

# Journées scientifiques de l'école doctorale Biologie-Santé 2018

## Programme



### Wednesday 12 december

- 9h30            **Welcome participants**
- 10h00          **Opening of scientific days:** Welcome speech
- 10h15          **Key speaker:**

#### Session 1: Molecular biology

10h45          **Oral presentation**

- « **Structure/function analysis reveals a novel mechanism of Ferroportin 1 dysfunction causing hemochromatosis type 4** » (10'+5')  
*M. Le Tertre* - Inserm UMR1078 - Brest
- « **Splicing disruption is a common mechanism involved in phenotypic variability : example of the Rh blood group system** » - (10'+5')  
*L. Raud* - Inserm UMR1078 - Brest

11h30          **Coffee Break and poster session**

12h30          **Oral presentation**

- « **Highlighting halogenated signatures in mass spectrometry fingerprints from the marine environment, assisted by a user-friendly application: HaloSeeker** » - (10'+5')  
*A. Léon* - LABERCA, Oniris - Nantes
- « **AP326, a new FDA-approved drug candidate active against PrPSc** » - (10'+5')  
*A. Bamia* - Inserm UMR1078 - Brest
- « **Diversity, Distribution, and Evolution of Sensor Histidine Kinases in Eukaryotes** » - (10'+5')  
*S. Kabbara* - GEIHP EA3142 - Angers
- « **CYLD regulates Centriolar Satellites Proteostasis by counteracting MIB1** » - (10'+5')  
*T. Douanne* - Inserm CRCINA Team SOAP - Angers

13h30          **Lunch**

14h30          **Biogenouest presentation**

## Session 2: Cellular biology

### 15h00 Oral presentation

- « **Unravelling human preimplantation development by single-cell RNA-Seq: from experiment design to cell fate trajectories** » - (10'+5')  
*D. Meistermann* - CRTI, Inserm UMR1064 - Nantes
- « **Sponges as cancer cell traps for glioblastoma treatment** » - (10'+5')  
*M. Najberg* - Inserm CRCINA - Angers

### 15h30 Coffee Break and poster session

### 16h00 Oral presentation

- « **Crosstalks between cancer stem-like cells and macrophages influences radiation responses in glioblastoma: the “chicken and egg” problem** » - (10'+5')  
*H. Grégoire* - Inserm CRCINA - Angers
- « **Regulation of Senescence Escape by the TSP1-CD47 Pathway Following Chemotherapy Treatment** » - (10'+5')  
*J. Guillon* - Inserm CRCINA - Angers
- « **ICG-001 effect, a Wnt/ $\beta$ -catenin signaling pathway inhibitor, in primary and metastatic osteosarcoma development** » - (10'+5')  
*G. Danieau* - Inserm UMR1238 - Nantes
- « **Interleukin-34 contributes to Treg suppressive function and inhibits allogeneic immune responses** » - (10'+5')  
*A. Freuchet* - Inserm UMR1064 - Nantes

### 17h30 End of the first day

## Thursday 13 december

9h00            **Key speaker: Sophie Langouët**

### Session 3: Population biology

9h45            **Oral presentation**

- « **Steatotic Zebrafish larva to evaluate mechanisms involved in NAFLD progression induced by a mixture of alcohol with an environmental pollutant, Benzo[a]pyrene** » - (10'+5')  
*M. Imran* - Inserm UMR1085 - Rennes
- « **Heart rate variability and respiratory rate variability – a method to support early diagnosis in premature infants** » - (10'+5')  
*P.T.T. Nguyen* - Inserm LTSI-UMR1099 – Rennes

10h15           **Coffee Break and poster session**

11h15           **Oral presentation**

- « **Comparative characterization of a DCS resistant rat strain** » - (10'+5')  
*E. Dugrenot* - ORPHY EA4324 IBSAM - Brest
- « **Study of pre- and postnatal maternal influences on the vocal development of the Japanese quail (*Coturnix c. japonica*)** » - (10'+5')  
*L. Desmedt* - CNRS UMR6552 - Rennes
- « **Individual and neighborhood socioeconomic disparities in high blood pressure in France** » - (10'+5')  
*L. Neufcourt* - EHESP REPERES EA7449 - Rennes
- « **Head and Neck cancer epidemiology in the French West Indies: Viral, environmental and behavioural factors** » - (10'+5')  
*A. Auguste* - Inserm UMR1085 - Pointe-à-Pitres

12h15           **Lunch**

## Session 4: Organism biology

13h15 **Poster session**

14h15 **Oral presentation**

- « **Impact of an unbalanced perinatal diet on the development of reward circuits in rats** » - (10'+5')  
*J. Paradis* - INRA UMR1280 - Nantes
- « **Dietary trans-palmitoleic acid (trans-C16:1 n-7) is supplied by dairy products, and prevents from metabolic syndrome in mice** » - (10'+5')  
*E. Guillocheau* - Agrocampus-Ouest - Rennes
- « **Reconstruction of a patient-specific 3D model of knee-joint using ultrasound** » - (10'+5')  
*M. Nasan* - Inserm UMR1101 - Brest
- « **Paracetamol (acetaminophen) may interfere with the human fetal ovary development in an ex vivo model** » - (10'+5')  
*L. Lecante* - Inserm UMR1085 - Rennes
- « **Humoral and macrophage response in spontaneous healing process during *M. ulcerans* infection** » - (10'+5')  
*A. Pouchin* - Inserm UMR1232 - Angers
- « **Could exercise training alter radiation therapy efficiency in a murine model of prostate cancer?** » - (10'+5')  
*S. Dufresne* - EA1274 - Rennes

15h45 **Posters deliberation**

16h15 **Talks and posters award + end word**

16h30 **Closing of the scientific days**