



Friedrich-Alexander-Universität
Erlangen-Nürnberg



Stress in Motion: From Signals to Society

Integrating Biological Processes, Sensors, and Living Systems

September 2-5 2026, Erlangen, Germany

2026 Conference Schedule

Hörsaalzentrum Medizin, Ulmenweg 18, 91054 Erlangen, Germany

Wednesday, Sep 2

	Room A	Room B	Room C
12:00 - 16:00	Towards Open & Reproducible Research in PNE: A Crash Course to Data Science with Python Speaker(s): Luca Abel, Robert Richer		
16:30 - 17:30	Welcome & Awards Speaker(s): Nicolas Rohleder		
17:30 - 19:30	Welcome Reception & Spotlight Posters		

Thursday, Sep 3

	Room A	Room B	Room C
08:30 - 09:00	Daily Welcome & Flash Talks Speaker(s): Nicolas Rohleder		
09:00 - 10:00	Heart-brain interactions and decision making under threat Speaker(s): Karin Roelofs		
10:00 - 10:15	Coffee / Transition		
10:15 - 11:30	Biomarkers, Bonds, & Burden: New Frontiers in Psychobiological Stress Speaker(s): Marie-France Marin, Robert-Paul Juster, L. Zachary DuBois, Philippe Beauchamp-Kerr Chair(s): Sonia J. Lupien, Robert-Paul Juster	Mechanisms of Stress: Insights from Experimental and Preclinical Research Speaker(s): Sally G. Farah, Christoph Rummel, Robert Dantzer, Luis A. Trujillo Villarreal, Tamara Schimmele Chair(s): Ruth Barrientos, Jeanette Bennett	Linking Hormones to Mood: Stress Reactivity as a Mechanism in Premenstrual Disorders Speaker(s): Elise Bücklein, Celine Bencker, Elizabeth Andersen, Gianna Zorzini Chair(s): Jennifer Gordon, Hannah Klusmann
11:30 - 11:45	Coffee / Transition		
11:45 - 13:00	Dynamic Stress Responses: From Defensive Physiology to Clinical Behavior and Real World Regulation Speaker(s): Luca Abel, Mariana Andrade, Floris Klumpers, Karin Roelofs Chair(s): Floris Klumpers, Jonathan Posthuma	PNIRS@ISPNE Speaker(s): Melissa Rosenkranz, Jeanette Bennett, Michele Okun, Judith Carroll Chair(s): Ruth Barrientos, Jeanette Bennett	Mechanisms and consequences of psychosocial stress in rodents Speaker(s): Asami Tanimura, Dominik Langgartner, Inga Neumann, Jelena Radulovics Chair(s): Inga D Neumann, Rohit Menon
13:00 - 14:00	Lunch		
14:00 - 15:00	Stress Rewired: How AI Learns to Sense, Understand, and Respond Speaker(s): Björn Schuller		
15:00 - 15:15	Coffee / Transition		
15:15 - 16:30	Compliance in self-sampled specimen: An introduction to new tools plus the discussion of their relevance. Or, trust is not enough, control is mandatory Speaker(s): Lina Curth, Marlene Penz, Robert Richer, Gregor Domes Chair(s): Marlene Penz	Decoding Psychosocial Stress: Neural Mechanisms Across Health and Disease Speaker(s): Gina-Isabelle Henze, Lejla Colic, Marina Giglberger, Nina Kempf Chair(s): Marina Giglberger, Gina-Isabelle Henze	Get to know your Editors for Psychoneuroendocrinology: Exemplary scientists, editors, and ISPNE citizens Speaker(s): Birdie Shirtcliff, Daniela Jezova, Natalie Rasgon, Shannin Moody Chair(s): Birdie Shirtcliff
16:30 - 16:45	Coffee / Transition		
16:45 - 18:00	Presidential Symposium Chair(s): Nicolas Rohleder	Growing Under Pressure: Advancing Developmental Perspectives and Empirical Approaches to Allostatic Load in Childhood and Adolescence Speaker(s): Jason Jose Bendezu, Lola Neufcourt, Samantha Dockray, Marcella Lucente Chair(s): Martha Wadsworth, Jason Jose Bendezu	Cellular and Mitochondrial Mechanisms of Stress and Disease: From Acute Stress Responses to Chronic Conditions and Therapeutic Modulation Speaker(s): Katja Petrowski, Alexander Karabatsiakos, Petra H. Wirtz, Sophia Urbanczyk Chair(s): Katja Petrowski, Petra H. Wirtz
18:00 - 20:00	Poster Session 1		
20:00 - 22:00	Mentor/Mentee Event		

Friday, Sep 4

	Room A	Room B	Room C
07:30 - 08:30			CPNEC Editorial Board Meeting Speaker(s): Editorial Board
08:30 - 09:00	Daily Welcome & Flash Talks Speaker(s): Nicolas Rohleder		
09:00 - 10:00	McEwen Award Presentation Speaker(s): Awardee		
10:00 - 10:15	Coffee / Transition		
10:15 - 11:30	Psychoneuroendocrinology in motion: Improving how we study hormones Speaker(s): Maria Meier, Jakub Rajčáni, Félix Duplessis-Marcotte, Sonia J. Lupien Chair(s): Audrey-Ann Journault	Tech and AI in PNEC Speaker(s): Michelle Schlicher, Jost Blasberg, Annika Heuler, Robert Richer Chair(s): Robert Richer, Jost Blasberg	Breaking Point: Physiological and Psychological Dimensions of Work Stress and how to Intervene Speaker(s): Silja Bellingrath, Roman Pauli, Christoph Weinert, Steffen Schulz Chair(s): Sonja Entringer, Silja Bellingrath
11:30 - 11:45	Coffee / Transition		
11:45 - 13:00	Preconception Social Stress: From Placental Adaptations to Lifelong Behavioral Outcomes Speaker(s): Juliet Richetto, Annamaria Cattaneo, Sonja Entringer, Riddhi Lajawala Chair(s): Marco Andrea Riva, Annamaria Cattaneo	Social detection and responses to infectious threats Speaker(s): Esther Diekhof, Lina Hansson, Estherina Trachtenberg, Julie Lasselin Chair(s): Julie Lasselin, Lina Hansson	Stress and trauma across the female reproductive lifespan: from animal models to clinical practice Speaker(s): Sabrina van Heukelum, Lotte Gerritsen, Mirjam van Zuiden, Sinha Engel Chair(s): Sinha Engel, Lotte Gerritsen
13:00 - 14:00	Lunch	Editorial PNEC	Early Career Scholar (ECS) Meeting
14:00 - 15:00	Keynote 3 Speaker(s): Michele Wessa		
15:00 - 15:15	Coffee / Transition		
15:15 - 16:30	Determinants of Neuroendocrine and Neural Stress Reactivity: Integrating Metabolic, Hormonal, and Environmental Perspectives Speaker(s): Maria Meier, Brigitte M Kudielka, Anna F Denninger, Carlo Martone Chair(s): Gina-Isabelle Henze, Jens C Pruessner	Bridging bench and bedside: Mechanism-guided interventions strategies for improved mental health Speaker(s): Joram D. Mul, Johanna Dose, Eva M.J. Peters, Linn Kühl Chair(s): Karin de Punder	Cross-species research investigating psychosocial influences on adolescent stress: Identifying ways to increase translation and collaboration across animal and human work Speaker(s): Gillian Acedo, Joshua Wardwell, Cheryl McCormick Chair(s): Holly Pham, Martha Wadsworth
16:30 - 16:45	Coffee / Transition		
16:45 - 18:00	From Early Adversity to Ethnic-racial Identity: Rethinking Stress Physiology Through a Differential Susceptibility lens Speaker(s): Christina Y. Cantave, Catherine Raymond, Isabelle Ouellet-Morin, Emma Adam Chair(s): Christina Y. Cantave, Marie-France Marin	Perceived and Physiological Stress: Methodological Challenges in a Multilevel Construct Speaker(s): Monika Fleischhauer, Robert Richer, Tobias Stalder, Veronika Engert Chair(s): Susanne Vogel, Monika Fleischhauer	Stress as Motivational Conflict: Biological, Neural, and Social Perspectives Speaker(s): Oliver Schultheiss, Emilia Pekarek, Kathleen Casto, Grant Shields Chair(s): Kathleen Casto, Oliver Schultheiss
18:00 - 20:00	Poster Session 2		

Saturday, Sep 5

	Room A	Room B	Room C
08:30 - 08:45	Daily Welcome & Flash Talks Speaker(s): Nicolas Rohleder		
08:45 - 09:45	Hellhammer Award Presentation Speaker(s): Awardee		
09:45 - 10:45	Business Meeting Speaker(s): Society Committee		
10:45 - 11:00	Coffee / Transition		
11:00 - 12:15	TBA Speaker(s): Anett Müller-Alcazar, Zoe Wuerfel, Jens C. Pruessner, Francisca Horn, Katja Langer, Marlene Penz, Lena Schindler-Gmelch Chair(s): Lena Gmelch & Oliver Wolf	Developmental and Reproductive Psychoneuroendocrinology Speaker(s): Paula M. Pfeiffer, Catherine Raymond, Marta Gómez Vargas, Smrithi Prasad, Christina Y. Cantave	Interplay between perinatal stress and maternal caregiving across different contexts, cultures, and species. Speaker(s): Elif Aysimi Duman, Sameera Abuaish, Chiara Sacchi, Susie Brummelte Chair(s): Sameera Abuaish, Elif Aysimi Duman
12:15 - 13:15	Lunch		
13:15 - 14:30	Stressful Memories Speaker(s): Kübra Gülmez Karaca, Erno Hermans, Oliver Wolf, Katja Wingenfeld Chair(s): Oliver Wolf, Katja Wingenfeld	Stress Affects Sleep Affects Stress: Bidirectional Stress-Sleep Interactions Across Time, Biological Systems, and Ecological Contexts Speaker(s): Dipesh Chaudhury, Dan Denis, Itamar Lerner, Roeë Admon Chair(s): Roeë Admon	Multimodal Responses to Acute Psychosocial Stress: Biological and Psychological Modulators in Psychological Stress Paradigms Speaker(s): Felicitas Burkhardt, Miriam Kurz, Maria Meier, Jost Blasberg Chair(s): Miriam Kurz, Felicitas Burkhardt
14:30 - 14:45	Coffee / Transition		
14:45 - 15:45	Genes in motion: molecular self-awareness Speaker(s): Steve Cole		
15:45 - 16:00	Coffee / Transition		
16:00 - 17:15	From cortisol to cytokines: Psychobiological stress responses and methodological challenges in psychoneuroendocrinology Speaker(s): Theresa Dorn, Benedict Herhaus, Vanessa Renner, Bjarne Schmalbach Chair(s): Katja Petrowski, Petra H. Wirtz	Novel methods and biomarkers in prenatal and early life stress physiology Speaker(s): Georgia Celestin, Paula Pfeiffer, Rebecca Reynolds, Esmee Breddels Chair(s): Georgia Celestin, Brie Reid	Rethinking Stress Research: Advancing Paradigms, Biomarkers, and Inclusion in Stress Research Speaker(s): Maren Schmidt-Kassow, Christiane Wesarg-Menzel, Ekaterina Schneider, Ruth Marheinecke Chair(s): Christiane Wesarg-Menzel, Ruth Marheinecke
17:30 - 18:00	Closing Ceremony Speaker(s): Conference Committee		
18:00 - 19:00	Transition to Entlas Keller		
19:00 - 23:00	Beer Garden Social Event		