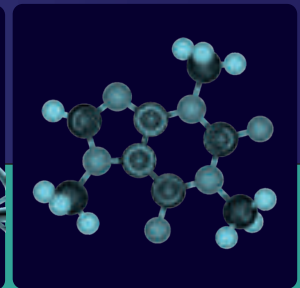
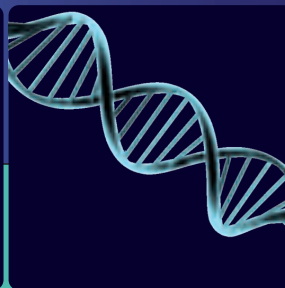
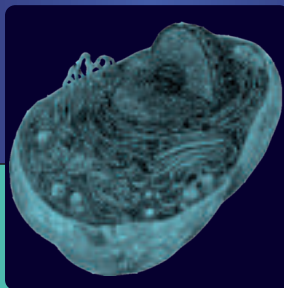
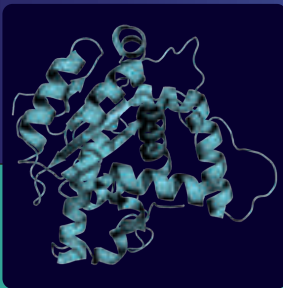




15<sup>th</sup> JEDNS<sup>85</sup>  
2015

3 & 4 SEPTEMBER 2015  
FACULTY OF SCIENCES  
NICE

# JOURNEES DE L'ECOLE DOCTORALE<sup>85</sup> DE NICE



FOR PROGRAM DETAILS AND REGISTRATION PLEASE VISIT: [WWW.JEDNS-BIO.FR](http://WWW.JEDNS-BIO.FR)

## SCIENTIFIC PROGRAM

### INVITED SPEAKERS:

LORENZO GALLUZZI, INSITUT DE CANCEROLOGIE GUSTAVE ROUSSY, PARIS.

MARIE MIROUZE, INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT, MONTPELLIER.

BART STAELS, INSTITUT PASTEUR DE LILLE, LILLE.





# ORAL COMMUNICATIONS

Thursday, September 3<sup>rd</sup> 2015

## 08:15-09:30 Oral Communications - session 1

- 1. Nedra TEKAYA**  
*Identification and characterization of novel protein complex regulating microRNA targeting*
- 2. Grégoire SAVARY**  
*miR-214-3p, a new fibromiR involved in the pathogenesis of idiopathic pulmonary fibrosis*
- 3. Laetitia BERG ALONSO**  
*Mitofusin-2 gene and mitochondrial disorders*
- 4. Olivier MERCEY**  
*Genomic mechanisms controlling multiciliated cell differentiation during airway epithelium regeneration*

## 09:30-10:30 Oral Communications - session 2

- 1. Alix DUBOIS**  
*LAMP2 deficiency in MDS/AML cells is associated with resistance to Azacytidine that can be circumvented by lysosomal and autophagy inhibitors*
- 2. Christophe RAVAUD**  
*Heterogeneous alteration of the distinct adipose tissues by HAART therapy: Molecular mechanisms, modelling and importance of their origin and function*
- 3. Delphine BAUDOY**  
*Role of Wilms' tumor suppressor (Wt1) in cardiac angiogenesis and function after myocardial infarction in adult mice?*
- 4. Daniel HAMAOU**  
*Optineurin's role in the HACE1/Rac1 axis*
- 5. Sonia BOULAKIRBA**  
*Arf6 exchange factor EFA6 and endophilin directly interact at the plasma membrane to control clathrin-mediated endocytosis*

## 11:00-11:45 Oral Communications - session 3

- 1. Thibault MOREL-JOURNEL**  
*Introduction strategies in spatially structured environments*
- 2. Marie LAROUSSE**  
*Microbiota diversity associated with root infection of *Solanum lycopersicum* by *Phytophthora parasitica**
- 3. Rihem MOUJAHED**  
*Consequence of dual biotic stresses on plant volatile emission and recruitment of egg parasitoids*

#### 16:30-17:30 Oral Communications - session 4

1. **Joséphine PARISOT**

*The transcription factor COUP-TF1 regulates hippocampus development and migration of the dentate gyrus granule cells*

2. **Jennifer LAVIGNE**

*The pathological state before the onset of Epilepsy*

3. **Miled BOUROUROU**

*Alpha-linolenic acid supplementation improves motor and cognitive functions in a mice model of stroke*

4. **Emmanuelle DOR**

*Childhood Onset Schizophrenia: Epidemiology, Clinical and Neurocognitive Exploration, Relationship With the Autism Spectrum Disorders*

Friday, September 4<sup>th</sup> 2015

#### 08:30-09:30 Oral Communications - session 5

1. **Yann CORMERAIS**

*Dissecting the pro-tumoral role of the CD98/LAT1 complex*

2. **Emilien GARCIA**

*The SYK tyrosine kinase negatively regulates  $\beta$ 1 integrin function and migration of melanoma cells*

3. **Florian ROUAUD**

*Implication of E2F1 transcription factor in melanoma*

4. **Sahar AL-QARAGHULI**

*Role of Xeroderma pigmentosum fibroblasts in squamous cell carcinoma cell invasion*

5. **Thomas GOIRAN**

*Study of PINK1 in Human Tumor Development*

#### 14:30-15:45 Oral Communications - session 6

1. **Rayane GHANDOUR**

*Regulation of the conversion of white to brown adipocytes by arachidonic acid metabolic pathway*

2. **Noémie DRUELLE**

*Pancreatic somatostatin-expressing cells: An untapped source for beta-cell regeneration?*

3. **Claudine MORATAL**

*Regulation of Adipogenic Lineage in Healthy and Dystrophic Human Muscles*

4. **Nicolas FORCIOLI-CONTI**

*Role of primary cilium during adipocyte differentiation*

**5. Ophélie LE THUC**

*A new role for Monocyte chemoattractant protein 1/CCL2 in promoting weight loss through inhibition of melanin-concentrating hormone-expressing neurons*

**6. Maude GIROUD**

*Targeting miR-125b-5p to fight obesity via browning of white adipose tissue*

**15:45-16:45 Oral Communications - session 7**

**1. Emilie BOONE**

*The study of Dilp8, a new hormone coordinating organ growth*

**2. Fariba Jian MOTAMEDI**

*WT1 controls antagonistic FGF and BMP-pSMAD pathways in early renal progenitors*

**3. Guillaume DOLLA**

*A PLA2R1 epitope study in Membranous Nephropathy : diagnostic and prognostic significance*

**4. Elia MAGRINELLI**

*The cortical patterning gene COUP-TFI regulates major components of neuronal activity during development*

**5. Jonathan PINI**

*Human induced pluripotent stem cells from Andersen's syndrome patients: Implication of the Kir2.1 potassium channel in bone morphogenesis*

# POSTER SESSIONS

Thursday, September 3<sup>rd</sup> 2015

- N°1 Sébastien MARRA**  
Effect of lipids on Acid Sensing Ion Channel 3 and pain.
- N°2 Hayet LABBAOUI**  
The small G-proteins Arf2 and Arl1 are critical for *Candida albicans* filamentous growth and virulence.
- N°3 Yannick COMOGLIO**  
Phospholipase D2 specifically regulates TREK potassium channels via direct interaction and local production of phosphatidic acid.
- N°4 Sandy BLIN**  
Tandem pore domain Halothane-Inhibited K<sup>+</sup> channel subunits THIK1 and THIK2 assemble and form active channels.
- N°5 Robert FOTI**  
Application of a Computational Homology Modeling Approach to Characterize Substrates and Inhibitors of CYP26A1 and CYP26B1.
- N°6 Rohan Sanjay WAKADE**  
Role of Rab G Proteins in the human fungal pathogen *Candida albicans*.
- N°7 Cécile GIORDANO**  
Regulation of Cubitus interruptus in the Hedgehog signalosome complex.
- N°8 Maria Isabel ACOSTA LOPEZ**  
Regulation of HACE1 by post-translational modifications.
- N°9 Patricia SILVA**  
Lipid and G-protein interactions in *C. albicans* responding to chemical and physical inducers of filamentous growth.
- N°10 Laura MORENO-LEON**  
Characterization of long non-coding RNAs modulated by hypoxia in early stage lung adenocarcinomas.
- N°11 Tania SULTANA**  
Genomic influence on integration site selection by human L1 retrotransposons.
- N°12 Zoheir HIZIR**  
Gene expression control by novel classes of small non-coding RNAs in lipid-laden macrophages.

- N°13**      **Matthieu BUSCOT**  
Potential therapeutic, diagnostic and prognosis roles of miR-199a-5p in Idiopathic Pulmonary Fibrosis.
- N°14**      **Nhat My TRUONG**  
Characterization of root-knot nematode effectors targeting host nuclear functions.
- N°15**      **Elodie NAESSENS**  
A Secreted MIF Cytokine Enables Aphid Feeding and Represses Plant Immune Responses.
- N°16**      **Loris PRATX**  
Identification of epigenetic marks in the plant parasitic root-knot nematode *Meloidogyne incognita*.
- N°17**      **Chinh-Nghia NGUYEN**  
Comprehensive Transcriptome Profiling of Root-knot Nematodes During Plant Infection and Characterization of Species-Specific Traits.
- N°18**      **Clémence MEDINA**  
Characterization of small regulatory RNAs involved in the establishment of giant cells induced by parasitic nematodes of genus *Meloidogyne*.
- N°19**      **Bastien QUAGLIETTI**  
Production of biological control agents: does genetics matter? The cases of hybridization and inbreeding.
- N°20**      **Abla KABBADJ**  
Physiological and biochemical responses to water deficit in Faba bean (*Vicia faba*), inoculated with Haouz native rhizobia.
- N°21**      **Lauriane MASSARDIER-GALATÀ**  
Is the futur of The Antarctic fur seal (*Arctocephallus gazella*) getting darker?

# POSTER SESSIONS

Friday, September 4<sup>th</sup> 2015

- N°22 Elodie VILLA**  
ARIH1, a novel regulator of mitophagy in cancer cells.
- N°23 Floriane TISSOT**  
CD98hc is required to maintain the functional and dynamic interface between the epidermis and the underlying dermis.
- N°24 Stéphanie BONAN**  
Carcinoma Associated Fibroblasts-dependent matrix remodeling RNAi screening identified ICAM1 as a regulator of pro-invasive tumor microenvironment.
- N°25 Joséphine ZANGARI**  
Neutrophils confer aggressive features to lung tumor cells via miR-223 transfer.
- N°26 Eloïse GRASSET**  
3D-organotypic invasion assays for chemical inhibitor library screening identify Cav1 calcium channel blockers as inhibitors of SCC12 collective invasion.
- N°27 Najla EL HACHEM**  
Pro-tumorigenic role of HACE1 in melanoma.
- N°28 Almahdi CHAKROUN**  
In vitro and in vivo analysis of the oncogenic role of Otx2 in medulloblastoma.
- N°29 Rania BEN JOUIRA**  
Extracellular matrix produced by BRAFi-resistant melanoma cells promotes phenotypic switching and therapeutic resistance.
- N°30 Faustine PASTOR**  
Implication of REDD1 (Regulated in Development and DNA Damage response-1) in the activation of the inflammasome.
- N°31 Julie LAMURE**  
Taste of Ten Drugs Frequently Prescribed in Nursing Homes.
- N°32 Agathe BOUCOIRAN**  
TH17 TNF $\alpha$  CD4 T cells induce osteoclasts that participate to hematopoietic stem cells egress implicated in the exacerbation of the inflammatory bowel disease (IBD)



- N°33 Douglas DAOUDLARIAN**  
Mice exposed to higher levels of sensory, motor, social and cognitive stimuli show altered survival to viral challenge or endotoxin shock associated to increase type I interferon production.
- N°34 Pierre BOURDELY**  
Interactions between innate immune cells and extracellular matrix proteins in cutaneous carcinoma.
- N°35 Ramona GALANTONU**  
A link between steroid signaling pathways and L1 retrotransposition.
- N°36 Ana Rita SALGUEIRO PEREIRA**  
Effect of Seizures on the severity of Epileptic And Cognitive Phenotypes in Mouse Models of Scn1a mutation.
- N°37 Nikita LUKIANETS**  
Cluster analysis in defining morphological neuronal identity.
- N°38 Céline HIVELIN**  
The Sortilin propeptide : release and functions.
- N°39 Yannis GERAKIS**  
 $A\beta$  peptide production in Alzheimer's disease : Implication of the unfolded protein response trough the XBP-1s-HRD1 axis.
- N°40 Georges RAAD**  
Transgenerational inheritance of paternal acquired obesity and its associated complications.
- N°41 Thomas JUAN**  
A dual function of the Zebrafish ESCRT complex in the formation and function of ciliated organs.
- N°42 Salsabiel EL NAGAR**  
Otx2 controls the proliferation of cerebellar granule cell precursors.
- N°43 Rasha AL-SAHLANEE**  
Is the immunotherapy with Fractalkine an attractive strategy for bone metastases?

# PROGRAM

## AT A GLANCE

TIME	THURSDAY, SEPTEMBER 3 <sup>RD</sup> 2015	FRIDAY, SEPTEMBER 4 <sup>TH</sup> 2015
07:30		
07:45	07:30-08:00 Registration	
08:00		
08:15	08:00-08:15 Opening speech (Dr. Thomas LAMONERE)	08:00-08:30 Registration
08:30		
08:45		
09:00	08:15-09:30 Oral Communications - Session 1 	08:30-09:30 Oral Communications - Session 5 
09:15		
09:30		
09:45		
10:00	09:30-10:30 Oral Communications - Session 2 	09:30-10:30 Keynote Lecture - Dr. Lorenzo GALLUZZI « Unsaturated fatty acids induce non-canonical autophagy » 
10:15		
10:30		
10:45	10:30-11:00 Coffee Break 	10:30-11:00 Coffee Break 
11:00		
11:15		
11:30	11:00-11:45 Oral Communications - Session 3 	11:00-12:00 Round Table with UNICEPRO
11:45		
12:00	11:45-12:00 My Poster in 30 seconds - Session 1	
12:15	12:00-12:00 Keynote Lecture - Dr. Bert STAELS « Circadian control of metabolism: Relevance as potential therapeutic targets » 	12:00-12:15 My Poster in 30 seconds - Session 2
12:30		
12:45		
13:00		
13:15	12:00-12:30 Lunch Break 	
13:30		
13:45		
14:00	12:30-13:00 Poster Session + Workshop + Career opportunities in a biotechnology company 	12:00-14:30 Poster Session 
14:15		
14:30	13:00-14:00 Keynote Lecture - Dr. Marie MIROUZE « The epigenome: a guardian of the plant metabolism? » 	14:30-15:45 Oral Communications - Session 6 
14:45		
15:00		
15:15	14:00-16:30 Coffee Break 	15:45-16:45 Oral Communications - Session 7 
15:30		
15:45	14:30-17:30 Oral Communications - Session 4 	16:45-17:15 JEDNs Awards 
16:00		
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18:15	17:30-18:00 Drinks 	
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20:15		
20:30	18:00-22:00 Dinner 	
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22:00		