
PUBLICATION LIST SALOME KURTH updated Mar 18 2021

Publications of particular significance are marked (*). IF refers to 5-year journal impact factor, ISI Journal Citation Reports (JCR)

1. PUBLICATIONS

To be submitted (1)

- 1) *From Alpha Diversity to ZZZ: Exploring associations among sleep, gut bacteria and behavioral development in infancy*

Schoch S, Castro-Meija JL, Krych L, Kot W, Leng B, Kohler M, Huber R, Rogler G, Biedermann L, Walser JC, Nielsen D, **Kurth S**, [Preprinted at OSF Preprints](#)

Under Review (2)

- 1) *Sleep behavior of infants with infantile hemangioma treated with propranolol*

Theiler M*, Knöpfel N*, Von Der Heydt S, Schwieger-Briel A, Luchsinger I, Smith A, Kernland-Lang K, Waelchli R, Neuhaus K, Kohler M, Gnannt R, Schoch S*, Weibel L*, **Kurth S***, *Shared first and last authorship

- 2) *Altered EEG markers of synaptic plasticity in a human model of NMDA receptor deficiency: anti-NMDA receptor encephalitis*

Gefferie SR, Maric A, Critelli H, Gueden S, Kurlemann G, **Kurth S**, Nosadini M, Plecko B, Ringli M, Rostásy K, Sartori S, Schmitt B, Suppiej A, Van Bogaert P, Wehrle FM, Huber R, Bölsterli BK, [Preprinted at medRxiv](#)

Peer-reviewed (39)

- 1) [*Severe Effects of the COVID-19 Confinement on Young Children's Sleep: A Longitudinal Study Identifying Risk Factors and Protective Arrangements*](#)

Markovic A, Mühlematter C, Beaugrand M, Camos V, **Kurth S**, J Sleep Res (IF 3.70)

- 2) * [*Which are the central aspects of infant sleep? The dynamic of sleep composites across infancy*](#)

Schoch S, Huber R, Kohler M, **Kurth S**, 2020, Sensors (IF 3.28)

- 3) [*Actigraphy in sleep research with infants and young children: current practices and future benefits of standardized reporting*](#)

Schoch S, **Kurth S***, Werner H* *Shared last authorship, 2020, J Sleep Res (IF 3.70)

- 4) [*Characterization of overnight slow wave slope changes across development in an age-, amplitude- and region-dependent manner.*](#)

Jaramillo V, Volk C, Maric A, Furrer M, Fattinger S, **Kurth S**, Lustenberger C, Huber R, 2020, SLEEP (IF 5.87)

- 5) [*Sleep EEG slow wave activity in medicated and unmedicated children and adolescents with attention-deficit/hyperactivity disorder*](#)

Furrer M, Jaramillo V, Volk C, Ringli M, Aellen R, Wehrle FM, Pugin F, **Kurth S**, Brandeis D, Schmid M, Jenni O, Huber R, 2019, Translational Psychiatry (IF 5.18)

- 6) [*The experience-dependent increase in deep sleep activity is reduced in children with attention-deficit/hyperactivity disorder*](#)

Furrer M, Ringli M, **Kurth S**, Brandeis D, Jenni O, Huber R, 2019, Sleep Medicine (IF 3.93)

- 7) [*Endocrine responses during CPAP-withdrawal in obstructive sleep apnoea: data from two randomized controlled trials*](#)

- Thiel S, Haile SR, Peitzsch M, Schwarz E, Sievi N, **Kurth S**, Beuschlein F, Kohler M, Gaisl T, 2019, Thorax (IF 8.89)
- 8) * [A simple sleep EEG marker in childhood predicts brain myelin 3.5 years later](#)
LeBourgeois M, Dean D, Deoni S, Kohler M, **Kurth S**, 2019, NeuroImage (IF 7.08)
- 9) * [Actimetry in infant sleep research: an approach to facilitate comparability](#)
Schoch S, Jenni O, Kohler M, **Kurth S**, 2019, SLEEP (IF 5.87), Openly accessible [analysis codes](#)
- 10) [Across-night dynamics in traveling slow waves throughout childhood.](#)
Schoch S, Riedner B, Deoni S, Huber R, LeBourgeois M, **Kurth S**, 2018, SLEEP (IF 5.87)
- 11) [How do children fall asleep? A high-density EEG study of slow waves in the transition from wake to sleep.](#)
Spiess M, Bernardi G, **Kurth S**, Wehrle F, Ringli M, Jenni OG, Huber R, 2018, NeuroImage 178: 23-35 (IF 7.08)
- 12) [Theta waves in children's waking electroencephalogram resemble local aspects of sleep during wakefulness](#)
Fattinger S, **Kurth S**, Ringli M, Jenni O, Huber R, 2017, Scientific Reports 7(1): 11187 (IF 5.87)
- 13) * [Travelling slow oscillations during sleep – a marker of brain connectivity in childhood.](#)
Kurth S, Riedner B, Dean DC, O’Muircheartaigh J, Huber R, Jenni OG, Deoni SC, LeBourgeois MK, 2017, SLEEP 40(9) (IF 5.87)
- 14) [Chronic social stress leads to altered sleep homeostasis in mice.](#)
Olini N, Rothfuchs I, Azzinnari D, Pryce CR*, **Kurth S***, Huber R* *Shared last authorship, 2017, Behav Brain Res 327: 167-173 (IF 3.06)
- 15) [High-density electroencephalographic recordings during sleep in children and adolescents with acquired brain injury.](#)
Mouthon A, Meyer-Heim A, **Kurth S**, Ringli M, Pugin F, Van Hedel HJA, Huber R, 2017, Neurorehabil Neural Repair 31: 462-474 (IF 4.84)
- 16) [Acute Sleep Restriction Increases Dietary Intake in Preschool-Age Children.](#)
Mullins E, Miller AL, Cherian SS, Lumeng JC, Wright KP, **Kurth S**, LeBourgeois MK, 2017, J Sleep Res 26: 48-54 (IF 3.70)
- 17) * [Increased sleep depth in developing neural networks: new insights from sleep restriction in children.](#)
Kurth S, Dean DC, Achermann P, O’Muircheartaigh J, Huber R, Deoni SC, LeBourgeois MK, 2016, Front Hum Neurosci 10: 456 (IF 4.02)
- 18) [Development of nap neurophysiology: preliminary insights into sleep regulation in early childhood.](#)
Kurth S, Lassonde JM, Pierpoint LA, Rusterholz T, Jenni OG, McClain IJ, Achermann P, LeBourgeois, MK, 2016, J Sleep Res 25: 646-654 (IF 3.70)
- 19) [Sleep moderates the association between response inhibition and self-regulation in early childhood.](#)
Schumacher A, Miller A, Watamura SE, **Kurth S**, Lassonde J, LeBourgeois MK, 2016, J Clin Child Adolesc Psychol 46: 222-235 (IF 4.84)
- 20) [Developmental changes in sleep spindle characteristics and sigma power across early childhood.](#)
McClain IJ, Lustenberger C, Achermann P, Lassonde J, **Kurth S***, LeBourgeois MK* *Shared last authorship, 2016, Neural Plast 2016: 3670951 (IF 3.42)
- 21) [Sleep physiology in toddlers: effects of missing a nap on subsequent night sleep.](#)

- Lassonde JM, Rusterholz T, **Kurth S**, Schumacher AM, Achermann P, LeBourgeois MK, 2016, *Neurobiol Sleep Circ Rhythms* 1: 19-26 (IF n/a – new journal)
- 22) [*Developmental trajectories of EEG sleep slow wave activity as a marker for motor skill development during adolescence: a pilot study.*](#)
Lustenberger C, Mouthon AL, Tesler N, **Kurth S**, Ringli M, Buchmann A, Jenni OG, Huber R, 2016, *Dev Psychobiol* 59: 5-14 (IF 2.79)
- 23) [*High-density electroencephalographic recordings during sleep in children with disorders of consciousness.*](#)
Mouthon A, Van Hedel HJA, Meyer-Heim A, **Kurth S**, Ringli M, Pugin F, Huber R, 2016, *NeuroImage-Clin* 11: 468-475 (IF 4.81)
- 24) [*Topography of slow sigma power during sleep is associated with processing speed in preschool children.*](#)
Doucette M*, **Kurth S***, Chevalier N, Munakata Y, LeBourgeois MK * Shared first authorship, 2015, *Brain Sciences* 5(4): 494-508 (IF n/a – new journal)
- 25) [*Caffeine consuming children and adolescents show altered sleep behavior and deep sleep.*](#)
Aeppli A*, **Kurth S***, Tesler N, Jenni OG, Huber R * Shared first authorship
2015, *Brain Sciences* 5(4): 441-55 (IF n/a – new journal)
- 26) [*Myelination is associated with processing speed in early childhood: preliminary insights.*](#)
Chevalier N, **Kurth S**, Doucette MR, Wiseheart M, Deoni SC, Dean DC, O’Muircheartaigh J, Blackwell KA, Munakata Y, LeBourgeois MK, 2015, *PLoS One* 10(10) (IF 3.35)
- 27) * [*Sleep slow-wave activity reveals developmental changes in experience-dependent plasticity.*](#)
Wilhelm I, **Kurth S**, Ringli M, Mouthon AL, Buchmann A, Geiger A, Jenni OG, Huber R, 2014, *J Neurosci* 34(37): 12568-75 (IF 6.52)
- 28) [*Spike wave location and density disturb sleep slow waves in patients with CSWS \(continuous spike waves during sleep\).*](#)
Bölsterli Heinzle BK, Fattinger S, **Kurth S**, LeBourgeois MK, Ringli M, Bast T, Critelli H, Schmitt B, Huber R, 2014, *Epilepsia* 55(4): 584-91 (IF 5.18)
- 29) * [*Development of brain EEG connectivity across early childhood: does sleep play a role?*](#)
Kurth S, Achermann P, Rusterholz T, LeBourgeois MK, 2013, *Brain Sciences* 3(4): 1445-1460 (IF n/a – new journal)
- 30) [*The sleep EEG topography in children and adolescents shows sex differences in language areas.*](#)
Ringli M*, **Kurth S***, Huber R, Jenni OG * Shared first authorship, 2013, *Int J Psychophysiol* 89(2): 241-245 (IF 3.31)
- 31) [*The effects of caffeine on sleep and maturational markers in the rat.*](#)
Olini N, **Kurth S**, Huber R, 2013, *PLoS One* 8(9) (IF 3.35)
- 32) [*Topography of sleep slow wave activity in children with attention-deficit/hyperactivity disorder.*](#)
Ringli M, Souissi S, **Kurth S**, Brandeis D, Jenni OG, Huber R, 2013, *Cortex* 49(1): 340-347 (IF 4.97)
- 33) [*Mapping the electrophysiological marker of sleep depth reveals skill maturation in children and adolescents.*](#)
Kurth S, Ringli M, LeBourgeois MK, Geiger A, Buchmann A, Jenni OG, Huber R, 2012, *NeuroImage* 63(2): 959-65 (IF 7.08)

- 34) [*Sleep electroencephalography topography and children's intellectual ability.*](#)
Geiger A, Huber R, **Kurth S**, Ringli M, Achermann P, Jenni OG, 2012, Neuroreport 23(2): 93-97 (IF 1.49)
- 35) [*Anatomical markers of sleep slow wave activity derived from structural magnetic resonance images.*](#)
Buchmann A, **Kurth S**, Ringli M, Geiger A, Jenni OG, Huber R, 2011, J Sleep Res 20(4): 506-13 (IF 3.70)
- 36) [*EEG sleep slow-wave activity as a mirror of cortical maturation.*](#)
Buchmann A, Ringli M, **Kurth S**, Schaerer M, Geiger A, Jenni OG, Huber R, 2011, Cereb Cortex 21(3): 607-15 (IF 6.80)
- 37) [*The sleep EEG as a marker of intellectual ability in school age children.*](#)
Geiger A, Huber R, **Kurth S**, Ringli M, Jenni OG, Achermann P, 2011, Sleep 34(2): 181-89 (IF 5.87)
- 38) [*Characteristics of sleep slow waves in children and adolescents.*](#)
Kurth S, Jenni OG, Riedner BA, Tononi G, Carskadon MA, Huber R, 2010, Sleep 33(4): 475-80 (IF 5.87)
- 39) * [*Mapping of Cortical Activity in the First Two Decades of Life: A High-Density Sleep Electroencephalogram Study.*](#)
Kurth S, Ringli M, Geiger A, LeBourgeois MK, Jenni OG, Huber R, 2010, J Neurosci 30(40): 13211-219, Cover Article (IF 6.52)

2. PEER-REVIEWED BOOKS / MONOGRAPHS / REVIEW ARTICLES (3)

- 1) [*Spatio-temporal properties of sleep slow waves and implications for development*](#)
Timofeev I, Schoch S, LeBourgeois M, Huber R, Riedner B, **Kurth S**, Invited Review, 2020, Current Opinion in Physiology/ Physiology of Sleep
- 2) [*Sleep and early cortical development.*](#)
Kurth S, Olini N, Huber R, LeBourgeois MK, 2015, Current Sleep Medicine Reports 1(1): 64-73
- 3) [*Sleep Slow Oscillations and Cortical Maturation.*](#)
Kurth S, Huber R, 2012, Sleep and Brain Activity Ed Frank, M; Elsevier; ISBN: 9780123849953

Up-to-date publication list:

<http://scholar.google.ch/citations?user=J2iWmzYAAAAJ&hl=de>

<https://www.ncbi.nlm.nih.gov/sites/myncbi/1xa9taFUhFIAZ/bibliography/47545266/public/?sort=date&direction=descending>

3. PEER-REVIEWED CONFERENCE PROCEEDINGS (13)

- 1) *Slow wave activity topography predicts development of brain myelin in children*
LeBourgeois M, Deoni S, Dean D, **Kurth S**, 2018, J Sleep Res 27: S1 (IF 3.70)
- 2) *Sigma power topography maturation across the first two decades of life*
Kurth S, Huber R, LeBourgeois M, 2018, J Sleep Res 27: S1 (IF 3.70)

- 3) *Tracking infant development: Links between sleep-wake behavior and gut bacteria beta-diversity*
Schoch S, Castro-Mejia C, Leng B, Kot W, Krych L, Nielsen D, **Kurth S**, 2018, J Sleep Res 27: S1 (IF 3.70)
- 4) *EEG signatures of brain maturation in children: age-related and across-night dynamics in spatial propagation of slow oscillations.*
Schoch S, Riedner B, Dean DC, O'Muircheartaigh J, Deoni S, Huber R, Jenni O, LeBourgeois M, **Kurth S**, 2017, Sleep Med 40: Suppl 1, e174 (IF 3.88)
- 5) *Concerns about your baby's sleep: maternal cognitions and infant sleep at 3 and 6 months of age.*
Schoch S, Jenni O, Huber R, **Kurth S**, 2017, Sleep Med 40: Suppl 1, e296 (IF 3.88)
- 6) *Mapping brain connectivity with spatio-temporal patterns of sleep slow oscillations across childhood.*
Kurth S, Riedner B, Dean DC, O'Muircheartaigh J, Deoni S, Huber R, LeBourgeois M, 2016, J Sleep Res 25: 59-59 (IF 3.70)
- 7) *Region-specific response to sleep restriction in children: associations with performance and myelination.*
Kurth S, Deoni S, Achermann P, Dean DC, Doucette MR, O'Muircheartaigh J, LeBourgeois MK, 2014, J Sleep Res 23: 5-5 (IF 3.70)
- 8) *Caffeine delays markers of maturation in juvenile rats.*
Olini N, **Kurth S**, Huber R, 2012, J Sleep Res 21: 267-267 (IF 3.70)
- 9) *Brain connectivity assessed by sleep EEG coherence spectra: region- and frequency-specific maturation during early childhood.*
Kurth S, Rusterholz T, Achermann P, LeBourgeois M, 2012, J Sleep Res 21: 135-135 (IF 3.70)
- 10) *The maturation of specific skills is predicted by the topographical distribution of sleep slow wave activity.*
Kurth S, Ringli M, Geiger A, Buchmann A, Jenni O, LeBourgeois M, Huber R, 2012, J Sleep Res 21: 67-67 (IF 3.70)
- 11) *Dynamic properties of sleep states in children and adults.*
Imbach L, Werth E, **Kurth S**, LeBourgeois M, Huber R, Baumann CR, 2012, J Sleep Res 21: 135-136 (IF 3.70)
- 12) *Maturation changes in sleep slow wave activity topography precede skill maturation and cortical thinning.*
Kurth S, Ringli M, Geiger A, Buchmann A, Jenni OG, LeBourgeois MK, Huber R, 2012, SLEEP 35: A389-A389 (IF 5.87)
- 13) *Age-related changes of EEG power and coherence in the sleep slow-wave frequency range.*
Kurth S, Ringli M, Geiger A, LeBourgeois M, Jenni OG, Huber R, 2011, SLEEP 34: A26-A26 (IF 5.87)

4. ORAL CONTRIBUTIONS (CONFERENCES / INSTITUTIONS)

International presentations (>40), for example

- ***Slow oscillations in children and their potential as neurodevelopmental marker***, 2020, Congress of the European Sleep Research Society (ESRS), Planned for Sevilla, ES, yet Virtual Conference due to COVID
- ***A sleep EEG marker to assess brain myelin development in children***, 2019, Annual Meeting of the American Academy of Child & Adolescent Psychiatry, Chicago, USA

- ***Sleep and gut bacteria in the early human lifespan: A window of opportunity?***, 2019, Dept. of Psychology, University of Bruxelles, BE
- ***The possibility of a sleep-brain-gut axis***, 2017, Dept. of Food Science, University of Copenhagen, DK
- ***EEG signatures of brain maturation***, 2017, World Sleep Congress, Prague, CZ
- ***Mapping brain connectivity with spatio-temporal patterns of sleep slow oscillations across childhood***, 2016, Congress of the European Sleep Research Society (ESRS), Bologna, IT
- ***Sleep and brain development***, 2015, Colorado Sleep and Circadian Research Symposia (CSCRS), Boulder, USA
- ***Neural network dynamics: What can we learn from children's sleep?*** Symposium title: ***Brain Plasticity and Network Dynamics in Sleep: Moving the Field Forward with Novel Quantitative Tools***, 2015, SLEEP Meeting of the Associated Professional Sleep Societies (APSS), Seattle, US, **Role of Chair**
- ***Region-specific response to shortened sleep in childhood: Associations with performance and myelination***, 2015, Annual PNIRS (Psycho-Neuro-Immunology Research Society) Scientific Meeting, Seattle, USA
- ***Maturation of EEG neurophysiology: New insights into sleep regulation across childhood***, 2015, Center for Sleep and Consciousness, University of Wisconsin-Madison, USA
- ***Sleep and brain development***, 2014, Sleep Medicine Seminar, Dept. of Integrative Physiology, CU Boulder, and Anschutz Medical Campus, Denver, CO, USA
- ***Neurodevelopment and sleep regulation in children***, 2014, SLEEP Meeting of the Associated Professional Sleep Societies (APSS), Minneapolis, USA, **Role of Co-chair**
- ***Region-specific response to sleep restriction in children: associations with performance and myelination***, 2014, European Sleep Research Society (ESRS), Tallinn, EE, **Receipt of the Young Scientist Award**
- ***The developing sleep EEG and clinical context***, 2013, Sleep Training Workshop: New Classification of Sleep and Mental Disorders, Lake Arrowhead, USA
- ***Early developmental changes in the temporal dynamics of sleep EEG coherence***, 2013, SLEEP Meeting of the Associated Professional Sleep Societies (APSS), Baltimore, MD, USA
- ***Sleep electrophysiology – a mirror of brain maturation?*** 2012, Neuroscience Seminar, Dept. of Integrative Physiology, CU Boulder, USA
- ***Regional sleep physiology and brain development***, 2012, Neuroscience Seminar, Dept. of Integrative Physiology, CU Boulder, USA
- ***Brain connectivity and sleep in early childhood***, 2012, Meeting of Determinant of Executive Function and Dysfunction (DEFD), CU Boulder, USA
- ***The maturation of specific skills is predicted by the topographical distribution for sleep slow wave activity***, 2012, Congress of the European Sleep Research Society (ESRS), Paris, FR
- ***Myelin patterns and high-density sleep EEG in preschool children. Investigations of brain maturation and function***, 2013, SLEEP Meeting of the Associated Professional Sleep Societies (APSS), Baltimore, USA
- ***Early developmental changes and across-night dynamics in sleep EEG coherence***, 2013, SLEEP Meeting of the Associated Professional Sleep Societies (APSS), Baltimore, USA
- ***Local Sleep***, 2013, Guest lecture, Sleep Medicine Seminar, Dept. Integrative Physiology, CU Boulder, USA
- ***Plasticity and sleep during development***, 2011, Sleep Seminar, Dept. of Integrative Physiology, CU Boulder, USA

- ***Sleep EEG topography during childhood: a reflection of cortical maturation?***, 2010, European Sleep Research Society (ESRS) in Lisbon, PT
- ***Characteristics of sleep slow-waves in children and adolescents***, 2009, Bradley Sleep Laboratory, Brown University, USA
- ***Relationship between sleep pressure and the slope of slow-waves during puberty***, 2008, Congress of the European Sleep Research Society (ESRS) in Glasgow

National presentations (>50), for example

- ***On the search of how sleep regulation develops in the first year of human life: Does the gut microbiome play a role?*** 2020, Symposium of the Genetic Diversity Center, ETH, Zurich
- ***Development of rhythm in the first year: sleep regulation in infants***, 2019, Swiss Society of Sleep Research, Sleep Medicine, and Chronobiology (SSSSC), Fribourg
- ***Babies, bedtimes and bacteria***, 2018, Sleep & Health Zurich, UZH
- ***The gut-brain-sleep axis – how can we digest it?***, 2017, Retreat of the Child Development Center, University Children Hospital Zurich
- ***Increased sleep depth in developing neural networks: new insights from sleep restriction in children***, 2016, Swiss Society of Sleep Research, Sleep Medicine, and Chronobiology (SSSSC), Basel
- ***Sleep and the gut microbiome***, 2016, Retreat of the Clinical Research Priority Program (CRPP) Sleep & Health of the UZH
- ***Mapping cortical maturation by high density EEG during sleep***, 2010, Symposium of the Center for Integrative Human Physiology Zurich (ZIHP), Zurich
- ***Mapping of Cortical Activity in the First Two Decades of Life: A High-Density Sleep Electroencephalogram Study***, 2009, Swiss Society of Sleep Research, Sleep Medicine, and Chronobiology (SSSSC), Bern, **Receipt of the Sponsors Award for Outstanding Basic Sleep Research**

5. OUTREACH

Presentations at research institutions, for example

- ***Ask the professors: Things I've always wanted to know***, 2020, "BrainStorm", Brain plasticity in children at risk for neurodevelopmental impairments, Symposium, University Children's Hospital Zurich
- ***Maturation of sleep rhythm in children: Investigating its function and risks***, 2019, Lunchtime Seminar, Dept of Psychology, University of Fribourg
- ***Sleep regulation in early life – a window of opportunity for development***, 2019, SECMED Neurobiology Seminars, University of Fribourg
- ***Babies, Bedtimes and Bacteria***, 2019, Cheesy Wednesday (for PhD students and Postdocs), University Children's Hospital Zurich
- ***Grundlagen: Schlaf bei Kindern. Aktuelle Forschung***, 2018, Weiterbildung Kind und Schlaf, Schweizerischen Fachverband für Neurophysiologische Diagnostik SFND
- ***Das Schreibaby: Haben Schlaf und Darmflora einen Einfluss?***, 2018, Geburtshilfliches Symposium, „Das Mikrobiom - Faszinierender Organismus Was hat das mit Geburtshilfe zu tun?“, Frauenklinik Stadtspital Triemli Zürich
- Repeated contributions at Neonatology Seminar, USZ, 2016-2018

- **Developing neural networks: new insights from sleep EEG in children**, 2016, Seminar, Institute of Psychology, UZH
- **Sleep and neurodevelopment**, 2016, Guest Lecture, Psychological Institute, University of Lausanne, CH
- **Mapping of Cortical Activity in the First Two Decades of Life: A High-Density Sleep Electroencephalogram Study**, 2010, Sleep Seminar, Institute of Pharmacology and Toxicology, UZH
- **Measures of cortical maturation**, 2010, Second Research Symposium of the Child Development Center, KISPI
- **Schlaf EEG – Entwicklungsaspekte [Sleep EEG – Developmental Aspects]**, 2009, Neuroscience seminar, KISPI

Other outreach, for example

- **Youtube Media Communication**, [Baby Sleep Lab Research Project](#), 2021, Science dissemination and recruitment Video, >25K views
- **Co-Chair and Co-Organizer**, [Sleep and Health Symposium 2020](#), 2020, Center of Competence Sleep & Health Zurich, University of Zurich
- **Media Communication**, 2020, University of Zurich. [Tweet](#), 2020, Sleep and Health Zurich, [Tweet](#)
- **Media Communication**, [L'enfant a un autre sommeil](#), 2020, Interview, La Gruyère, Magazin
- **Media Communication**, [Experiment Lockdown: Auch in Sachen Schlaf](#), 2020, Interview, Alma&Georges, Online Magazine of the University of Fribourg
- **Media Release**, [Kinder schlafen anders](#) [Le sommeil des enfants est différent du nôtre](#), 2020, Medienmitteilung, Universität Fribourg
- **Media Communication**, [Kinder schlafen anders](#), 2020, Universitas, Magazin Universität Fribourg
- **Baby Sleep Laboratory Website**, [Science BLOG](#), 2020, in English, German and French
- **Pint of Science**, *Babies, Bedtimes and Bacteria*, 2019, Oliver Twist Pub, Zurich
- **BrainFair Zürich, Podiumsdiskussion**, «Schlaf und Ernährung», [Schlaf bei Kindern - ein Fenster mit Einblick in die Entwicklung](#), 2019, Diskussionsforum, Universität Zürich
- **Media Communication**, *Schlaf, Kindlein, Schlaf – Bitte, Bitte!*, 2018, Interview, [Schweizer Familie](#), Magazin
- **Cover Article**, [Schlafen wie ein Baby](#), 2018, Interview, Polykum ETHZ Magazin, 20,000 prints,
- **Project 325 – interfaces and beyond**, *Sleep – the “off-state” of our brains?*, 2018, Wartburg, CH, a trans-disciplinary retreat
- **Sleep & Health Zurich 2018, Moderation Stefan Klapproth**, [Schlaf, Gesundheit und Gesellschaft](#), 2018, Public Event, University of Zurich
- **Media Release**, [Developing brain regions in children hardest hit by sleep deprivation](#), 2016, Medienmitteilungen UZH
- **Media Release**, [Beta Test: Another reason why kids need sleep](#), 2014, Colorado Public Radio
- **Classroom Visits USA**, CU Boulder, USA, kindergarten, international pre-college, teaching neuroscience, sleep, research tools and research activities
- **Education Programs**, UZH, “Brain Fair”, multiple lectures to high school students (2011, 2017); educational public research events, “Scientifica” (2011), “Nacht der Forschung” (2009), and “Parcours des Wissens” (2008)
- **Sleep Research Workshops**, since 2007, KISPI, UZH, CU Boulder, USA, organization and teaching, college

and high-school students

- **Classroom Visits CH**, since 2008, UZH, elementary and high school, teaching neuroscience, sleep, research tools and research activities

6. OTHER CONTRIBUTIONS TO SCIENCE

- **Co-founder** of *Digital Science Café*, an interdisciplinary peer network of academic leadership (2020-)
- **BLOG**, [Science BLOG](#), of the Baby Sleep Laboratory, in English, German and French (2019-)
- **Management board**, [Center of Competence Sleep & Health Zurich](#)
- **Co-founder** [Monitoring infants sleep by actigraphy – State of the art and future directions](#), a student-to-expert approach for research integration, dissemination and publication (2017-2020)
- **Co-founder** of [Women in Science](#) for promotion and networking of young female scientists (2016-2019)
- **Co-Founder**, [The New Sleep Research Generation](#), a platform to extend and strengthen the network within and around academia (2018-2019)
- Regular **submission of symposia**
- **Co-Writer**, [Sleep & Health Zurich Tweet](#)