

SCIENTIFIC DAYS

ECOLE DOCTORALE BIOLOGIE SANTÉ
NANTES / ANGERS

April 4th-5th, 2023

Oniris - Nantes
101 Rte de Gachet

PROGRAM

Tuesday, April 4th 2023

- 8.15-8.45am** **Welcome**
- 8.45-9.00am** **Introduction**
-Xavier Prieur, Ecole Doctorale Biologie Santé directeur
-Laurence Deflesselle, ONIRIS directeur
- 9.00-9.15am** **Sponsors presentation**
Grosseron, Fisher scientific, LabexIGO, Inserm, SFR Bonamy and SFR ICAT.

SESSION 1 Thesis project presentations

Moderators: Alicia Baptista & Patrick Joubran

- 9.15-10.00am**
- **Cécile Doualle**: Characterisation of glioblastoma stem cell models as tools for targeted therapies evaluation.
 - **Guillaume Deltreil**: How to implement a job-exposure matrix regarding the entire career for musculoskeletal disorders ?
 - **Justine Blin**: Psychological stress induces an increase in colonic motility through a GR-dependent mechanism involving enteric neurons.

10.00-11.00am **Coffee break / Poster presentations**

- 11.00-11.45am** **Plenary conference: DELPHI, my research in AI and health**
-Tristan Gomez, postdoctoral researcher, Laboratoire des Sciences du Numérique de Nantes (LS2N): **Artificial spatial attention for automatic embryo quality assessment**
-Guillaume Pelluet, research engineer, Hera-MI: **Dual-view Sparse Graph Attention Networks for Breast Cancer Detection in Mammography**

SESSION 2 Thesis project presentations

Moderators: Alicia Baptista & Patrick Joubran

- 11.45-12.30pm**
- **Mathilde Kerherve**: Neuropilin-1 modulates the 3D invasive properties of glioblastoma stem-like cells.
 - **Alexis Richard**: Metabolomic Profiling of Angiotensin-II-Induced Abdominal Aortic Aneurysm in Ldlr-/- Mice Points to Alteration of Nitric Oxide, Lipid, and Energy Metabolisms.
 - **Enora Le Questel** : Daily malonylation : a mechanism involved in obesity-related metabolic disturbances ?
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12.30am-2.00pm Lunch / Sponsors booths tour

2.00-2.45pm **Plenary conference: Different approaches to characterize molecular interactions and their applications.**

-Erwan Mortier, Dr CNRS, Imp@ct platform director, Nantes.

SESSION 3 Thesis project presentations

Moderators: *Gwendoline Breger & Maël Bouillon*

- 2.45-3.30pm
- **Ugo Hirigoyen**: Characterization of tumor extracellular vesicles produced during oncolytic infection.
 - **Pierre Maitre**: Personalized reconstruction of cleft lip and palate in dogs using a 3D organo-mineral implant.
 - **Faraj Fajloun**: An overview of 10 years of activity of a molecular laboratory for Buruli ulcer diagnosis at a field hospital in Benin.

3.30-4.00pm **Coffee break / Posters presentations**

SESSION 4 Thesis project presentations

Moderators: *Gwendoline Breger & Maël Bouillon*

- 4.00-4.45pm
- **Davy Aubeux**: Development of an organ culture model for tissue engineering in endodontics.
 - **Ludovic Le Saux**: Evaluation of bioorthogonal strategies for radioiodination and astatination of cancer targeting vectors.
 - **Alexia Bodin**: TDP-43 is enriched at the centrosome in human cells.

SESSION 5 Thesis project presentations

Moderators: *Florian Martin & Axelle Chavanon*

- 4.45-5.30pm
- **Marianne Balem**: COVID-19 and online gambling: Impact of the COVID-19 pandemic on online gambling among users of the French national online websites.
 - **Alexandre Merasli**: Nested ADMM for PET reconstruction with two constraints: Deep Image Prior and non-negativity in projection space.
 - **Juan-Antonio García Santillán**: Paternal obesity exacerbates liver ceramide production in female offspring in response to a high-calorie diet.

5.30-5.45pm **Communication awards**

5.45-6.00pm **Closing session**

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PROGRAM

Wednesday, April 5th 2023

8.30-9.00am **Welcome**

SESSION Future with a thesis

Moderators: Florian Martin & Axelle Chavanon

9.00-9.45am **Speakers « Professional careers »**
-Nicolas L'Heureux (Dr Inserm, UMR1026 Biotis, Bordeaux)
-Gervaise Loirand (Dr Inserm, UMR1087 Institut du thorax, Nantes)
-Aurélien Sérandour (Research professor, Ecole Centrale NU, UMR1064 CR2TI, Nantes)

9.45-10.30am **Discussion**

10.30-11.00am **Coffee break / Poster presentations**

11.00-11.30am **Speakers « Professional careers »**
-Murielle Corvaisier (Clinical studies coordinator, CHU de Nantes)
-Solène Tanguy (Miltenyi Biotech, Nantes)

11.30-12.00pm **Discussion**

12.00-12.30pm **Best poster presentations in 180 seconds**

12.30-2.00pm **Poster awards**
Closing session - Lunch



Sponsors :

