

BEFRI

Genomics Day 2023

Thursday April 27

Biology Building



More informations:

<https://www.cuso.ch/activity/?p=1741&uid=6716>

Faculté des Sciences et de Médecine
Mathematische-Naturwissenschaftliche und Medizinische Fakultät

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Biology Building Auditorium O.110

10:15 *Welcome address*

10:20 **Dr. Gregory Resch, CHUV-UNIL**

« Phage therapy: recent advances in Lausanne (and elsewhere) »

10:55 **Dr. Shawna McCallin, Balgrist University Hospital, UniZH**

« Clinical applications of phage therapy and support from genomic analysis »

11:30 *Coffee Break*

11:45 **Dr. Matthew Dunne, ETHZ**

« Genetically engineered bacteriophages as future therapeutic and diagnostic agents »

12:20 **Selected PhD talks (3-4x 10min)**

12:50 *Lunch break*

14:00 **Dr. Fabien Labroussaa, VetSuisse, UniBe**

« Awakening the sleeping beauties in multidrug-resistant bacterial genomes: lytic conversion of prophages in *Staphylococcaceae* »

14:35 **Dr. Alise Ponsero, Univ. of Helsinki, Finland**

« Computational phage detection tools for metagenomic dataset : a reproducible benchmark »

15:10 *Coffee Break*

15:30 **Prof. Carlos Peña-Reyes, HEIG-VD, SIB, Yverdon-Les-Bains**

« Hey Phage, give me your genome! Predicting phage-bacteria interactions from genomics data with deep and machine learning »

16:05 **Dr. Mirjam Zünd, UC Irvine, USA (online)**

« Localization and quantification of inducible prophages in microbial genomes using NGS data »

16:45 **Open-ended Poster session for Msc Bioinfo**

Registration is free, but to help us organise the event, please register by clicking on the

« Registration » orange link at the top of this page:

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