
CURRICULUM VITAE

PERSONAL INFORMATION

Name [Salome Kurth](#), Asst. Prof., PD, Dr. sc. nat.
Born Feb 21, 1982, in Biel, CH
Position Head of [Baby Sleep Laboratory](#), at the University of Fribourg, [Dept. of Psychology](#) and at the University Hospital Zurich, [Dept. of Pulmonology](#)
OrcID [0000-0003-1432-4367](#)
Research Development of sleep regulation / Maturation of neuronal networks / Mapping with high-density electroencephalography / Cognitive development in early childhood / Interaction with family context, nutrition, and gut microbiome



EDUCATION

2021 **Certificate of Advanced Studies (CAS) in Leadership Psychology**, Kalaidos FH, CH
 2019 **Venia Legendi (PD) in Neuroscience with the focus of Neurobiology and Neurophysiology**, Medical Faculty, University of Zurich, CH
 2018 **Certificate of Advanced Studies (CAS) in Teaching & Learning in Higher Education**, University of Teacher Education Zurich, CH
 2011 **PhD in Neuroscience**, University of Zurich, CH with **International PhD Program in Neuroscience**, Neuroscience Center Zurich (ZNZ)
 2007 **MSc in Biology**, University of Bern, CH

EMPLOYMENT HISTORY

2019- **SNF Eccellenza Professorial Fellowship**, Dept. of Psychology, University of Fribourg, CH
 2017- **Assistant Lecturer (Lehrbeauftragte)**, University of Zurich, CH
 2016- **Research Group Leader**, Clinical Research Priority Program, University of Zurich; Dept. of Neurology and Pulmonary Clinic, University Hospital Zurich, CH
 2012-2016 **Postdoctoral Fellow**, Dept. of Integrative Physiology, University of Colorado Boulder, USA
 2011-2012 **Postdoctoral Fellow**, University Children's Hospital Zurich, CH
 2007-2011 **PhD Student**, University Children's Hospital Zurich, CH

INSTITUTIONAL RESPONSIBILITIES

- [Internal Ethics Board](#), Dept. of Psychology, University of Fribourg (since 2020)
- **Management board**, Competence Center [Sleep and Health Zurich](#) (SHZ, since 2018)

PUBLICATIONS

[Up-to-date publication list](#)

RESEARCH PROJECTS

- *GrumpyBiome: Synchronization of gut microbiota and sleep rhythm in infancy* 2022-23
- *Development of sleep regulation - a window of opportunity for fostering healthy development.* 2019-24
- *New avenues of infant sleep: an imperative in brain development.* 2019-21
- *Development of sleep regulation and gut microbiota in infants with colic.* 2017-19
- *Monitoring infants sleep by actigraphy – state of the art and future directions.* 2017-19
- *Sleep and gut microbiota in infants.* 2016-19
- *Sleep and white matter maturation in childhood and early adolescence.* 2012-15
- *Sleep and brain connectivity in early childhood.* 2012-15
- *Brain connectivity and sleep in preschool children.* 2011-12
- *How does intense caffeine consumption in adolescents affect their development?* 2011-12

RECENT TEACHING ACTIVITIES

- **Mentoring: 44 Trainees: 4 Postdocs, 5 PhD Students, 16 MA Students, 13 BA Students, 6 Interns** in Psychology, Neurobiology, Ethology, Pharmacology, Integrative Physiology, Human Movement Sciences, 13 thereof co-mentored
- **MA and BA Colloquium** (2021-), Baby Sleep Laboratory, Psychology, University of Fribourg
- **Research Colloquium Cognitive Neuroscience I and II** (2020-) Psychology, University of Fribourg
- **Block Course** (2017) Biomedicine, University of Zurich, *Actigraphy in Sleep Research* (BME348)
- **Sleep & Health Seminar** (2017-) University of Zurich (SPV0Y040, CRPP/ ZIS/ SHZ)

ACTIVE MEMBERSHIPS

Associated Partnership: NCCR Microbiomes

Membership: Swiss Psychological Society (SPS), Swiss Society for Early Childhood Research (SSECR), Sleep and Health Zurich (SHZ), Neuroscience Center Zurich (ZNZ), European Sleep Research Society (ESRS), Swiss Society for Sleep Research, Sleep Medicine and Chronobiology (SSSSC), FLUX Society

ORGANISATION

- **Co-chair and organizer**, *Sleep & Health Symposium*, University Center of Competence Sleep & Health Zurich (SHZ, Zurich, 2022, 2021 and Virtual Congress, 2020)
- **Chair and organizer**, *Brain Plasticity and Network Dynamics in Sleep: Moving the Field Forward with Novel Quantitative Tools*, symposium at the annual SLEEP meeting (APSS, Seattle, 2015)

RECENT OUTREACH

- ***Digital Science Café*** (virtual, 2020-) Role: Co-Founder together with Caroline Lustenberger. A peer exchange about academic leadership, networking and growth, an interdisciplinary network platform among young scientists with leadership function.
- ***Monitoring infants sleep by actigraphy – State of the art and future directions*** (CH, 2017-19) Role: Co-Founder and Organizer. Junior Grant: A student-to-expert approach for research integration and dissemination.
- ***Women in Science*** and ***The New Sleep Research Generation*** (CH, 2016-19) Role: Co-Founder and Organizer. Two Junior Grants: Open discussion round for junior female scientists centered around Zurich, platform to extend and strengthen networks.
- **BLOG *Baby Sleep Laboratory*** (virtual, 2020-) Role: Founder and Co-Writer. Dissemination of latest findings and scientific methodology to lay language in E/D/F