

# 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 Aeschmann, 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

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## 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)

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