
Be On Time!

XVII
EUROPEAN BIOLOGICAL RHYTHMS SOCIETY
CONGRESS
in Zurich, Switzerland

PROGRAM
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Committees

Organizing Committee

Steven Brown
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Martin Ralph
Department of Psychology
University of Toronto
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Sara Montagnese
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Valérie Simonneaux
Institut des Neurosciences Cellulaires et Intégratives
Université Louis Pasteur
Strasbourg
France

Alena Sumová
Institute of Physiology
Academy of Sciences of the Czech Republic
Czech Republic
General Information

Dates and opening hours

<table>
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<tr>
<th>Day</th>
<th>Congress</th>
<th>Registration</th>
<th>Poster Sessions</th>
<th>Exhibition</th>
<th>Trainee Day</th>
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<tr>
<td>Sunday, 24. July</td>
<td>16:30 – 20:00</td>
<td>14:00 – 20:00</td>
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<td>Monday, 25. July</td>
<td>09:00 – 19:00</td>
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<td>Tuesday, 26. July</td>
<td>09:00 – 19:00</td>
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<td>Wednesday, 27. July</td>
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<td>Thursday, 28. July</td>
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Venue address:

**University of Zurich**
Irchel Campus
Winterthurerstrasse 190
8057 Zurich
Switzerland

*Map and more details are also available on the website of the congress*

Congress Dinner

Wednesday, 27. July at 19:30h
Please register if you wish to attend

Badges

Each registered participant will receive a name badge upon arrival. For organizational and security reasons, we ask that all participants and exhibitors wear their badges at all times during the congress activities.

Abstract book

Abstract book is available on the website of the congress: [www.ebrs2022.uzh.ch](http://www.ebrs2022.uzh.ch)

WIFI

Most universities and research institutions use eduroam. Members of such institutions have internet access in the public areas of the UZH via the WLAN network *eduroam*. We recommend testing eduroam access at your home university in advance to ensure that the configuration is correct.

Or, as a guest at UZH, you can access the Internet everywhere where there is WLAN access: Simply select the WLAN network *uzh-guest*. After doing so, accept the terms of service and fill in the registration form with your mobile phone number. Then, you will receive an access code by text message, which allows you to unlock Internet access. This option is available for all cell phone carriers that allow the receiving of SMS (text messages) in Switzerland.
Acknowledgement

EBRS 2022 is grateful to the following institutions and organizations for their support of the XVII Congress of the European Biological Rhythms Society.
Program
Sunday 24. July 2022

09:00 – 15:30  Trainee Day
Organized by the Young Researchers Committee of the EBRS

09:00 – 09:15  Welcome  Young Researcher Committee

09:15 – 10:00  Keynote  Rm Y15-G40
An unexpected journey from spatial to temporal gene expression  Ueli Schibler

10:15 – 11:00  Trainee Day Session 1
Rm Y15-G20  Translational research: bridging the gap between basic and clinical science in chronobiology  Phyllis Zee
Rm Y15-G40  From mimosas to -omics... history of chronobiology  Martha Merrow
Rm Y15-G60  Long term effects of flight pollution on rodents and amphibians  Noga Kronfeld-Schor

11:00 – 11:15  Break

11:15 – 12:00  Trainee Day Session 2
Rm Y15-G20  Asking the right questions in science  Till Roenneberg
Rm Y15-G40  Getting your message across...at the talk, the poster and the bar  Steven Brown
Rm Y15-G60  Lives of researchers in different countries  Aarti Jagannath, David Virshup & Yoshitaka Fukada

12:00 – 13:15  Lunch networking game

13:15 - 15:00  Trainee Day Session 3

13:15 – 14:00  High tech methods in chronobiology  Erik Herzog & Debra Skene
Rm Y15-G40  Circadian Clocks: a driving force of rhythmic physiology  Charna Dibner
13:15 – 15:00  Analyzing circadian rhythms with “Big Data” and/or machine learning  Bharath Ananthasubramaniam
Rm Y15-G60

14:00 – 15:00  Trainee Day Session 4
Rm Y15-G20  Transitions to postdoc or industry?  Achim Kramer & Andrea Spinnler
Rm Y15-G60  The importance of self-regulation skills for pre- and postdoctoral students  Peter Gollwitzer

15:15 – 15:30  Closing remarks  Young Researcher Committee
14:00 – 16:00 Registration EBRS 2022 congress

16:00 Congress Opening / Meeting Welcome
Rm Y15-G40 Martha Merrow, DE & Steven Brown, CH

16:15 Daylight Academy Symposium:
Daylight and Healthy Ageing in Modern Society
Rm Y15-G40 Chair: Oliver Stefani, CH
16:15 Introduction: The importance of daylight Oliver Stefani, CH
16:30 How much sleep do we need? How much social jetlag Till Roenneberg, DE
can we tolerate? New insights thanks to Corona.
17:00 Timing of light exposure and food intake on Phyllis Zee, US
         cardio- metabolic disease risk.
17:30 Metabolomics of shifted clocks, sleep and food timing. Debra Skene, UK
18:00 PosterBlitz: Around the Week in 30 Posters Diverse participants
         Chair: Anna Biller, DE

18:30 Welcome Reception sponsored by the Canton and City of Zurich, and Zurich Tourism
Monday 25. July 2022

08:30 - 09:00  Coffee available in foyer
Lichthof

09:00 - 09:45  Kappers Lecture
Rm Y15-G40  Chair: Steven Brown, CH
Why is the SCN such a brilliant timepiece?  Prof. Michael Hastings, UK

09:45 - 10:15  Coffee Break

10:15 - 12:30  Parallel Sessions 1:

1. The Right Time for Immune Health
Rm Y15-G40  Chair: Chun-Xia Yi, NL

10:15  > Circadian rhythms in adaptive immunity  Julie Gibbs, UK
10:40  > Circadian control of the immune system  Christoph Scheiermann, CH
11:05  > The impact of time of day of vaccine administration on anti-spike IgG antibody levels  Kyriaki Papantoniou, AT
11:20  > Hypercaloric diet and time-restricted feeding reprogram microglial day-night immunity  Chun-Xia Yi, NL
11:45  > Circadian control of inflammation  David Ray, UK
12:10  > The Clock is ticking for HIV-1  Helene Borrmann, UK

10:15 - 12:30  2. The Nuts and Bolts of Circadian Function in Diverse Species
Rm Y03-G85  Chair: Eva Wolf, DE

10:15  > A structural understanding of clock function  Eva Wolf, DE
10:40  > A reductionist approach to the circadian clockwork  Hanspeter Herzel, DE
11:05  > CLOCK-BMAL1 and MYC-MAX leverage histone contacts for DNA motif recognition  Alicia Michael, CH
11:20  > Molecular clock mechanisms in crop and model plants  Alex Webb, UK
11:45  > Casein kinase 1 and disordered clock proteins form functionally equivalent phospho-based circadian modules in fungi and mammals  Michael Brunner, DE
12:10  > Pick your phosphosite-pick your timing: Casein Kinase 1 regulation of PER2  David Virshup, US

10:15 - 12:30  3. Clocks: Symbiosis and Biome
Rm Y03-G91  Chair: Silke Kiessling, UK

10:15  > Biological clocks in cnidarians: symbiotic aspects  Oren Levy, IL
10:40  > KILLING TIME: biological rhythms in host-parasite interactions  Sarah Reece, UK
11:20  > The circadian regulation of microbiota and gastrointestinal health  Silke Kiessling, UK
11:45  > Microbial Exposure Resets Cellular Circadian Rhythmicity  Priya Crosby, US
12:10  > The role of the gut microbiome in chronotype tuning  Eran Tauber, IS

10:15 – 12:30  4. Genetic and Neural Networks Specifying Circadian Function
RM Y03-G95  Chair: Juergen Ripperger, CH

10:15  > A circadian circuit for social interactions  Han Kyoung Choe, KO
10:40  > Multi-omics correlates of insulin resistance and circadian function mapped directly from human serum  Hien Ngoc Du, CH
11:05  > Clock-to-clock communication in the adrenal gland  Iwona Olejniczak, DE
11:20  > Function of the SCN to promote food searching in mice  Juergen Ripperger, CH
11:45  > Naturally occurring Circadian-clock variation in Arabidopsis: lab and field studies  Seth Davis, UK
Peripheral clocks gate-keep external signals to ensure continued tissue homeostasis

Thomas Mortimer, ES

LUNCH BREAK & POSTER SESSION A

Parallel Sessions 2:

5. Diverse Approaches to Understanding Clocks and Sleep in Disease

Chair: Sara Montagnese, IT

Rm Y15-G40

14:00  > Contribution from sleep & circadian research to the understanding of cognition and brain ageing  Christina Schmidt, BE

14:25  > Disturbance of daily rhythms in chronic illness  Sara Montagnese, IT

14:50  > Chronic inflammatory arthritis drives systemic changes in circadian energy metabolism  Polly Downton, UK

15:05  > Circadian control of dopaminergic neurodegeneration  Emi Nagoshi, CH

15:30  > Epigenetic cause of human narcolepsy  Mehdi Tafti, CH

15:55  > Circadian rhythms telemonitoring for individualizing cancer risk and cancer care in real time  Francis Levi, FR

6. Understanding Clock Circuits

Chair: Mino Belle, UK

Rm Y03-G85

14:00  > How the liver breaks the SCN clock: Hepatic encephalopathy  Erik Herzog, US

14:25  > Pathways from the master clock to the brain  Tim Brown, UK

14:50  > Astrocytes regulate spatiotemporal circadian patterns of neuronal activity in the suprachiasmatic nucleus  Mareike Hoekstra, UK

15:05  > The glial glue of circadian control  Marco Brancaccio, UK

15:30  > Daily electrophysiology of SCN cells  Mino Belle, UK

15:55  > Circadian plasticity of dendritic spines  Elzbieta Pyza, PO

7. Clocks in the Wild

Chair: Barbara Helm, CH

Rm Y03-G91

14:00  > Self-organized social synchronization of circadian activity in honeybee colonies  Guy Bloch, IL

14:25  > Rhythms in the life of the marine diatoms  Angela Falciatore, FR

14:50  > The role of light in commensalism vs. anthropophobia in wild mice  Mila Kasavchinsky, IL

15:05  > Evolution of the sensory inputs to the circalunar clock of Clunio marinus  Dušica Briševac, DE

15:30  > Multiple time points, far away: timing bird migration in a changing world  Barbara Helm, CH

15:55  > The abyss keeps time too  Audrey Mat, AT

8. Timing across tissues

Chair: Achim Kramer

Rm Y03-G95

14:00  > Rhythmic expression of glucocorticoid hormones  Stafford Lightman, UK

14:25  > Endocrine regulation of circadian metabolism  Henrik Oster, DE

14:50  > Resetting the clock is a molecular tug-of-war  Nina Rzechorzek, UK

15:05  > Molecular mechanisms connecting peripheral clocks  Achim Kramer, DE

15:30  > Internal desynchrony and the circadian CK1ε tau mutation - unexpected impact on peripheral clockwork  Andrew Loudon, UK

15:55  > Circadian clocks during development  Alena Sumová, CZ

Coffee break
16:40 - 18:05 Organizer’s Symposium: A Toolkit in Modern Neuroscience (Zürich Edition)
Chair: Steven Brown, CH

16:50 > Learning and sleep in artificial neuronal networks Benjamin Grewe, CH
17:15 > Noninvasive optoacoustic and fluorescence approaches for brain interrogation Daniel Razansky, CH
17:40 > Single-cell transcriptomic survey of neuronal identity and circuit connectivity Csaba Földy, CH

20:30 Teatro di Capua: Tango!!!

Tuesday 26. July 2022

08:00 - 09:00 EBRs Board Meeting (by invitation only)
Rm Y17-J05

08:30 - 09:00 Coffee available in foyer
Lichthof

09:00 – 09:45 Axelrod Lecture
Chair: Alena Sumová, CZ
Chronocode on clock proteins signed by kinase signaling Yoshitaka Fukada, JP

09:45 - 10:15 Coffee Break

10:15 - 12:35 Parallel Sessions 3:
9. The Path from Data to Insight
Chair: Daniel Forger, US

10:15 > Omics leading to new drugs for sleep and clocks Sri Vasudevan, UK
10:40 > Tracking sleep and circadian rhythms in the real world with wearables Daniel Forger, US
11:05 > The past is not dead, it’s not even past Rona Aviram, FR
11:20 > Empirical modeling of circadian-omics datasets Felix Naef, CH
11:45 > Shiftwork and the Epidemiological Risk of Disease Eva Schernhammer, US
12:10 > Objective circadian phase, sleep and performance in elite athletes Elise Facer-Childs, AU

10:15 - 12:35 10. The SCN and its Neighborhood: From Neurons to Physiology
Chair: Hugh Piggins, UK

10:15 > Lateral hypothalamic influences beyond sleep and eating Dennis Burdakov, CH
10:40 > Aging changes excitation-inhibition balance in the SCN neuronal network Stephan Michel, NL
11:05 > Phase organization of multiple circadian clocks Jihwan Myung, TW
11:20 > Brain oscillators beyond the SCN Hugh Piggins, UK
11:45 > Dissecting the central circadian pacemaker Jun Yan, CN
12:10 > SCN-mediated glucose entry into the arcuate nucleus determines the daily rhythm in blood glycemia Betty Rodriguez-Cortez, MX

10:15 - 12:35 11. Connecting Clocks to Metabolic Homeostasis
Chair: Ganna Panasyuk, FR

10:15 > Genetic insights into circadian metabolism Damjana Rozman, SI
10:40 > Mitochondrial control of adaptive thermogenesis in insects a circadian perspective Rodolfo Costa, IT
11:05 > Diurnal regulation of hepatic metabolism by the glucocorticoid receptor Konstantinos Makris, DE
11:20 > Temporal feeding strategies reprogram physiology Carolina Escobar, MX
11:45 > Nutrient sensing mechanisms for the clock Ganna Panasyuk, FR
12:10 > Timing exercise to synchronize disturbed metabolic rhythms Andries Kalsbeek, NL

Rm Y03-G91 Chair: Robert Dallmann, UK
10:15 > Phosphorylation of GAPVD1 is Regulated by the PER Complex and Linked to GAPVD1 Degradation Hans Reinke, DE
10:40 > Why are circadian clock cells also ultradian clocks? Monika Stengl, DE
11:05 > Circadian rhythm of protein-protein interactions and post-translational modifications in the clock protein complex Yuta Otobe, JP
11:20 > Distinct molecular clockworks underlying hierarchically organized pacemaker neurons Jae Kyoung Kim, KO
11:45 > Circadian regulation of blood brain barrier permeability is regulated by Claudin-5 Robert Dallmann, UK
12:10 > Mechanical control of the fibroblast circadian clock via YAP/TAZ Juan Abenza, ES

12:35 - 14:00 LUNCH BREAK & POSTER SESSION B

14:00 - 16:10 Joint Session 1: Japanese Society for Chronobiology
Rm Y15-G40 Chair: Masao Doi, JP & Martha Merrow, DE
14:00 > Clocks and Temporal Orders in Physiology Kazuhiro Yagita, JP
14:25 > Circadian steroidogenesis and ageing-associated disease Masao Doi, JP
14:50 > GRP Neurons in the SCN play an Essential Role in Regulating Behavioral and Molecular Circadian Rhythms Ruth Li, JP
15:05 > Circadian clocks: Major players in the stem cell niche Salvador Benitah, JP
15:30 > Interplay between clocks, sleep and metabolism in humans Ken Wright, US
15:55 > Selected Abstract, TBA

14:00 - 16:10 Joint Session 2: European Sleep Research Society
The Two Process Model of Sleep Regulation: Forty Years
Rm Y03-G85 Chair: Tom de Boer, NL & Steven Brown, CH
14:00 > Introductory Remarks Alexander Borbély and Irene Tobler, CH
14:15 > The Two Process Model: theory and application Peter Achermann, CH
14:30 > Interactions between the circadian pacemaker and sleep Tom De Boer, NL
14:55 > The in vivo circadian transcriptome behaves according to a sleep-wake driven harmonic oscillator Paul Franken, CH
15:20 > Mechanisms of sleep homeostasis Vlad Vyazovskiy, UK
15:45 > The two process model and the -omics of human sleep and circadian health Derk-Jan Dijk, UK

16:10 - 16:40 Coffee break

16:40 - 17:25 JSC Lecture:
Chair: Yoshitaka Fukada, JP
Phosphorylation Hypothesis of Sleep Hiroki Ueda, JP

19:30 Züri Gastro!!! Reservations at Restaurants of All Sorts. Meet with new friends and old, organized by the Young Researchers Committee.
Wednesday 27. July 2022

08:15 - 09:00  
EBRS Members’ Assembly: Where do we go from here?  
Y15-G40  
Coffee and croissants provided. Bring a mobile phone to vote.

09:00 – 09:45  
Gwinner Lecture  
Rm Y15-G40  
Chair: Noga Kronfeld-Schor, IS  
Decoding time information from sun and moon Kristin Tessmar-Raible, AT

09:45 - 10:15  
Coffee Break

10:15 - 12:35  
Parallel Sessions 4:  
13. From Clocks to Health and Function  
Rm Y15-G40  
Chair: Charna Dibner, CH  
10:15  > Tissue clocks make metabolism run Charna Dibner, CH  
10:40  > It’s not the time of the clock, it’s the time of your clock: Impact of sleep and circadian timing on cardiometabolic health Andrew McHill, US  
11:05  > Chronodisruption of immune and metabolic response to endotoxin by light at night exposure Monika Okuliarova, HU  
11:20  > Cell-autonomous regulation of viral infection Rachael Edgar, UK  
11:45  > Circadian disruption and schizophrenia: insights from mouse models Nicolas Cermakian, CA  
12:10  > Light affects behavioral despair involving the clock gene Period1 Urs Albrecht, CH

10:15 - 12:35  
14. The Elephant in the Room: Are clocks what we think?  
Rm Y03-G85  
Chair: Martin Ralph, CA  
10:15  > Temporal Regulation of Biological Function John O'Neill, UK  
10:40  > Potassium rhythms couple the cell- and circadian cycle. Gerben van Ooijen, UK  
11:05  > The molecular oscillators of the protochordate Botryllus schlosseri Rachel Ben-Schlobo, IL  
11:20  > You don’t need a clock to tell time Ak Reddy, USA  
11:45  > An idea worth Akting on Gad Asher, IL  
12:10  > Time sense and sensibility: An alternative perspective on temporal regulation and time memory Martin Ralph, CA

10:15 - 12:35  
15. Clocks and Sleep in My Family and Other Animals  
Rm Y03-G91  
Chair: Eva Winnebeck, DE  
10:15  > How start and recovery times in shift work determine sleep duration John Axelsson, SE  
10:40  > Cryptochrome and magnetosensitivity in Drosophila Charalambos Kyriacou, UK  
11:05  > Co-expression of diurnal and ultradian rhythms in the plasma metabolome of common voles Daan van der Veen, UK  
11:20  > North-South, East-West & DST: human sleep and rhythms year round Eva Winnebeck, DE  
11:45  > Arctic strategies for sleep and metabolism Sara Meier & Melanie Furrer, CH  
12:10  > Changing daylight length and human sleep-wake regularities at high latitude Katharina Wulff, SE

12:35 - 18:30  
Free time or organized excursions

18:30  
City Tours (offered by Zurich Tourism)  
19:30  
Banquet: Zunfthaus zum Safran  
Presentation of the Kappers Medal 2022 Recipient Anna Wirz-Justice, CH
Thursday 28. July 2022

08:30 - 09:00  Coffee available in foyer
Lichthof

09:00 - 09:45  **Keynote Lecture**
Rm Y15-G40  *Chair: Jonathan Johnston, UK*
Timing is medicine; time-restricted eating for the prevention and management of chronic diseases  Satchin Panda, US

09:45 - 10:15  **Coffee Break**

10:15 - 12:35  **Parallel Sessions 5:**

16. *Circadian Regulation at the -Oms Scale*
Rm Y15-G40  *Chair: Charo Robles, DE*
10:15  > Phosphoproteomics of circadian signaling  Charo Robles, DE
10:40  > Cellular mechanisms connecting clocks to sleep  Aarti Jagannath, UK
11:05  > Mistimed sleep in humans disrupts glucocorticoid signaling transcripts driven by SP1, but not plasma cortisol  Simon Archer, UK
11:20  > Regulation of clock outputs in mammals and their transnational application  Bharath Ananthasubramaniam, DE
11:45  > Understanding circadian transcription  Jérôme Menet, US
12:10  > The effect of night shifts on the 24-h regulation of the human transcriptome metabolome  Laura Kervezee, NL

17. *Inputs: From Light to the Clock*
Rm Y03-G85  *Chair: Stuart Peirson, UK*
10:15  > Light and circadian plasticity in Drosophila  Francois Rouyer, FR
10:40  > Plants see light too  Christian Fankhauser, CH
11:05  > Sub-regions of the SCN receive a heterogeneous synaptic input from the retina  Hugo Calligaro, US
11:20  > What the SCN sees  Bea Banos, UK
11:45  > Dim light in the evening – mechanisms and consequences  Stuart Peirson, UK
12:10  > Retinal clocks and their influence upon circadian physiology  Marie-Paule Felder-Schmittbuhl, FR

18. *Genetics and Epigenetics of Circadian Clocks, from Plants to Mammals*
Rm Y03-G85  *Chair: Kiran Padmanabhan, FR*
10:15  > Chromatin and licensing in plant clocks  Paloma Mas, ES
10:40  > Circadian transcriptional programming by hormonal responses  Henriette Uhlenhaut, DE
11:05  > Genetic regulation of chromatin accessibility regulation during sleep deprivation  Carlos Neves, CH
11:20  > Chromatin-state regulation of circadian function  Kiran Padmanabhan, FR
11:45  > Excess S-Adenosylmethionine disrupts rhythms and inhibits methylation via catabolism to adenine  Jean-Michel Fustin, UK
12:10  > Searching for novel SCN enhancer marks that could drive daily timekeeping  Akanksha Bafna, UK

19. *A Season for Metabolism, Sleep, and Reproduction*
Rm Y03-G91  *Chair: Valérie Simonneaux, FR*
10:15  > The Winter's Tale: circadian rhythms and metabolic challenges  Roelof Hut, NL
10:40  > RNA-sequencing unveils nuclei-specific patterns of transcription in seasonal Siberian hamsters  Calum Stewart, UK
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<tr>
<th>Time</th>
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<tr>
<td>11:05</td>
<td>The winter blue-greens: how cyanobacteria predict winter</td>
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<td>11:20</td>
<td>The European hamster: a circadian victim of climate change?</td>
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<td>11:45</td>
<td>Rhythms of reproduction, from mice to camel</td>
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<td>12:10</td>
<td>Perinatal Photoperiod Influences Adult period and Locomotor Activity</td>
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<td>12:35</td>
<td>LUNCH BREAK &amp; POSTER SESSION C</td>
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<td>13:15</td>
<td>TOPICAL DISCUSSION: The Circadian Dictionary</td>
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<td>14:00-15:40</td>
<td>Parallel Sessions 6: Sleep: from circuitry to physiology</td>
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<td>Chair: Anita Lüthi, CH</td>
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<td>14:00</td>
<td>&gt; Thalamic and hypothalamic circuitry of sleep and wake</td>
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<td>14:25</td>
<td>&gt; Imaging sleep and DNA repair</td>
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<td>14:50</td>
<td>&gt; Gating of sleep’s internal dynamics by the noradrenergic locus coerules</td>
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<td>15:15</td>
<td>&gt; Understanding paradoxical sleep</td>
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<td>14:00-15:40</td>
<td>21. Diverse Approaches to Adaptation and Evolution</td>
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<td>Chair: Noga Kronfeld-Schor, IS</td>
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<td>14:00</td>
<td>&gt; Using linked models to understand how clock gene sequences build whole-organism traits</td>
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<td>14:25</td>
<td>&gt; Light at night as a selective agent on avian clocks</td>
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<td>14:50</td>
<td>&gt; Integration of circadian and environmental cues</td>
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<td>15:15</td>
<td>&gt; Effects of light pollution on fitness in rodents and amphibians</td>
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<td>14:00-15:40</td>
<td>22. Insights into human circadian function</td>
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<td>Chair: Elizabeth Klerman, US</td>
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<tr>
<td>14:00</td>
<td>&gt; Light at night and human health</td>
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<tr>
<td>14:25</td>
<td>&gt; The value of chrononutrition</td>
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<tr>
<td>14:50</td>
<td>&gt; Inputs: From light to the clock</td>
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<tr>
<td>15:15</td>
<td>&gt; Light alters our need to sleep</td>
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<td>14:00-15:40</td>
<td>23. Connections from Clocks to Outputs</td>
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<td>Chair: Alessandra Stangherlin, DE</td>
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<td>14:00</td>
<td>&gt; Dynamic network organization of the SCN</td>
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<tr>
<td>14:25</td>
<td>&gt; Circadian ion rhythms and the regulation of cellular physiology</td>
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<tr>
<td>14:50</td>
<td>&gt; Nonsense-mediated mRNA decay regulates circadian timekeeping in mammals</td>
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<tr>
<td>15:15</td>
<td>&gt; Suprachiasmatic nucleus interaction with the Arcuate nucleus determines our daily physiology</td>
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<td>15:40</td>
<td>Coffee break</td>
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<td>16:10</td>
<td>Presidential Symposium</td>
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<td></td>
<td>Chair: Martha Merrow, Germany</td>
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<tr>
<td>16:10</td>
<td>Introduction</td>
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<tr>
<td>16:25</td>
<td>&gt; Human reproduction and the lunar cycle: the tale goes on</td>
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EBRS 2022 • Zurich • 24 - 28 July 2022

W W W . E B R S 2 0 2 2 . C H
16:50 > Melatonin sensitivity and circadian rhythmicity in the enteric commensalism bacterium, Klebsiella aerogenes
Vincent Cassone, US

17:15 > Clock control of mRNA translation and translation fidelity
Deborah Bell-Pedersen, US

17:40 – 17:50 Closing Remarks
Steven Brown, CH
# List of Speakers and their affiliations

(in alphabetical listing)

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>Juan Abenza</td>
<td>Institute of Bioengineering of Catalonia, Spain</td>
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<tr>
<td>Peter Achermann</td>
<td>University of Zurich, Switzerland</td>
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<tr>
<td>Eldad Afik</td>
<td>Howard Hughes Medical Institute, USA</td>
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<tr>
<td>Urs Albrecht</td>
<td>University of Fribourg, Switzerland</td>
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<td>Bharath Ananthasubramaniam</td>
<td>Humbold-Universität zu Berlin, Germany</td>
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<td>Lior Appelbaum</td>
<td>Bar Ilan University, Israel</td>
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<td>Simon Archer</td>
<td>University of Surrey, England</td>
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<td>Gad Asher</td>
<td>Weizmann Institute, Israel</td>
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<tr>
<td>Rona Aviram</td>
<td>Weizmann Institute, Israel</td>
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<td>John Axelsson</td>
<td>Karolinska Institute, Sweden</td>
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<td>Akanksha Bafna</td>
<td>MRC Harwell, England</td>
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<td>Mino Belle</td>
<td>University of Exeter, England</td>
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<tr>
<td>Deborah Bel-Pedersen</td>
<td>Texas A&amp;M University, USA</td>
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<td>Salvador Benitah</td>
<td>University of Barcelona, Spain</td>
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<tr>
<td>Rachel Ben-Schlomo</td>
<td>University of Haifa-Oranim, Israel</td>
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<tr>
<td>Guy Bloch</td>
<td>Hebrew University of Jerusalem, Israel</td>
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<td>Alexander Borbély</td>
<td>University of Zurich, Switzerland</td>
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<td>Helene Borrman</td>
<td>University of Oxford, England</td>
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<td>Marco Brancaccio</td>
<td>Imperial College London, England</td>
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<tr>
<td>Dušica Briševac</td>
<td>Max Planck Institute for Evolutionary Biology, Germany</td>
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<tr>
<td>Steven Brown</td>
<td>University of Zurich, Switzerland</td>
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<td>Tim Brown</td>
<td>University of Manchester, England</td>
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<td>Michael Brunner</td>
<td>Heidelberg University, Germany</td>
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<tr>
<td>Ruud Buijs</td>
<td>Universidad Nacional Autonoma de Mexico, Mexico</td>
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<tr>
<td>Dennis Burdakov</td>
<td>ETH Zürich, Switzerland</td>
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<td>Christian Cajochem</td>
<td>University of Basel, Switzerland</td>
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<tr>
<td>Hugo Calligaro</td>
<td>Salk Institute for Biological Studies, USA</td>
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<tr>
<td>Vincent Cassone</td>
<td>University of Kentucky, USA</td>
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<tr>
<td>Nicolas Cermakian</td>
<td>McGill University, Canada</td>
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<tr>
<td>Han Kyoung Choe</td>
<td>Department of Brain &amp; Cogn. Sci., DGIST, Korea</td>
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<tr>
<td>Rudolfo Crosby</td>
<td>University of California, Santa Cruz</td>
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<tr>
<td>Robert Dallmann</td>
<td>University of Warwick, England</td>
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<tr>
<td>Seth Davis</td>
<td>University of York, England</td>
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<tr>
<td>Tom De Boer</td>
<td>Leiden University Medical Center, The Netherlands</td>
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<tr>
<td>Charna Dibner</td>
<td>University of Geneva, Switzerland</td>
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<td>Derk-Jan Dijk</td>
<td>University of Surrey, England</td>
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<tr>
<td>Antony Dodd</td>
<td>John Innes Center, England</td>
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<tr>
<td>Masao Doi</td>
<td>Kyoto University, Japan</td>
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<tr>
<td>Polly Downton</td>
<td>University of Manchester, England</td>
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<td>Hien-Ngoc Du</td>
<td>University of Zurich, Switzerland</td>
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<tr>
<td>Rachel Edgar</td>
<td>Imperial College of London, England</td>
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<tr>
<td>Carolina Escobar</td>
<td>National Autonomos University of Mexico, Mexico</td>
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<tr>
<td>Elise Facer-Childs</td>
<td>Monash University, Australia</td>
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<tr>
<td>Angela Falciatore</td>
<td>University of Sorbonne, France</td>
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</tbody>
</table>
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<table>
<thead>
<tr>
<th>Name</th>
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<tr>
<td>Kristin Tessmar-Raible</td>
<td>University of Vienna, Austria</td>
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<tr>
<td>Irene Tobler</td>
<td>University of Zurich, Switzerland</td>
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<td>Hiroki Ueda</td>
<td>University of Tokyo, Japan</td>
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<tr>
<td>Henriette Uhlenhaut</td>
<td>Helmholtz Zentrum München, Germany</td>
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<tr>
<td>Daan Van der Veen</td>
<td>University of Surrey, Netherlands</td>
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<td>Rick van Dorp</td>
<td>Leiden University Medical Center, Netherlands</td>
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<td>Gerben van Ooijen</td>
<td>University of Edinburgh, Scotland</td>
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<td>Sri Vasudevan</td>
<td>University of Oxford, England</td>
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<td>David Virshup</td>
<td>Duke NUS Medical School, USA</td>
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<tr>
<td>Marcel Visser</td>
<td>Netherlands Institute of Ecology, Netherlands</td>
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<td>Vlad Vyazovskiy</td>
<td>University of Oxford, England</td>
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<td>Alex Webb</td>
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<td>Eva Winnebeck</td>
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<td>Anna Wirtz-Justice</td>
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<td>Eva Wolf</td>
<td>University of Mainz, Germany</td>
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<td>Ken Wright</td>
<td>University of Colorado Boulder, USA</td>
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<td>Katharina Wulff</td>
<td>Umeå University, Sweden</td>
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<td>Kazuhiro Yagita</td>
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<td>Jun Yan</td>
<td>Chinese Academy of Sciences, China</td>
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<td>Chun-Xia Yi</td>
<td>Amsterdam University Medical Center, Netherlands</td>
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<tr>
<td>Phyllis Zee</td>
<td>Northwestern University, USA</td>
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**Posterblitz speakers:**

*(in alphabetical listing)*

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<tr>
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<tbody>
<tr>
<td>Yaarit</td>
<td>Adamovich Weizmann Institute, Israel</td>
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<td>Baraa</td>
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<td>Lukasz</td>
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<td>Peter</td>
<td>Deppisch University of Würzburg, Germany</td>
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<tr>
<td>Özlem</td>
<td>Gönülkiemaz Çançalar Hebrew University of Jerusalem, Israel</td>
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<tr>
<td>Gregory</td>
<td>Hammad University of Liège, Belgium</td>
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<td>Thomas</td>
<td>Hancox University of Birmingham, England</td>
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<tr>
<td>Celine</td>
<td>Jouffe Helmholtz Zentrum München, Germany</td>
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<td>Jeffrey</td>
<td>Kelu King's College London, England</td>
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<tr>
<td>Josh</td>
<td>Leota Monash University, Australia</td>
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<td>Nemanja</td>
<td>Miličević Tampere University, Finland</td>
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<td>Natalie</td>
<td>Ness Imperial College London, England</td>
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<tr>
<td>Maria</td>
<td>Papageorgiou University of Geneva, Switzerland</td>
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<td>Sara</td>
<td>Pierre-Ferrer University of Zurich, Switzerland</td>
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<td>Ethan</td>
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<td>Guadalupe</td>
<td>Rodriguez Ferrante Universidad Nacional de Quilmes, Argentina</td>
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<td>Francesca</td>
<td>Sartor Ludwig Maximilian University of Munich, Germany</td>
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<td>Marine</td>
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<td>Guanhua</td>
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<tr>
<td>Yu</td>
<td>Tahara Hiroshima University, Japan</td>
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<td>Daan</td>
<td>Van der Veen University of Surrey, Netherlands</td>
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<tr>
<td>Kamila</td>
<td>Weissova Masaryk University, Czech Republic</td>
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<td>Katrin</td>
<td>Wendrich University of Fribourg, Switzerland</td>
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<td>Takumi</td>
<td>Yokomizo Chiba University, Japan</td>
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<td>Hikari</td>
<td>Yoshitane Tokyo Metropolitan Institute of Medical Science, Japan</td>
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<tr>
<td>Xiaodong</td>
<td>Zhuang University of Oxford, England</td>
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</tbody>
</table>
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41 11

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