



V WORKSHOP OF THE BRAZILIAN INITIATIVE ON PRECISION MEDICINE (BIPMED)

in conjunction with the

IV MEETING OF THE BRAZILIAN NODE OF THE HUMAN VARIOME PROJECT (HVP-BRAZIL)

April 7th, 2018 – 8:30am to 5:00pm

Preliminary Program

COURSE: Population Genomics – 8:30am – 12:30pm

8:00am-8:30am-Registration

8:30am – 9:20am – Population demography and human genetic variability.

David Comas. Departament de Ciències Experimentals i de la Salut, Institute of Evolutionary Biology (CSIC-UPF), Universitat Pompeu Fabra, Barcelona, Spain.

9:20am- 9:30am – Q&A

9:30am – 10:05am – Biostatistics tools for population structure and ancestry inference. **Rodrigo Secolin.** Department of Medical Genetics, Faculty of Medical Sciences, University of Campinas (UNICAMP), SP, Brazil.

10:05am – 10:15am - Q&A

10:15am – 10:30am - Coffee break

10:30am – 11:05am – Natural selection, with MHC genes as example.

Kelly Nunes. Department of Genetics and Evolution Biology. Institute of Biosciences, University of São Paulo (USP), SP, Brazil.

11:05am-11:15am - Q&A

11:15am – 11:50am – Pharmacogenomics and mitochondrial genome haplogroups. **Marcelo Briones/Renata Carmona e Ferreira .** Department of Health Informatics. Federal University of São Paulo (UNIFESP), SP, Brazil.

11:50am – 12:00pm - Q&A

12:00pm – 1:30pm – Lunch

April 7th, 2018
8:30am to 5:00pm
Salão Nobre FCM
UNICAMP
Campinas, SP
BRAZIL

WORKSHOP: 1:30pm – 5:00pm

1:30pm – 1:40pm – Welcome message. **Iscia Lopes-Cendes.** Member steering committee, BIPMed and HVP-Brazil.

1:40pm – 2:10pm – Bioinformatics tools and security protocols developed by BIPMed. **Benilton Carvalho.** Department of Statistics, Institute of Mathematics, Statistics and Scientific Computing, University of Campinas (UNICAMP), SP, Brazil.

2:10pm – 2:20pm – Q&A

2:20pm – 2:40pm – BIPMed in the cloud. **Welliton de Souza.** Department of Medical Genetics, Faculty of Medical Sciences, University of Campinas (UNICAMP), SP, Brazil

2:40pm – 2:50pm - Q&A

2:50pm – 3:10pm – BIPMed new databases. **Cristiane Rocha.** BIPMed Project Manager.

3:10pm – 3:20pm - Q&A

3:20pm – 3:35pm - **Coffee break**

3:35pm – 3:55pm – HVP - Global Globin 2020. **Mônica Melo.** Research scientist at the Center for Molecular Biology and Genetic Engineering (CBMED), University of Campinas (UNICAMP), SP, Brazil.

3:55pm – 4:05pm - Q&A

4:05pm – 4:25pm – New projects. **Wilson Silva.** Member steering committee, BIPMed and HVP-Brazil.

4:25pm – 4:35pm - Q&A

4:35pm – 5:00pm – General Discussion and Final Remarks. **Iscia Lopes-Cendes.** Member steering committee, BIPMed and HVP-Brazil.

Partnership



Support

