

Program
4th Annual Meeting of NORBIS, October 17-19
Fleischer's Hotel, Voss



Wednesday, October 17

17:45 **Welcome** Manuela Zucknick (UiO)

18:00 **Presentation of new NORBIS coordinator** Ragna Breines (UiB)

Chair: Inge Jonassen

18:05 **Virtual physiological human models for treatment computation in reproductive medicine** – Susanna Röblitz (Computational Biology Unit, UiB)

19:00 *DINNER*

21:00 **Poster session 1** Odd number presenters

Thursday, October 18

Chair: Manuela Zucknick

09:00 **Multi-Omics and Statistical Computing**
Wolfgang Huber (EMBL Heidelberg, Germany)

10:00 – 10:45 **Student talks** – *Chair: Turkuler Ozgumus*

10:00 Maternal use of thyroid hormone replacement therapy at the time of pregnancy: group-based trajectory modelling of adherence and agreement between self-reporting and prescription records – *Anna Frank (UiO)*

10:15 Integration of quantitative multiomics: dissecting a microbial community up to its technical limits – *Francesco Delogu (NMBU)*

10:30 The heritability curve and its applications in family trios studies – *Francesca Azzolini (UiB)*

10:45 *BREAK (short feedback session)*

11:15 – 12:00 **Student talks** – *Chair: Owen Thomas*

11:15 Antibiotic persistence may cause treatment failure even if efficiently cleared by the immune system – *Antal Martinecz (UiT)*

11:30 Predicting drug interactions in cancer cells with multiple kernel learning – *Leiv Rønneberg (UiO)*

11:45 Pyranges: efficient comparisons of genomic intervals in Python – *Endre Bakken Stovner (NTNU)*

12:00 *LUNCH (short feedback session)*

13:15 *TEAM-BUILDING ACTIVITIES (Mestermøte) by [Vossamoro](#)
Remember good shoes and warm weather proof clothes. We will be outside
and this is Voss, expect 3-5 degrees.*

Chair: Tatiana Polushina

16:00 **INTERACTIONS: Examples and interpretations** – *Håkon K. Gjessing (NIPH /
UiB)*

17:30 **Poster session 2**
Even number presenters

19:30 *DINNER (with poster prize)*

Friday, October 19

Chair: Ines Heiland

09:00 **Pitfalls and paradoxes in data analysis**
Jan Terje Kvaløy (UiS)

10:00 - 11:45 **Student talks** – *Chair: Sarah Martin*

10:00 Perinatal environment modifies genetic susceptibility for diabetic
retinopathy – *Olena Fedotkina (UiB)*

10:15 Weight and weight change and risk of atrial fibrillation – the HUNT Study –
Tingting Feng (NTNU)

10:30 Associations between clinical symptoms, plasma norepinephrine and
deregulated immune gene networks in subgroups of adolescents with
Chronic Fatigue Syndrome – *Chinh Bkrong Nguyen (UiO)*

10:45 *BREAK (short feedback session), check out*

11:00 - 11:45 **Student talks** – *Chair: Diana Domanska*

11:00 EFSIS – Ensemble Feature Selection Integrating Stability – *Xiaokang Zhang
(UiB)*

11:15 Automatic assembly of genome-scale metabolic draft reconstructions from
KEGG data – *Emil Karlsen (NTNU)*

11:30 Internationalization

11:45 **Closing remarks**
Inge Jonassen (UiB)

12:00 *LUNCH (short feedback session)*

DEPARTURE by train to Bergen and Oslo