANTZEN**

Promising multitarget compounds for Alzheimer's disease developed to activate the NRF2/ARE pathway  
- **Alexey SIMAKOV**

# FJC 2024 - PROGRAMME

ORAUX – Session 4

Vendredi 7 juin – 13h40 -> 15h15

## Physiology – Amphi Mariotte

Evaluation of endocannabinoid production by visceral and subcutaneous adipose tissue: what role in adipogenesis?

- **Romain BARBOSA**

Role of lingual CD36 in fat oro-sensory perception : tongue-brain loop

- **Raphaëlle CARPENTIER**

Preventive effect of argan oil against lipopolysaccharide-induced oxidative stress *in vivo*

- **Soufiane RABBAA**

Characterization of tongue taste papillae of the Beagles (*Canis lupus familiaris*)

- **Anthony-Damien DESIREE**

Dietary intervention for a healthy gut microbiota did not alter performance in equine athletes

- **Maximilien VASSEUR**

## Agronomy – Amphi Billet

Role of the vacuolar sulfate transporter PsSULTR4 in the pea response to sulfur deficiency and/or drought stress

- **Fanélie BACHELET**

Dynamics of microbial communities associated with microhabitats of *Pisum* spp. (Fabaceae) through developmental stages

- **Victor ANGOT**

Short-chain chitin oligomers (CO4) inhibit immune responses in grapevine

- **Tania MARZARI**

The Ubiquitin-Proteasome System (UPS) in beneficial and pathogenic plant microbe interactions

- **Damien INES**

Bioremediation of Isoproturon and Sulfamethazine : linking the microbial community composition to the degradation capacity

- **Sylvia THIEFFRY**

Functional Core microbiota: identification and involvement in plant nutrition

- **Liya ZHU**

## Sport and locomotion – Amphi Ampère

Feasibility of measuring electroencephalographic event-related potentials related to motivation during a moderate cycling exercise

- **Rémi RENOUD-GRAPPIN**

Acute effect of different types of stretching on the stiffness of the musculo-nervous complex of the hamstring

- **Marion HITIER**

The effect of superimposed local vibration on isometric submaximal knee contractions.

- **Tom TIMBERT**

Acceleration capacity and vertical jump performance relationship in prepubertal children

- **Baptiste CHANEL**

Local vibration training on the upper limb induces neuroplastic modifications in the vibrated muscle: a preliminary study

- **Sophie JULIAND**