



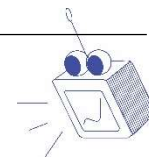
Programme de la 25^{ème} édition des Journées Scientifiques
de l'Ecole Doctorale Sciences de la Vie, Santé,
Agronomie, Environnement

MERCREDI 18 MAI 2022



8h – 8h10 : Ouverture des Journées de l'Ecole Doctorale

8h10 – 8h45 : Communication orale et flash posters – Cancerology



Communication orale (8h10 – 8h30)

- 8h10 : Marine VIALAT - **Stuck in the middle with(out) you: Steroids are involved in tumor formation and their deprivation actively promotes the emergence of a new resistant tumor cell population**

Flash posters (8h30 – 8h45)

- Julie OLABE - **Znrf3 inactivation leads to a sexually dimorphic immune microenvironment in adrenocortical tumorigenesis**
- Ola HABANJAR - **Obesity and breast cancer: development of a heterogeneous fluorescent tumoroid of ductal carcinoma in situ to study the impact of the inflammatory microenvironment**
- Florestan VERGNAUD - **Superparamagnetic and Bioactive Nanoparticles for Bone Cancer Treatment**
- Margaux MOREZ - **Modulation of HCN channel activity in oxaliplatin-induced peripheral neuropathy**

8h50 – 9h25 : Communication orale et flash posters – Mobility and health

Communication orale (8h50 – 9h10)

- 8h50 : Lech DOBIJA - **Immediate Effect of Hamstring Stretching in Patients with Chronic Low Back Pain. Preliminary analysis**

Flash posters (9h10 – 9h25)

- Audrey BOSCARO - **State of progress of the NUTRILEAN study: characterization of the physical and nutritional profile of constitutionally thin women**
- Camille CHAMBONNIERE - **Adverse Collateral Effects of COVID-19 Public Health Restrictions on Physical Fitness and Cognitive Performance in Primary School Children**
- Aurélien BRUN - **Prevention of muscle atrophy and myosteatosis by polyunsaturated fatty acids**
- Guillaume VILLATTE - **Do chemical products from cleaning treatment process of musculoskeletal tissue allografts can disturb osteoblasts activities?**



9h30 – 9h45 : Flash posters – Human Health

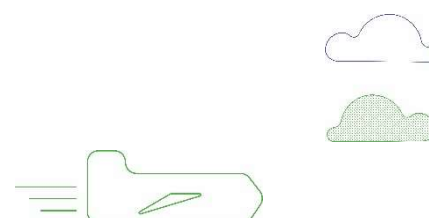
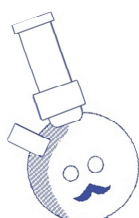
- Jean-Baptiste BOUILLON-MINOIS - **Impact of night shifts on nutrition among emergency health care workers**
- Julien CABE - **Influence of clinical markers of dopaminergic behaviors on depressive symptoms during withdrawal in cocaine users**
- Fanny HENRIOUX - **Specific inflammatory answer of conjunctival and corneal cells in hyperosmolar context regarding NFAT5 activation**
- Dhouha HAMDI - **The neuroprotective effect of clove essential oil against 6- OHDA-induced SH-SY5Y cell death in vitro and in rat model of Parkinson disease**

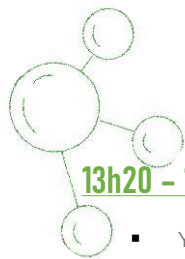
9h45 – 10h15 : Pause-café

10h20 – 12h20 : Communications orales – Human health

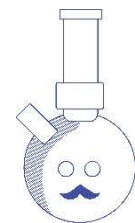
- 10h20 : Inès SCHMIDT-MORGENROTH - **Inflammasome and inflammatory biomarkers in Alzheimer's disease**
- 10h40 : Yoann LE BASLE - **Research and evaluation of leachable substances from peripherally inserted central catheters used in new-borns and premature infants**
- 11h00 : Marie-Laure MUNOZ-SANCHEZ - **Endodontic and restorative treatments in a single session**
- 11h20 : Amal SKANDRANI - **Measuring impacts on health inequities of oral health promotion interventions: the example of New Caledonia**
- 11h40 : Noémie DRANCOURT - **The role of mastication in the feeding of elderlies**
- 12h00 : Thibault MENINI - **Sodium alginate-based antacids in gastroesophageal reflux disease: systematic review and meta-analysis**

12h20 – 13h20 : Pause déjeuner





13h20 – 13h35 : Flash posters – Genetic and Molecular Biology



- Yassine BOUATTOR - **Validation of a novel brain medium for leachable study from deep brain stimulation's electrodes**
- Louis DEBAR - **Characterization of two mitochondrial NUDIX proteins**
- Ruoyang ZHAI - **The Receptor for Advanced Glycation End-products Enhances Lung Epithelial Wound Repair: an In Vitro Study**
- Igor LOPES COQUEIRO - **Investigating the interaction of enterovirus A71 with an in vitro model of human blood-brain barrier**

13h40 – 16h20 : Communications orales – Digestive system and intestinal microbiota

- 13h40 : Mélanie LAVOIGNAT - **How to breed wheat for improving bread proteins in vitro digestibility?** ([distanciel](#))
- 14h00 : Elora FOURNIER - **Impact of microplastics on human gut microbiota : first evidence from in vitro gut models**
- 14h20 : Thomas MERCECCA - **Type VI secretion system in *K. pneumoniae* : role in intestinal microbiota colonization**
- 14h40 : Pauline DESCOTES GENON - **Stabilization and Diversity Exploration of Infant Gut Microbiota**
- 15h00 : Charlotte DESCHAMPS - **Development and validation of a new in vitro model of the canine colon adapted to different dog sizes**
- 15h20 : Rongcai HUANG - **Synergistic effects of natural hydrogen acceptors and a methanogenesis inhibitor on in vitro rumen fermentation**
- 15h40 : Maria Inês MOREIRA DE GOUVEIA - **Ethanolamine catabolism by commensal *Escherichia coli* strains in vitro and in vivo**
- 16h00 : Oshma CHAKOORY - **RiboTaxa: Combined approaches for taxonomic resolution down to the species level from metagenomics data revealing novelties** ([distanciel](#))

16h20 – 16h50 : Pause-café

16h50 – 17h25 : Flash posters – Ecology and Environment

- Fanny NOIRMAIN - **Interdisciplinary strategy to survey phytoplankton dynamics of a eutrophic lake under rain forcing description of the instrumental set-up and first results** ([distanciel](#))
- Vincent FERNANDES - **Volatolomics: a relevant approach for toxicological and ecotoxicological experiments**
- Donald LUNA - **Variability and drivers of grassland sensitivity to drought using satellite reflectance indices**
- Bakari HAMADOU - **Production of 2G bioethanol from northern Cameroon's sorghum (*Sorghum bicolor* (L.) Moench) stalks**
- Antoine VERGNE - **Plants forming phytotelmata: a model system for discovering new strategies used by plants to tailor a nitrogen-fixing microbiota**
- Lory-Anne BAKER - **Influence of natural radioactivity on diatoms communities in mineral springs using metabarcoding**
- Riha HACHICHA - **Unconventional treatment of liquid olive by-products for the production of microalgal biomass** ([distanciel](#))
- Lucie LAFFET - **Comparison of microbial colonization between natural and plastic substrata in a contaminated watershed**
- Thania SBAGHDI - ***Apis mellifera* gut microbiota response following the co-exposure to stressors**

17h30 – 18h25 : Communication orale et flash posters – Agribusiness, Agronomy and Plant Biology

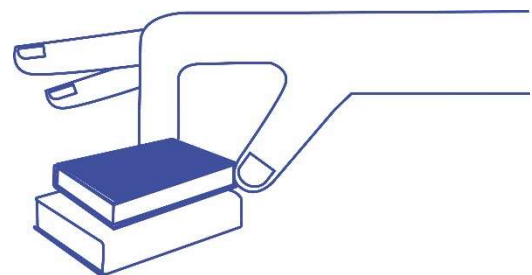
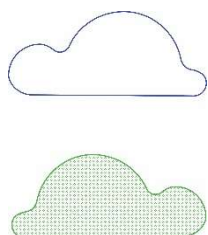
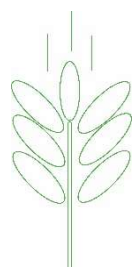


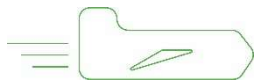
Communication orale (17h30 – 17h50)

- 17h10 : Moise KOMBOLO - **Portable NIRS spectrometer to better predict meat eating quality**

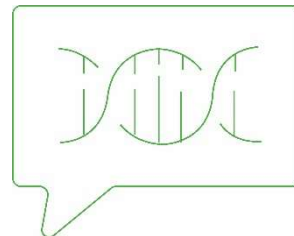
Flash posters (17h50 – 18h25)

- Alexandre CAULUS - **Mechanisms underlying gravitropic and autotropic recovery in wheat and poplar**
- Khaoula YAHYAOU - **Extraction and characterization of polysaccharides From *Gracilaria gracilis* harvested in Bizerte (Tunisia)**
- Latifa TOUNSI - **Growth medium screening for *Porphyridium cruentum* growth and metabolites production**
- Elodie PEGHAIRE - **Natural compound induces plant defense reactions on tobacco and has benefits effects on honeybees infected with *N. ceranae***
- Lena SIMON - **Impact of crop management practices on soil suppressiveness towards *Fusarium graminearum***
- Ana GRIZON - **Functional characterization of thermophilic lactic acid bacteria isolated from saint-nectaire cheese PDO area**
- Stéphane PORTANGUEN - **Texturing of a functional food by 3D printing**
- Ibrahim FAKIH - **Dynamic genome-based metabolic modeling of the predominant cellulolytic rumen bacterium *Fibrobacter succinogenes* S85**





JEUDI 19 MAI 2022



8h – 10h : Communications orales – Metabolomic and Genetic

- 8h00 : Imene BOUSAHBA - **Metabolomics phenotyping helps to better understand dysregulations related to obesity and insulin-resistance in minipigs (distanciel)**
- 8h20 : Gueric GILBERT - **Regulation of gene expression by TET : when an epigenetic enzyme functions non-enzymatically**
- 8h40 : Aline MARTINS - **The somatic piRNA pathway is developmentally regulated during oogenesis in *Drosophila melanogaster***
- 9h00 : Clea SIGURET - **Recurrences and consequences of polyploidy events on gene evolution in angiosperms: Comparative analysis of 80 genomes**
- 9h20 : Victor NOWAK - **Mechanism of epiblast induction in preimplantation mouse embryo**
- 9h40 : Emile MARDOC - **Multi-Omics integration: denoising cereal data using cimDiablo_v2 to answer several biological questions**

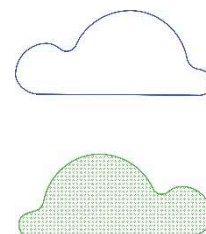
10h00 – 10h20 : Pause-café

10h20 – 12h40 : Communications orales – Agronomy and Plant Biology

- 10h20 : Sureeporn SURIYAPROM - **Antioxidant and Antibacterial Activities of White Mulberry (*Morus alba* L.) Fruit Extracts (distanciel)**
- 10h40 : Sarah MERMET - **The link between the nuclear pore complex and the nucleoskeleton in *Arabidopsis thaliana***
- 11h00 : Julie LAUGEROTTE - **Validation and characterization of a gene involved in cross incompatibility between wheat and rye**
- 11h20 : Jihane ZEGHLOULI - **Valorization of Argan by-products: Application to the development of biomolecules and biosourced materials**
- 11h40 : Pauline DENIS - **Determination of linoleic and α -linolenic acid requirements for dairy cows using a meta-analysis approach**
- 12h00 : Abdesslam CHAI-ALLAH - **Using crowdsourced data to quantify cultural ecosystem services provided by grasslands in Auvergne, France**
- 12h20 : Philippine COEUGNET - **Inclusion of citizens in the design of livestock farming: case of mid-mountain dairy system**

12h40 – 15h00 : Pause déjeuner

**15h00 – 15h30 : Remise des prix
(Amphi A1)**



15h30 – 18h30

**Conférence &
Table ronde**

(Amphi A1)

L'agroécologie pour nourrir convenablement et durablement la population.

- 15h30 – 16h10 : présentation de Marc Dufumier
- 16h10 – 16h30 : présentation de Jean-François Xavier De Montard
- A partir de 16h30 : table ronde autour de la thématique de l'agroécologie avec l'intervention de Valérie Mazza, directrice scientifique et innovation du groupe Limagrain

