

Wednesday, September 27

Venue: Conference Room 300

Transborder Networking in Human Biology

Description:

This session aims to enhance human network formation of researchers in 5 global partner universities (UC Irvine, National Taiwan University, Bordeaux University, University of Sao Paulo, and University of Tsukuba). This session consists of two sessions; CiC introduction session and CiC science session. In CiC introduction session, cutting-edge researches and unique education systems of individual universities will be introduced, while in CiC science session, top researchers of each university will present newest research topics. This session will contribute to enable deep understanding with each other and stimulate the collaboration of research and education between CiC partner universities.

Session Organizers: Mitsuru Okuwaki, Fuminori Tsuruta, Yuji Funakoshi, Keiko Hirota, Kohsuke Kato, Tadachika Koganezawa, Ryoosuke Ohniwa

Part I

Chair: Yuji Funakoshi, University of Tsukuba

09:30-09:40	Dr. Akira Shibuya Opening Remarks from the Ph.D. Program in Human Biology	University of Tsukuba
09:40-10:05	Dr. Akira Shibuya "Regulation of immune responses by apoptotic cells"	University of Tsukuba
10:05-10:30	Dr. Jun Allard "Mathematical modeling of how immune cell receptors use force, space and time"	University of California, Irvine
10:30-10:55	Dr. Sergio Akira Uyemura "Studies of mitochondrial components from <i>Aspergillus fumigatus</i> : from bioenergetic to the alternative recovery of human mitochondrial disease application"	University of São Paulo
10:55-11:20	Dr. Chau-Ti Ting Genomic analyses of behavioral isolation in <i>Drosophila melanogaster</i>	National Taiwan University

Part II

Chair: Mitsuru Okuwaki, University of Tsukuba

11:50-12:00	Dr. Teruo Higashi "University of Tsukuba's Global Strategy: Campus-in-Campus (CiC)"	University of Tsukuba
12:00-12:10	Dr. Akira Shibuya "University of Tsukuba"	University of Tsukuba
12:10-12:20	Dr. Abdelhamid Benazzouz "University of Bordeaux"	University of Bordeaux
12:20-12:30	Dr. Chau-Ti Ting "National Taiwan University"	National Taiwan University
12:30-12:40	Dr. Arthur Lander "University of California, Irvine"	University of California, Irvine
12:40-12:50	Dr. Rita Tostes "University of Sao Paulo"	University of Sao Paulo

Part III

Chair: Dr. Fuminori Tsuruta, University of Tsukuba

13:10-13:35 Dr. Abdelhamid Benazzouz University of Bordeaux
"Deep brain stimulation of the subthalamic nucleus in Parkinson's disease: interaction with the monoaminergic systems"

13:35-14:00 Dr. Jérôme Ezan University of Bordeaux
"The Planar Cell Polarity (PCP) signaling - more than a molecular compass"

14:00-14:25 Dr. Yu Hayashi University of Tsukuba
"Identification of REM/non-REM sleep regulating neurons and insights to the function of REM sleep"

Part IV

Chair: Dr. Keiko Hirota, University of Tsukuba
Dr. Kohsuke Kato, University of Tsukuba

14:40-15:05 Dr. Akiyoshi Fukamizu University of Tsukuba
"Biological Methylation in Health and Disease
-Methyltransferases tell us lifespan-"

15:05-15:30 Dr. Rita Tostes University of Sao Paulo
"The innate and adaptive immune systems and their contribution to the effects of aldosterone"

15:30-15:55 Dr. Ya-Wen Liu National Taiwan University
"Dynamin-mediated Membrane Remodeling in Muscle Development, Regeneration and Disease"

15:55-16:20 Dr. Arthur Lander University of California, Irvine
Understanding proliferative growth: From homeostasis to cancer