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MIMA 2 Imaging Plateform

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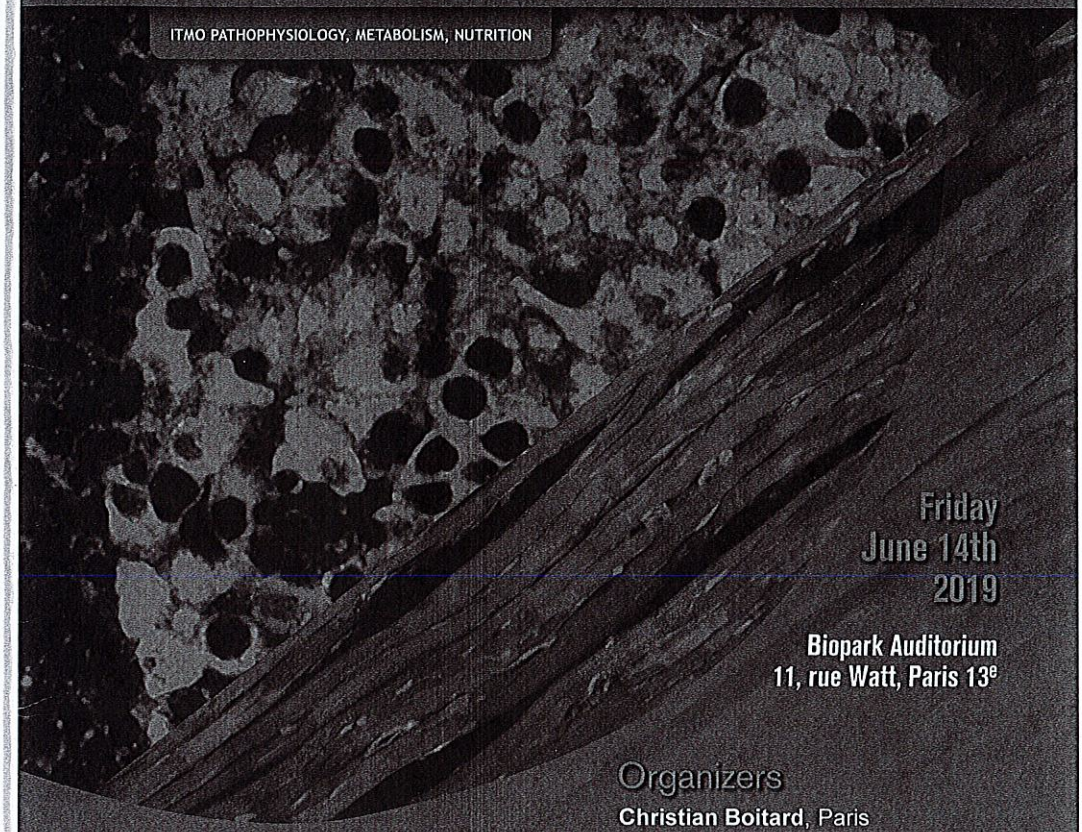
ITMO PATHOPHYSIOLOGY, METABOLISM, NUTRITION



Friday
June 14th
2019

Biopark Auditorium
11, rue Watt, Paris 13e

Organizers

Christian Boitard, Paris
Geneviève Derumeaux, Créteil
Bénédicte Gaborit, Marseille
Xavier Prieur, Nantes

Keynote speaker

Elizabeth Blackburn, San Francisco

TRANSLATIONAL RESEARCH ON DIABETIC CARDIOMYOPATHY

Speakers

Luc Bertrand, Bruxelles - **Thierry Couffinhal**, Bordeaux - **Jan D'hooge**, Leuven - **Corneliu Henegar**, Créteil - **Christophe Junot**, Saclay - **Chim Lang**, Dundee - **Agnès Lehuen**, Paris - **Frank Lezoualc'h**, Toulouse **Mathias Mericskay**, Chatenay Malabry - **Jean-Louis Pépin**, Grenoble **Maria Pini**, Créteil - **Jennifer Rieusset**, Lyon - **Mickael Tanter**, Paris

Program and registration : https://pmn.aviesan.fr

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Design : Guillemette Parcoux @Inserm

Translational research on Diabetic Cardiomyopathy – June 14th, 2019

MIMA2 Imaging Platform

Christophe Richard1,2, Thierry MEYLHEUC 1,3, Pierre ADENOT1,2, Stéphane BIACCHESI1,4, Delphyne DESCAMPS1,4, Christine LONGIN1,5, Pascale CHAVATTE-PALMER1,2

1 MIMA2 Platform, INRA, 78350, Jouy en Josas, France
2 UMR BDR, INRA, ENVA, Université Paris Saclay, 78350, Jouy en Josas, France
3 UMR MICALIS1319, INRA-APT, 78350, Jouy en Josas, France
4 UR VIM 892 INRA, 78350, Jouy en Josas, France
5 UMR GABI 1313 INRA-APT, 78350, Jouy en Josas, France

The MIMA2 platform (Microscopie et Imagerie des Micro-organismes, Animaux et Aliments) combines complementary equipment giving the possibility to perform imaging work from the nanoscopic scale to the whole animal, using live cells/pathogens or previously processed samples, as well as model and even domestic animals.
The platform is localized on the campus of the Jouy en Josas INRA center near Paris. It is open to external users, within the limit of its equipment capacities.
Practical know-how and laboratory space are available for users, including veterinary and surgical competence, sample processing protocols and automated processing equipment. Some of the work (mainly microscopic observations) can also be performed in confined L2 environment. Platform users can work in full autonomy after having trained and providing legal requirements are fulfilled (for animal experimentation) or ask for the platform to perform the analyses. The platform possesses a very large expertise, in particular in monitoring embryo and fetal development in vitro and in vivo, cardiology, non-invasive assessment of body composition in domestic animals, monitoring of infectious processes in animal models, micro-organisms and food matrix.
The microscopic and live imaging equipment of the platform are shared by several INRA research units (UMR 1198 BDR, UMR 1319 MICALIS, UMR 1313 GABI, UR 892 VIM) and are altogether referenced as Outil Collectif N°35 and labeled regionally as a strategic platform. MIMA2 is also identified in the network of Paris-Saclay's university department of life sciences within the innovation domain "life quality, health and food".
More information : https://www6.jouy.inra.fr/mima2