

## 13<sup>th</sup> Symposium Graduate School for Health Sciences 2021

Date: Tuesday, November 23<sup>rd</sup> to Wednesday, November 24<sup>th</sup>, 2021  
Location: Schloss Münchenwiler

### Scientific program

**Tuesday, November 23**

**Talks and poster flashes in parallel Rooms: **Atelier** and **Südsaal****

Talks: 8 min presentations, 5 min discussion & 2 min feedback  
Poster flashes: 1 min

**08.30 – 09.25      Arrival and check-in, Welcome Coffee**

**09.30 – 09.45      Welcome Sissel Guttormsen, president & Tullia Padovani, Coordinator  
In plenum: streaming from Atelier to zoom and to the Südsaal**

**09.50 – 11.05      **Session I, Atelier**  
Parallel session: streaming from Atelier to zoom  
Chairs: Sissel Guttormsen**

- 09.50 – 10.05      **Schneider Caroline**  
Importance of exercise training therapy timing with regard to cardiotoxicity and patient preference in early breast cancer and lymphoma patients - recruitment challenges and first insights
- 10:05 – 10.20      **Hamza Tasnim**  
Cross-design and cross-data format synthesis using network meta-analysis
- 10.20 – 10.35      **Wunderlin Marina**  
Acoustic stimulation during non-REM sleep to increase memory consolidation in older adults
- 10.35 – 10.50      **Begré Lorin**  
Understanding treatment outcomes of HIV/HBV-coinfection: A prospective cohort of HIV/HBV-coinfected patients in Europe (Euro-B)
- 10.50 – 11.05      **Chiocchia Virginia**  
The ROB-MEN tool to evaluate the Risk Of Bias due to Missing Evidence in Network meta-analysis

<b>09.50 – 11.05</b>	<b>Session I, Südsaal in parallel</b> <b>Parallel session: no streaming</b>
<b>Chairs:</b>	<b>Lorenz Räber</b>
09.50 – 10:05	<b>Chalkou Konstantina</b> A two-stage prediction model for heterogeneous effects of treatments, combining several sources of data
10:05 – 10:20	<b>Chihota Belinda</b> Metabolic syndrome and estimated Cardiovascular disease risk among HIV-positive and negative adults in Southern Africa
10.20 – 10.35	<b>Itodo Oche</b> Longitudinal changes in cardiometabolic risk factors in subacute traumatic and non-traumatic spinal cord injury (SCI): Evidence from the multicenter SCI cohort in Switzerland (SwiSCI)
10.35 – 10.50	<b>Riebensahm Carlotta</b> Determinants of liver steatosis in people living with HIV
10.50 – 11.05	<b>Bühler Janine</b> The role of the Sense of Agency in Functional Neurological Disorders: an fMRI – TMS study
<b>11.10 – 12.25</b>	<b>Session II, Atelier</b> <b>Parallel session: streaming from Atelier to zoom</b>
<b>Chairs:</b>	<b>Claudio Nigg</b>
11.10 – 11.25	<b>Mendoza Jaimes Yuly Paulin</b> Predictive factors of cirrhosis regression: a pilot study
11.25 – 11.40	<b>Meinel Thomas</b> Cardiovascular MRI compared to echocardiography to identify sources of ischemic stroke
11.40 – 11.55	<b>Mesa Vieira Cristina (ZOOM)</b> Mental health in migrants with pre-migration exposure to armed conflict
11.55 – 12.10	<b>Denzer Simone (ZOOM)</b> Effect of Changes in Experience of Reality on EEG Microstates
12.10 – 12.25	<b>Diezig Sarah (ZOOM)</b> Brain Network Dynamics associated with dream-like hypnagogic Experiences at the Transition to Sleep
<b>11.10– 12.25</b>	<b>Session II, Südsaal</b> <b>Parallel session: no streaming</b>
<b>Chair:</b>	<b>Evangelia Liakoni</b>
11.10 – 11.25	<b>Seo Michael</b> Developing prediction models when there are systematically missing predictors in an individual patient data meta-analysis

- 11.25 – 11.40      **Brunner Corinne**  
Educational videos for parents of children with Atopic Dermatitis - The EduDerm study
- 11.40 – 11.55      **Lenouvel Eric**  
Reducing Fear of Falling among the elderly
- 11.55 – 12.10      **Mallet Maria Christina**  
Do face masks cause abnormal gas exchange during exercise testing in children?
- 12.10 – 12.25      **Nadesalingam Niluja**  
OCoPS-Study: Preliminary Results

**12.30 – 14.00      Lunch**

**14.00 – 16.00      Poster flash (1 min/poster)**  
**In plenum: streaming from Atelier to zoom and to the Südsaal**  
**Chair                      Dario Cazzoli**

1. **Fischer Elia:** ACE-X – a computerized adaptive screening tool for executive deficits after stroke
2. **Adamus Christine:** Independent Supported Housing for Non-Homeless Individuals with Serious Mental Illness: Randomized Controlled Trial vs. Observational Study
3. **Brechbühl Daniel:** High Dose Steroids in Children with Stroke and Unilateral Focal Arteriopathy: A Multicentre Randomized Controlled Trial, PASTA (Paediatric Arteriopathy Steroid Aspirin) trial
4. **Brill Esther:** Can a serious game-based cognitive training attenuate cognitive decline related to Alzheimer's disease?
5. **Bühler Janine:** Investigating the Effect of a Mindfulness-Based Stress Reduction Program in Functional Neurological Disorders  
*MAD minutes\_1*
6. **Bundo Marvin:** The impact of ambient temperature on mental health
7. **Charlotte Kern:** Modeling of SARS-CoV-2 treatment effects for informed drug repurposing
8. **Filchenko Irina:** The role of sleep-disordered breathing in the evolution of cognitive functioning after stroke
9. **Buitrago Garcia Diana:** Characteristics and completeness of reporting in systematic reviews of prevalence in adult populations. A systematic review of systematic reviews
10. **Gastens Viktoria:** Development and validation of a new prognostic index for mortality risk in multimorbid adults  
*MAD minutes\_2*
11. **Hamusonde Kalongo:** Changes in sexual behavior following HIV diagnosis during 20 years of follow up: Behavioral heterogeneity and the role of sexual preference
12. **Jakob Julian:** Effects of Electronic Nicotine Delivery Systems on pulmonary health in teenagers
13. **Jin Baudouin:** Predict and Monitor Epilepsy after a First Seizure: Halftime

14. **Kentgens Anne-Christianne:** Novel capnographic indices in comparison to classical volumetric capnography parameters in children with CF
15. **Kolev Mirjam:** Belimumab in Autoimmune Liver Diseases with associated Sjögren's Syndrome  
*MAD minutes\_3*
16. **Lange Naomi Franziska:** Gender disparities in the performance of non-invasive tests for fibrotic non-alcoholic fatty liver disease in type 2 diabetes mellitus
17. **Menéndez Granda Marta:** Using Loss or Gain Incentives to Enhance Prospective Memory in Older Adults
18. **Nafzger Sabine:** EMOKid – The Modulatory Effect of High Dose Glucocorticoids on Emotional Dysregulation in Children and Adolescents with Haematological Malignancies.
19. **Patt Nadine:** Effect of high-intensity interval training combined with energy management education on health-related quality of life in persons with multiple sclerosis: design of a randomized controlled trial with six-month follow-up
20. **Ram Sai:** Changing motivations for conference attendance across professional careers  
*MAD minutes\_4*
21. **Rodriguez Belén:** Cognitive Dysfunction in Postural Tachycardia Syndrome
22. **Schürch Kirstin:** Cerebral blood flow and its association with cognitive and motor performance in pediatric cancer survivors
23. **Shalaeva Evgeniya:** Coronary computed tomography angiography predicts one-year mortality in patients with type 2 diabetes and partial foot amputation
24. **Shamu Tinei:** Virologic control in people living with HIV starting first line or switching to second line antiretroviral therapy in Zimbabwe: A cohort study
25. **Siepen Bernhard:** Deciphering outcomes in intracerebral haemorrhage associated with different types of oral anticoagulants

#### 14:30 – 14.45 Break

26. **Strebel Sven:** Hearing Loss in Childhood Cancer Survivors
27. **Wenz Elena:** Peptide profile and hypocretin measurements in central disorders of hypersomnolence- investigating the narcoleptic borderland with mass spectrometry
28. **Wernli Ursina:** Off-label Use and Subcutaneous Drug Administration in Swiss Hospice Settings
29. **Wild Salome:** Neurophysiological evidence for dimensionality in mental health: On the associations of sleep and personality functioning
30. **Lerch Seraina:** Overview of a PhD project on Entrustable Professional Activities (EPAs) in old age psychiatry: first insights

*MAD minutes\_5*

31. **Zeller Céline:** Improving sleep to prevent cognitive decline: study design
32. **Zens Philippe:** Molecular epidemiology of lung cancer brain metastases
33. **Amstutz Deborah:** Reward Sensitivity in Parkinson's Disease Patients with Subthalamic Nucleus Deep Brain Stimulation
34. **Andreotti Themis-Areti:** Complex Lymphatic Anomalies: Update on a monocentric Registry
35. **Mitchell Sharon: Investigating Needs Of Frontline Healthcare Professionals Towards Precision Medicine A Focus Group Study**  
*MAD minutes\_6*
36. **Gaëtan-Romain Joliat:** International assessment and validation of the prognostic role of lymph node ratio in patients with resected pancreatic head ductal adenocarcinoma
37. **Davidović Maša:** Breast cancer, age, distribution and ethnicity by HIV Status in South Africa: Cross-Sectional study
38. **Jehli Elisabeth:** The bed nucleus of the stria terminalis as a key player in paranoia and anxiety
39. **Salvador Dante Jr.:** Diabetes and myocardial fibrosis: a systematic review and meta-analysis
40. **Kurmann Christoph:** Predicting Brain Eloquentness with perfusion imaging using deep-learning: The BENIGN study
41. **Chapellier Victoria:** Impaired nonverbal social perception affects functional capacity in schizophrenia  
*MAD minutes\_7*
42. **Al-Alwan Heba:** Subclinical thyroid dysfunction and incidence of diabetes: an individual participant data analysis of prospective cohort studies
43. **Gamba Magda:** Association of the Dietary Phytochemical Index with cardiometabolic risk factors
44. **Schmidt Nadine:** The Effect of HD-tDCS on Attentional Control and Prospective Memory in Healthy Older Adults
45. **Renggli Luzia:** Interactive Access to Current Hospital-specific Antimicrobial Consumption Data: The ANRESIS Dashboard
46. **Wyss Carmen:** How does maternal obesity relate to cesarean section?
47. **De Schrijver Evan (ZOOM):** Vulnerability factors driving differential patterns in the temperature-related mortality between urban, peri-urban and rural areas in Switzerland

<b>16.30 – 18.00</b>	<b>Poster Viewings in Room Church</b>
	<b>In plenum: no streaming</b>
<b>Chairs:</b>	<b>Godfather/mothers</b>

**19.00**                      **Dinner**

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Wednesday, November 24

**Workshop: Philosophy and History of Science: how health sciences produce evidence and talks in parallel Rooms: Atelier and Südsaal**

**07.30 – 09.00 Breakfast & Check-Out**

**09.00 – 12.30**      **Workshop Atelier: Prof. Marcel Weber**  
**Group A**  
**Parallel session: streaming from Atelier to zoom**  
**Chairs: Tobias Nef**

09.00 – 09.05      Introduction to Prof. Marcel Weber

09.05 – 09.45      Presentation: Can scientific policy advice be value-neutral? The case of COVID-19

09.45 – 10.35      Discussion in groups

**10.35 – 11.00 Coffee Break**

11.00 – 11.05      Introduction to Dr. Raphael Scholl

11.05 – 11.45      Presentation: Taking evolution seriously in the philosophy of medicine

11.45 – 12.30      Discussion in groups

**09.00 – 12.30**      **Workshop Südsaal: Dr. Raphael Scholl**  
**Group B**  
**Parallel session: no streaming**  
**Chairs: Sissel Guttormsen**

09.00 – 09.05      Introduction to Dr. Raphael Scholl

09.05 – 09.45      Presentation: Taking evolution seriously in the philosophy of medicine

09.45 – 10.35      Discussion in groups

**10.35 – 11.00 Coffee Break**

11.00 – 11.05      Introduction to Prof. Marcel Weber

11.05 – 11.45      Presentation: Can scientific policy advice be value-neutral? The case of COVID-19

11.45 – 12.30      Discussion in groups

**12.30 – 14.00 Lunch**

**14.00 – 15.30**      **Session III; Atelier**  
**Parallel session: streaming from Atelier to zoom**  
**Chair Marcel Zwahlen**

14.00 – 14.15      **Raguindin Peter**

The trajectory of cardiometabolic risk in subacute Spinal Cord Injury: A longitudinal analysis from Swiss Spinal Cord Injury cohort (SwiSCI)

- 14.15 – 14.30 **Göldlin Martina**  
MRI small vessel disease phenotype in intracerebral haemorrhage
- 14.30 – 14.45 **Roa Diaz Zayne**  
Age at Natural Menopause and Blood Pressure Traits: Mendelian Randomization Study
- 14.45 – 15.00 **Salem Yasmin**  
Later lung function in birth weight discordant monozygotic twins
- 15.00 – 15.15 **Camenzind Magdalena**  
The effect of tRNS on creativity performance: preliminary results

**14.00 – 15.30** **Session III; Südsaal**  
**Parallel session: no streaming**  
**Chair** **Achim Elfering**

- 14.00 – 14.15 **Conring Frauke**  
Paranoia in schizophrenia: a behavioural and structural neuroimaging study
- 14.15 – 14.30 **Gangl Nicole**  
Paranoia in schizophrenia: a behavioural and structural neuroimaging study
- 14.30 – 14.45 **Rosner Jan**  
Central Neuropathic Pain: From Phenotypes to Mechanisms
- 14.45 – 15.00 **Grisotto Giorgia**  
Association of plant-based diet and early onset of natural menopause
- 15.00 – 15.15 **Oestreich Marc-Alexander**  
Monitoring pulmonary function in infants and children with cystic fibrosis
- 15.15 – 15.30 **Wüthrich Florian**  
Preliminary findings from OCoPS, part 2: Task based fMRI

**15:30 – 16.00** **Coffee Break**

**16.00 – 16.30** **Award ceremony best poster and talk (Tullia Padovani),**  
**Closure Symposium (Sissel Guttormsen)**  
**In plenum: streaming from Atelier to zoom and to the Südsaal**

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