International Conference

BioHealF 2017

14th to 16th December 2017
University of La Réunion
Saint-Denis
La Réunion

IC – BioHealF 2017
International Conference on Biodiversity Health and Food

Innovons La Réunion
**SYMPOSIUM PROGRAM**

**WEDNESDAY 13 DECEMBER 2017**

15h00 - 17h00  Registration

- Seminar gifts: bags, programs, badges (Moufia, University)
- Reception of guests at the airport and hotel shuttle
- Visits of the Technological Platform CYROI (Optional)

**THURSDAY 14 DECEMBER 2017**

8h00-9h00  Reception and registration

9h00-9h45  Welcome and Opening Speeches

- Frédéric MIRANVILLE (President of the University of La Réunion)
- Lionel CALENCE, (General director of CHU and President of CYROI),
- Didier ROBERT (President of Region Reunion)
- Amaury de SAINT QUENTIN (Prefect of Region)

9h45-10h00  Coffee Break - Meeting B2B

10h00-10h15  Presentation of Smart Specialization Strategy (S3) of Reunion Island (Innovons La Réunion)

10h15-12h55  PLENARY SESSION « Metabolic & Chronic diseases »

Chairpersons: Estelle NOBECOURT (CHU, Reunion) & Marie-Paule GONTHIER (DéTROI, Reunion)

10h15-10h35  Karine CLEMENT (UPMC-Paris, France)

« Gut microbiota and derived-metabolites in severe obesity: effect of bariatric surgery »
10h35-10h55 Ramaroson ANDRIANTSITOHAINA {University of Angers, France}
« Extracellular vesicles as biomarkers and biological vectors of atherosclerosis in Metabolic Syndrome »

10h55-11h15 Renaud BEAUWENS {ULB-Bruxelles, Belgique}
« Study of glucose-induced membrane potential oscillations in WT and F508del mouse beta cell: importance of Anoctamin 1 »

11h15-11h35 Break - Meeting B2B

11h35-11h55 Stéphane GERMAIN {Collège de France-Paris, INSERM, France}
« Preserving endothelial integrity in ischemic cardiovascular diseases: a new concept.... Really? »

11h55-12h15 Pierre-Olivier COURAUD {INSERM-Paris, France}
« CNS barriers and neuroimmune interactions »

12h15-12h35 Fatiha TABELT {UNSW-Sydney, Australie}
« MicroRNAs and cardiovascular disease »

12h35-12h55 Olivier MEILHAC {DéTROI, INSERM, Reunion}
« High-density lipoproteins: biomarkers and therapeutic tool for metabolic complications and beyond »

13h00-14h30 Lunch time

14h30-15h30 University of La Reunion and Younger researchers
Posters presentations by PhD students, young PhD

15h30-15h50 Break - Meeting B2B

15h50-17h10 PLENARY SESSION « Innovations, valorization in life and health sciences »

Chairperson: Claude MARODON {APLAMEDOM, Reunion} & Anne-Laure MOREL {Torskal}

15h50-16h10 Eric NIESOR {Hartis Pharma, Switzerland}
« Role of HDL and its receptor SR-B1 in the transport and delivery of liposoluble antioxidants: potential therapeutic implications »
16h10-16h30  Theesan BAHORUN {CBBR, Mauritius}
« Biomedical Research and Innovation: from bench to shelf »

16h30-16h50  Fabien BOULLE {Axonova, Ile Maurice}
« Identification and characterization of plant-based modulators of BDNF/TrkB signalling:
Application in Neuro-Psychiatry »

16h50-17h10  Anne BIALECKI {LCSNSA, Reunion University}
« Bioactive molecules of marine invertebrates from South-West Indian Ocean »

17h10-17h30  Coffee break - Meeting B2B

17h30-19h10  2 Workshops in parallel

« The microbiota »

Chairpersons : Fabienne REMIZE
{Reunion University} & Olivier MEILHAC
{INSERM}

Contributors : Karine CLEMENT {UPMC, France}, Pascale MOSONI {INRA, France}

« Valuation of natural compounds (regulation, testimony, exchange) »

Chairpersons : Maya CESARI {CYROI, Reunion} & Graziella TOSTAIN {Qualitropic, Reunion}

Contributors : Paul HANNEWALD
{PharmaD}, Achmet SAID {University of Comoros-Comoros}, Frédéric GAULT
{CORALBIOME}Start-ups from La Reunion, Michel HUC {ASPE-CONSEIL}

20h00  Cocktail {CYROI site}
FRIDAY 15 DECEMBER 2017

8h00-8h30  Reception and registration

8h30-11h20  PLENARY SESSION « Infectious diseases: One Health & Ecohealth »

Chairpersons: Catherine CÊTRE-SOSSAH (Cirad, Reunion) & Pablo TORTOSA (Reunion University)

8h30-8h50  Herwig LEIRS (University of Antwerp, Belgium)
« Small mammals and One Health: linking ecology to human society »

8h50-9h10  Eric CARDINAL (ASTRE, CIRAD-Reunion)
« One Health in the Indian Ocean: a concept on the move! »

9h10-9h30  Marie-Lise GOUGEON (Institut Pasteur, France)
« Innate Sensing of Viral Infections: the Janus Face of Dendritic Cells in viral infections »

9h30-9h50  Alain KOHL (University of Glasgow, UK)
« Zika virus- tropism and antiviral responses »

10h00-10h20  Coffee break - Meeting B2B

10h20-10h40  Fabrice VAVRE (LBBE - Lyon University, France)
« Extreme (and recurrent?) lifestyle transitions in tick-associated bacteria »

10h40-11h00  Patrick MAVINGUI (PIMIT, CNRS, Reunion)
« Investigations in the research unit Infectious Processes in Tropical Island Environments »

11h00-11h20  Philippe DESPRES (PIMIT, Reunion University)
« The research program on Zika virus exemplifies the PIMIT's capacity to respond to emerging infectious disease threats in Indian ocean »

11h30-13h00  2 Workshops in parallel

« Cohorts & Biological collections »
Chairpersons: Bénédicte ROQUEBERT (CHU Reunion) & Bernard REYNAUD (PVBMT, Reunion University)
Contributors: Catherine MARIMOUTOU (CIC, CHU Reunion), Eric NIESOR (Hartis Pharma, Switzerland), Jean-Hélène DI DONATO (France)

« Innovative Strategies for Vector Control »
Chairpersons: Clément GOUAGNA (MIVEGEC, IRD Reunion) & Jean Sébastien DEHECQ (ARS Indian Ocean)
Contributors: David TCHOUASSI (ICIPE, Nairobi Kenya), Frédéric SIMARD (IRD, France), Pablo TORTOSA (Reunion University), Jokin GARATEA (Cluster GAIA), Manuel DE LARA (Ocean Living Lab, Pays Basque espagnol)
13h00-14h30  Lunch time

14h30 -17h10  PLENARY SESSION « Tropical Biodiversity, Food, Health & Society »

Chairpersons: Pascale CHABANET {IRD, Reunion}, Marie THIANBO-MOREL {IRIS, Reunion}

14h30-14h50  Sylvie BERCION {University of Antilles-France}
« Antidiabetic traditional vegetal extracts as potential raw materials for new products »

14h50-15h10  Phila BIANCHINI RAHARIVELOMANANA {University of French Polynesia Française-France}
« Phytochemical assessment of Rauvolfia nukuhivensis : from uses to biological activities and chemodiversity »

15h10-15h30  Pascale MOSONI {INRA, France}

15h30-15h50  Break - Meeting B2B

15h50-16h10  Jocelyn RAUDE {EPV, PIMIT, IRD Reunion}
« The role of interaction between Human behaviors and environments in the dynamic of mosquito-borne diseases »

16h10-16h30  Mathieu WEIL {QUALISUD, France}
« Piper borbonense, a wild pepper from Réunion Island : Characterization, impact of processes on quality and valorization »

16h30-16h50  Frédéric SANDRON {CEPED, IRD France}
« 5P: a research program for studying aging in La Reunion Island »

16h50-17h10  Coffee Break - Meeting B2B

17h10-18h30  Conference closing

- Return of workshops
- Students awards
- Closing speeches: {INSERM}, Martine HOSSAERT {CNRS}, Yves MARTIN-PREVEL {IRD}
18h30-19h30  Conference General Public

- Gilles BOETSCH {CNRS}  « Ecologie de la santé et transition épidémiologique »

SATURDAY 16 DECEMBER 2017

Guests visit

Morning  « Vanilla plantation of Ste Suzanne »

- Presentation of vanilla research projects associated, Hippolyte KODJA {UMR QualiSud}
- Lunch: « Village Bienvenue » in Sainte Marie (non définitif)

Afternoon  « Sugar cane factory and distillery of Savanah »

- Presentation of sugar cane projects, Bernard SIGMUND {Ercane}