

Programme de la 27^{ème} édition des Journées de l'École Doctorale

« Sciences de la Vie, Santé, Agronomie, Environnement »

Jeudi 6 juin 2024

8h30 – 8h40 : Ouverture des Journées de l'École Doctorale

8h40 – 10h30 : Communications orales et flash posters – Agronomie, Écologie et Biologie végétale

Communications orales (8h40 – 10h00) :

8h40 → BORJAS Aldo – Improvement of water management using polymeric biostimulation on *Triticum aestivum*

9h00 → BOUQUET Clémentin – Non-living metabolisms: what's new in a lifeless world?

9h20 → TARCHI Inès – Exploring the Influence of Spray Dryer Encapsulation on Olive Leaf Extracts Obtained at Varied pH Levels

9h40 → MYSKO-BILLAUDET Larissa – How to concurrently achieve economic, environmental, and animal welfare performances in French suckler cattle farms

Flash Posters (10h00– 10h30) :

- ⊗ **FLEITAS Ana Rosa** – Influence of the oxidation reduction potential on the hydrogen production by dark fermentation
- ⊗ **FEIYANG Wang** – Exploring Novel Applications for Hydrogels Derived from Modified cellulose
- ⊗ **SOULARD Florian** – Linking of an agroforestry system model and a plant hydraulic failure model
- ⊗ **DUPONT Maxime** – Is the Unfolded Protein Response (UPR) pathway involved in the Seed Storage Proteins accumulation in wheat grain ?

10h30 – 11h00 : Pause-Café financée par le Crous Clermont Auvergne



11h00 – 12h00 : Communications orales et flash posters – Agronomie, Écologie et Biologie végétale

Communications orales (11h – 12h00) :

11h00 → **ALBECHAALANY John** – An Algorithmic Approach for Optimizing Rearing Performance towards Maximizing Meat Quality in Livestock Production

11h20 → **GUERREIRO Maurean** – Investigating Thermotolerance and High-Value Biocompound Production in *Porphyridium purpureum*

11h40 → **KERAMATI Misagh** – Intensification of ex-situ biomethanation with the addition of colonized biochips

Flash Posters (12h00- 12h30) :

- ⊗ **PADMAPRIYA Dhanasekaran** – Evaluation of Recovered protein hydrolysates from plant and animal-based protein wastes as biostimulants for enhancing wheat growth
- ⊗ **MENOURY Valentin** – Replacing hexane by 2-methyloxolane for defatting soybean meals fed to dairy cows does not affect nitrogen utilisation

12h30 – 13h30 : Repas financé par le Crous Clermont Auvergne



13h30 – 15h30 : Communications orales et flash posters – Mobilité Santé

Communications orales (13h30 – 15h10) :

13h30 → **DUPUY Alexis** – Shoulder overuse injury is associated with imbalanced strength functional ratio and bilateral asymmetry in para-athletes in resting and fatigue conditions

13h50 → **CHARUEL Elodie** – DECIDE (shared DECision in hEalth) : a three steps user-centered design

14h10 → **CLERFOND Guillaume** – New-Onset Left Bundle Branch Block After TAVI has a Deleterious

Impact on Left Ventricular Systolic Function

14h30 → **FOURNEAUX Guillaume** – Study of gene expression variations during hibernation : case of the hibernating brown bear

14h50 → **PELISSIER Léna** – Effects of diet-induced weight loss on body composition and energy metabolism in healthy normal-weight individuals: results from the NUTRILEX study

Flash Posters (15h10 – 15h30) :

- ⊗ **GARROUSTE Cyril** – Overcoming Immunologic Barriers in Kidney Retransplantation : Impact of calcineurin inhibitor based maintenance immunosuppression during the dialysis period after kidney transplant failure on the next kidney graft outcome.
- ⊗ **DELAY Marine** – Towards the identification of subgroups of fibromyalgia patients
- ⊗ **CHERVET Arthur** – Innovative approaches: phyto-probiotics as a therapeutic support for managing obesity-linked psoriasis
- ⊗ **TEISSANDIER Dorian** – Impact of a polyphenol mixture on hemostasis in rats under anticoagulant therapy
- ⊗ **RICHARD Chloé** – Insights into the Transforming Growth Factor superfamily specific modulation : unravelling the impact of hibernating bear serum in primary human muscle cells
- ⊗ **GILBERT Alice** – Evaluating a novel target in the treatment of osteoarthritis pain

15h30 – 16h00 : Pause-Café

16h00 – 18h00 : Communications orales – Mobilité Santé

Communications orales (16h20 – 17h40) :

16h00 → **BOYER Romane** – Role of peripheral and central TREK1 ion channels in the perception of pain

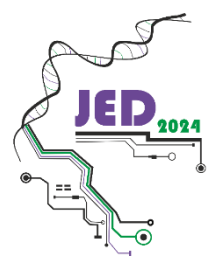
16h20 → **GERDY Vincent** – Non-canonical functions of TET epigenetic enzyme driving muscle progenitor fate in *Drosophila melanogaster*

16h40 → **FARGEAS Margot** – ChiA, a major player in the pathogenicity of adherent and invasive *E. coli* bacteria (AIEC) associated with Crohn's disease

17h00 → **PICKERING Marie-Eva** – Post-menopausal osteoporosis and endothelial function

17h20 → **SALIBA Vincent** – Predictive criteria for postoperative pain after oral surgery

17h40 → **BIBARD Amandine** – Windborne dispersal of *Culicoides* midges in Europe: Case study with epizootic hemorrhagic disease virus in France



Vendredi 7 juin 2024

8h20 – 8h35 : Présentation Clermont Auvergne PEPITE & Clermont Auvergne Innovation

Flash poster – mobilité santé

Flash Posters (8h35-9h00) :

- ⊗ **DOGBLA Kossi Luther King** – Occupational Risk Factors by Sectors : An Observational Study on 20 000 Workers
- ⊗ **CLINCHAMPS Maelys** – Exploring the relation between occupational stress, physical activity and sedentary behavior using Job-Demand-Control Model
- ⊗ **MAGNIN Benoît** – Impact of Deep Learning-based MRI Reconstruction on the Reproducibility of Radiomic Features
- ⊗ **DAUGEY Valentine** – Interaction between antimicrobial peptide Reg3g and IL-22 pathway on intestinal and central disturbances following *Citrobacter rodentium* infection
- ⊗ **DIALLO Elhadj Marouf** – Analysis of Care-seeking Pathway and Factors Influencing Early and Appropriate Care-seeking for Malaria Patients in the Republic of Guinea, 2022-2023
- ⊗ **GOUSSEAU Pauline** – Targeting Cav3.2 calciums channels for managing osteoarthritis pain
- ⊗ **CHARNAY Coline** – Environmental pollutants (phthalates and alternatives plasticizers) and Preterm premature rupture of fetal membranes

9h00 – 10h00 : Communications orales – Micro-Organismes & Relation Hôtes-Pathogènes :

9h00 → **LESCOAT Claire** – Genomic epidemiology of Pestivirus bovis in France

9h20 → **MATHIEN Clémentine** – Polyphenol-rich plant extract and Lactic Acid Bacteria improve survival of *N. ceranae* infected bees

9h40 → **NICOLLE Dorian** – Human-Microbe Relations in Dairy Cattle Systems of the Massif Central : Characterizing Flows through Proliferations in Livestock Work

Flash Posters (10h– 10h30) :

- ⊗ **GAUME Léa** – Human blood leukocytes infected with enterovirus A71 but not cell-free virus particles can cross a human blood-brain barrier model
- ⊗ **O’SULLIVAN Deborah** – Impact of Western diet on enterohaemorrhagic Escherichia coli colonization in the human in vitro Mucosal Artificial Colon as mediated by gut microbiota
- ⊗ **VOLAND Laurianne** – Lambs reared without their mothers have more frequent scouring episodes, although gut microbial activity is unaffected
- ⊗ **TOGO Jean-Yves Kioye** – Variable selection by an approximation of the LO norm in poisson log-normal model

10h30 – 11h00 : Pause Café financée par le LMGE



LMGE
Laboratoire

11h00 – 11h40 : Communications orales – Cancer :

11h00 → **GIRO Alexia** Comparison of predictive and prognostic capacities of neutrophil, lymphocyte and platelet counts and tumor-infiltrating lymphocytes in triple negative breast cancer: preliminary results of the PERCEPTION study

11h20 → **QUONIOU Rohan** Tumor-associated macrophages: a tool for the treatment of chondrosarcoma

Flash Posters (11h40– 12h00) :

- ⊗ **JOUFFRE Baptiste** – Dual Role of ER α 17p and PLMI as Antiproliferative and Antinociceptive Agents via GPER
- ⊗ **DELMAS Marine** – Abscopal effect after targeting radionuclide therapy in metastatic melanoma: preclinical studies in a new double-tumor mouse model
- ⊗ **FIOT Mélanie** – Cryopreservation of ovarian tissue for fertility preservation :
Optimisation of a freezing and a thawing protocol based on thermodynamic properties of the freezing medium
- ⊗ **DELPORTE Norberta** – Screening of new molecules modulating Liver X receptors in prostate cancer

12h00 – 14h00 : Repas financé par le Crédit Agricole Centre France



14h00 – 14h30 : Remise des Prix

Trophées par Vouloux Chaudronnerie & Laq'Métal



1^{er} Prix Cancer *Communications*

1^{er} Prix Cancer *Posters*



1^{er} Prix Mobilité Santé *Communications*



I-SITE
CLERMONT AUVERGNE PROJECT
Université Clermont Auvergne

1^{er} Prix Agronomie, Ecologie, Biologie Végétale
& Micro-organismes et relation hôtes-
pathogènes *Communications*



1^{er} Prix Meilleure Communication

2^{ème} Prix Communication



I-SITE
CLERMONT AUVERGNE PROJECT
Université Clermont Auvergne

1^{er} Prix Meilleur Poster

2^{ème} Prix Poster



Prix Eloquence *Communication & Poster*



1^{er} Prix du Public *Communications*

1^{er} Prix du Public *Posters*



I-SITE
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Université Clermont Auvergne



À partir de 15h00 : Conférence « L'IA et Santé, place de l'Homme : les défis et les menaces » par Jacques Demongeot

Table ronde & Questions : François GABRIELLI & Mouna MOUNCIF MOUNGACHE