BEFRI Genomics Day 2024

Friday, June 21
Unitobler, room F 021, Lerchenweg 36, University of Bern

Organisation: PD Dr. Rémy Bruggmann, Interfaculty Bioinformatics Unit | IBU

Many thanks for your registration before June 14:
https://forms.gle/Rb2QAxKzG7AxWvEJ7
In case of questions, please contact Jolanda Paganoni Zurbrügg.

09:15 Opening Words

09:20 NGSP UniBe
«NGS Platform UniBe/UniFr»
09:35 Geert van Geest, IBU
«Bioinformatics Platform UniBe»
09:50 Catherine Peichel, IEE
«The role of genome evolution in adaptation and speciation»
10:15 Carsten Riether, DBMR
«Spatial transcriptomic analysis of resistance mechanisms in head and neck cancer»

10:40 Coffee Break

10:55 Anna Oevermann, VetSuisse
«Deciphering the host-pathogen tango between Listeria monocytogenes and phagocytes using omics approaches»
11:20 Florian Aeschimann, CSL Behring
«Analysis of lentivirus-host genome fusion transcripts to derive splicing-free insulators»
11:45 Hugues Abriel, IBMM
«Rare Diseases on the African Continent: Initial Insights from Nanopore Sequencing Techniques»
12:10 Anne Gregor, DBMR
«Modelling LHX2-associated neurodevelopmental disorder in human brain organoids»

12:35 Lunch in the foyer
Program Afternoon

13:30 Selected PhD student presentations

Jan Franzen, VetSuisse
  talk title to be defined
Daniel Hanhart, DBMR
  talk title to be defined
Dominique Vuarambon, IPS
  «mRNA stability in response to short exposure to warm temperatures in Arabidopsis»
Michael Ammeter, DBMR
  «Deciphering the spatial heterogeneity of interstitial lung disease by integrative radiomics and single-nucleus transcriptomic profiling»
tbd
  talk title to be defined

15:00 Coffee Break

15:15 Alumni Talks:
  - Judith Bergadà, Postdoctoral Scientist, University Hospital Zürich
  - Tim Ogi, Data & Software Engineer, OLZ AG
  - tbd

16:15 Closing words, followed by a poster session with labs from UniBE and UniFR
  accompanied by an apéro (registration needed, see link above)