

NICE Week of Sound - June 9th 2021, 9:45 am – 5:30 pm
“Ear & Sound” Scientific Workshop



9:45 – 10:00 am **Welcome & introduction** – Drs Carole BARON & Renaud DAVID

A- AUDITORY GENETICS & PHYSIOLOGY – Dr Alice GUYON

1) 10:00 – 11:00 am

Prof Jonathan GALE, PhD, Professor in Auditory Cell Biology and Interim Director of the UCL Ear Institute, University College LONDON UK

Infos: <https://www.ucl.ac.uk/ear/research/gale-lab>

Cellular and molecular mechanisms of damage, repair & regeneration in the inner ear.

2) 11:00 – 11:30 am

Dr Didier DULON, PhD, Research Director INSERM, University of BORDEAUX Fr

Head of research Unit “Clinical and Translational Exploration of Sensorineural Hearing Loss”.

Infos: <https://www.bordeaux-neurocampus.fr/team/neurophysiology-of-the-auditory-synapse/>

Neurophysiology of the auditory synapse.

3) 11:30 – 12:00 pm

Dr Fabrice GIRAUDET, PhD, Assistant Professor (MCU HDR)

Laboratoire de Biophysique Neurosensorielle, UFR de Médecine et des Professions Paramédicales NEURO-DOL, University CLERMONT AUVERGNE Fr

Infos: <https://scholar.google.com/citations?user=yUP4DkgAAAAJ&hl=fr>

Pathophysiological mechanisms of pain & hearing disorders.

12:00 – 1:00 pm Lunch break

B- AUDITORY PATHOPHYSIOLOGY THERAPIES – Dr Renaud DAVID

4) 1:00 – 2:00 pm

Prof Jean-Luc PUEL, PhD, Professor in Neurosciences and Director of MONTPELLIER Neurosciences Institute, Université de MONTPELLIER Fr

Infos: <https://www.cochlea.org/content/view/full/587>

Neurobiology, physiology & pathophysiology of hearing: deafness, tinnitus & therapies.

5) 2:00 – 2:30 pm

Dr Aziz EL AMRAOUI, PhD, Research Director INSERM PASTEUR Institute, PARIS Fr

Head of research Unit “Progressive Sensory Disorders, Pathophysiology and Therapy”.

Infos: <https://www.institut-audition.fr/en/progressive-sensory-disorders-pathophysiology-and-therapy>

Progressive sensory disorders: pathophysiology & therapy.

6) 2:30 – 3:00 pm

Dr Saaid SAFIEDDINE, PhD, Research Director CNRS PASTEUR Institute, PARIS Fr

Head of research Unit “Technologies & Gene Therapy for Deafness”.

Infos: <https://www.institut-audition.fr/en/technologies-and-gene-therapy-deafness>

Gene therapy & reversal of hearing damages.



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3:00 – 3:15 pm *Coffee break*

C- EAR & SOUND IN ANIMALS – The transdisciplinary session – Dr Isabelle MANIGHETTI

7) 3:15 – 3:45 pm

Dr Anne Le Maître PhD, Postdoctoral researcher and lecturer at Department of Evolutionary Biology - Unit for Theoretical Biology University of VIENNA Austria & Associated researcher PALEVOPRIM - University of POITIERS Fr

Infos: <https://theoretical.univie.ac.at/people/associated-scientists-and-postdocs/anne-le-maitre/>

Evolution of the Mammalian Ear: An Evolvability Hypothesis.

8) 3:45 – 4:15 pm

Dr Travis PARK PhD, Postdoctoral researcher at the National History Museum of LONDON UK

Infos: www.travisparkpalaeo.com ; <http://orcid.org/0000-0002-9492-8859>

Convergent evolution in toothed whale cochleae.

9) 4:15 – 5:15 pm

Prof Paolo GUIDETTI PhD, Professor of Ecology Université Côte d'Azur & Director of ECOSEAS laboratory, NICE Fr

Infos: <http://ecoseas.unice.fr/index.php/people/faculty-and-researchers/16-paolo-guidetti-professeur-d-universite-aies-marines-protégés>

Dr Jérôme LEBRUN PhD, CNRS Research Scientist I3S laboratory, Head of research Team "SIGNAL" – Université Côte d'Azur, SOPHIA-ANTIPOLIS Fr

Infos: <https://www.i3s.unice.fr/signal/>

Dr Audrey GALVE PhD, CNRS Research Scientist GEOAZUR, – Université Côte d'Azur, SOPHIA-ANTIPOLIS, Fr

Infos: <https://sites.google.com/view/audreygalve/accueil>

"NAUTILUS" – Marine Noise in the ligurian sea: From systematic signal analysis to impact on Marine Species.

5:15 – 5:30 pm **Final conclusions & acknowledgements**



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The Week of SOUND ORGANIZATION COMMITTEE IN NICE

Renaud DAVID is a medical doctor, psychiatrist, at the CHU of Nice. His areas of expertise, within Université Côte d'Azur and the CHU of Nice, are the diagnosis and management of Alzheimer's disease and related pathologies; neurodegenerative pathologies of the young subject and rare diseases; screening and management of physical and cognitive fragility of the elderly subject; screening, monitoring and management of post-concussion symptoms in high level athletes. He also participates in the activities of the GDR O3 (Odorants-Odeur-Olfaction) with Prof J GOLEBIOWSKI (Institut de Chimie de Nice) and is interested in the links between olfaction and neurodegenerative diseases as well as the use of odorant molecules in the management of emotional and affective disorders and motivation.

Carole BARON has a PhD in Molecular and Cellular Pathophysiology and has studied signal transduction in the central nervous system, intracellular transport and ciliogenesis. She is also a project engineer, in charge at Université Côte d'Azur Academy of excellence 4 "Complexity and Diversity of the Living Systems".

Nicolas CAPET is a physician, neurologist, head of clinic in the neurology department of the Nice University Hospital (Prof P THOMAS). He works in the Clinical Research Unit of the Central Nervous System of the Clinical Neurosciences pole (URCSNS). He participates in the MNC3 research group (digital medicine, brain and cognition) with INRIA Sophia-Antipolis. He is interested in the study and management of post-concussion syndrome in high-level athletes.

Nicolas GUEVARA MD PhD is an ENT and face and neck surgeon, specialized in hearing rehabilitation techniques, and is responsible for the Otology and audio-vestibular explorations department at the University Institute of Face and Neck (CHU of Nice). One of his main research themes is devoted to cochlear implants. He has developed a digital model of the cochlea in partnership with INRIA (Sophia-Antipolis) and one of the manufacturers of cochlear implants, Oticon Medical.

Alice GUYON is a former student of the "École Normale Supérieure" and holds a PhD in Neuroscience. She was an assistant professor for 10 years at the University of Paris 6 and then a researcher at the Institute of Molecular and Cellular Pharmacology (IPMC) in Sophia-Antipolis. She is currently a Research Director at CNRS. She has been interested in the interactions between the brain and the immune system in physiological and pathological conditions, in the beneficial effects of environmental enrichment, and more recently in the effects of non-drug interventions in prevention and care.

Contact Presse

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