

ISPNE 2020 Detailed Virtual Conference Program
All times are in Central Standard Time (Chicago Time Zone)
All webinar links can be accessed by registered conference attendees at:
<https://symposium.foragerone.com/ispne/breakouts>
Please e-mail: ISPNE2020@gmail.com with any questions.

Aug 27 Thursday	Conference Day 1	
9:00-9:30	Welcome and Best Early Career Abstract Awards	Zoom Webinar
9:30-10:00	Curt Richter Award Talk: Rachel Hill <i>Selective estrogen receptor modulators (SERMs) - repurposed drugs to treat the cognitive symptoms of schizophrenia</i>	Zoom Webinar, recorded talk
10:00-10:15	Break	
10:15-11:00	Lifetime Achievement Award Talk: James Herman <i>Understanding Stress: Explorations in Psychoneuroendocrinology</i>	Zoom Webinar, live talk
11:00-11:15	Break	
11:15-12:00	Poster Session and Individual Oral Presentations (pre-recorded)	ForagerOne Website
12:00-13:00	ISPNE Business Meeting	Zoom Webinar
13:00-14:00	Virtual Party	Zoom Meeting with Breakout rooms
Aug 28 Friday	Conference Day 2	
8:00-9:00	PNEC Editorial Board Meeting (Invited)	Zoom Meeting (Invite Only)
9:00-9:45	Symposium 1: The role of maternal pre-pregnancy characteristics on maternal prenatal physiology and behavior: Evidence from three prospective birth cohorts Chairs: Elif Aysimi Duman, Alina Rodriguez * Denotes speaker Presentation 1: <i>Childhood maltreatment and inflammation during pregnancy: Impact on pregnancy-related worries and newborn outcomes in the BABIP birth cohort</i> Authors: Alev Ecevitoglu, Nilay Atesyakar, Elif Aysimi Duman*	Zoom Webinar

Presentation 2: *Increased inflammation and suboptimal infants outcomes in women with a history of Major Depressive Disorder from the Psychiatry Research and Motherhood – Depression (PRAM-D) Study*

Author: Carmine M. Pariante*

Presentation 3: *Pre-pregnancy body mass and maternal stress during pregnancy predict consumption of sugary foods and infant birthweight*

Author: Alina Rodriguez*

Symposium 2: How adverse caregiving conditions affect offspring developmental trajectories: Evidence from longitudinal studies

Zoom Webinar

Chair: Livio Provenzi

Presentation 1: *Negative emotionality during stress reactivity and recovery in 4.5-year-old preterm and full-term children: the role of epigenetics mechanisms and parental stress*

Authors: Eleonora Mascheroni*, Isabella L.C. Mariani Wigley, Livio Provenzi, Ida Sirgiovanni, Roberto Giorda, Francesco Morandi, Paola Schiavolin, Fabio Mosca, Monica Fumagalli, Rosario Montirosso

Presentation 2: *Internalizing Behaviors in Children Born Very Preterm: Role of Brain Development, Cortisol and Parenting*

Authors: Mia A. McLean*, Olivia C. Scoten, Ting Guo, Jillian Vinall, Vann Chau, Joanne Weinberg, Anne Synnes, Steven P. Miller, Ruth Grunau

Presentation 3: *The MOM-COPE research project: Measuring the Outcomes of Maternal COVID19-related Prenatal Exposure*

Authors: Livio Provenzi*, Roberto Giorda, Giacomo Biasucci, Renza Bonini, Anna Cavallini, Alberto Chiara, Lidia Decembrino, Bruno Drera, Rossana Falcone, Elisa Fazzi, Barbara Gardella, Roberta Giacchero, Maria L. Magnani, Renata Nacinovich, Dario Pantaleo, Camilla Pisoni, Barbara Scelsa, Maria V. Spartà, Federico Prefumo, Simona Orcesi

Presentation 4: *Replication of Family Nurture Intervention: Enhancement of Autonomic Regulation in Preterm Infants*

Authors: Martha G. Welch*, Dani Dumitriu, Michael M. Myers

9:45-10:00 Break

10:00-10:45 **Symposium 3: Contexts, Consequences, and Correlates: Examining multiple levels of analysis to understand stress and HPA patterns across development**

Zoom Webinar

Chairs: Catherine Stroud, Suzanne Vrshek-Schallhorn
Discussant: Leah D. Doane

Presentation 1: *Effects of Early, Daily, and Physiological Stress on the Development of Internalizing Symptoms in Middle Childhood*

Authors: Emma K. Lecarie*, Leah D. Doane, Mary C. Davis, Kevin J. Grimm, Kathryn Lemery-Chalfant

Presentation 2: *What Tomorrow Will Bring: Expectations for the Next Day Predicting the Cortisol Awakening Response in Young Adults*

Authors: Gail Corneau*, Travis Anderson, Maria Ditchcheva, Laurie Wideman, Suzanne Vrshek-Schallhorn

Presentation 3: *The Impact Of Romantic Partner Support During Emerging Adulthood On Cortisol Reactivity to Stress*

Authors: Kimberly A. Dienes*, Audrey Poh, Alison Wearden

Presentation 4: *Overestimating Self-Blame for Stressful Life Events and Adolescents' Latent Trait Cortisol (LTC): The Moderating Role of Maternal Warmth*

Authors: Catherine B. Stroud*, Frances R. Chen, Blair Curzi, Douglas A. Granger, Leah D. Doane

Symposium 4: BDNF as a biomarker for vulnerability to stress and stress-related disease

Zoom Webinar

Chairs: Veronika Engert, Lara Marie Christine Puhlmann

Presentation 1: *Investigating serum BDNF dynamics during acute psychosocial stress reveals inverse relations to cortisol but no association with hippocampal volume in healthy adults*

Authors: Roman Linz*, Lara Marie Christine Puhlmann, Veronika Engert

Presentation 2: *The first evidence for correlation between serum BDNF and regional cortical thickness in minor depression.*

Authors: Maryna Polyakova*, Frauke Beyer, Karsten Mueller, Christian Sander, Veronika Witte, Leonie Lampe, F Rodrigues, Steffi Riedel-Heller, Juergen Kratzsch, Karl-Titus Hoffmann, Arno Villringer, Peter Schoenknecht, Matthias L Schroeter

Presentation 3: *Association between BDNF DNA methylation and symptom improvement following cognitive-behavioral therapy in stress-related mental disorders*

Authors: Eva Unternaehrer*, Samuel Carleial, Anke Koebach, Anja Zeller, Gunther Meinlschmidt, Thomas Elbert

Presentation 4: *Contemplative mental training increases serum BDNF levels with differing success depending on practice type and training sequence*

Authors: Lara Marie Christine Puhlmann*, Veronika Engert, Roman Linz, Ioannis Papassotiriou, George P Chrousos, Pascal Vrticka, Tania Singer

10:45-11:00

Break

11:00-11:45

Symposium 5: Measuring stress and development in context: Opportunities, challenges, and adaptations

Zoom Webinar

Chair: Emily Braden Reilly

Presentation 1: *Assessing 2- and 3-year-olds' executive function during pediatric well-child visits: Feasibility and implications*

Authors: Emily Braden Reilly*, Milena Cornejo, Shanna Mliner, Michael F Troy, Megan R Gunnar

Presentation 2: *Lessons learned from measuring children's neurodevelopment in a large and representative sample*

Authors: Santiago Morales*, Maureen E Bowers, Stephanie Leach, George A Buzzell, Ranjan Debnath, Christa Friedrich, Rebecca Andrew, Tracy Thomes, William P Fifer, Amy Elliott, Nathan A Fox

Presentation 3: *Associations between maternal stress, early language behaviors, and infant electroencephalography during the first year of life*

Authors: Lara J Pierce*, Emily B Reilly, Charles A Nelson

Presentation 4: *Contextual variables associated with stress and well-being in early childhood households during the COVID-19 pandemic: Implications for science, policy, and practice*

Authors: Philip A Fisher*, Tyson Barker, Jenny Mendoza, Kate Beauchamp

Symposium 6: Never as good as the first time? On the repeated administration of the TSST

Zoom Webinar

Chairs: Nicolas Rohleder, Oliver T. Wolf

Presentation 1: *Childhood adversity and responses to repeated stress exposure in adulthood: A consideration of cortisol reactivity and habituation patterns in tandem*

Authors: Peggy M. Zoccola*, Haley Appelmann, Andrew W. Manigault, Ryan C. Shorey

Presentation 2: *Effect of Induced Rumination on Cortisol Habituation to Repeated Acute Stress*

Author: Nicolas Rohleder*

Presentation 3: *Using the Trier Social Stress Test (TSST) in pre-post designs: Two clinical examples*

Authors: Oliver T. Wolf*, Serkan Het

Presentation 4: *Habituation and recovery of habituation in healthy individuals and patients with panic disorder before and after treatment*

Authors: Katja Petrowski*, Stefan Bühner

11:45-12:00

Break

12:00-13:00

Early Career Scholar Meeting

Zoom Meeting

13:00-14:00

Early Career Scholar Happy Hour

Zoom Meeting

Aug 29 Saturday Conference Day 3

9:00-9:45

Symposium 7: Fathers' neurobiology: Evidence from human studies and animal models research

Zoom Webinar

Chair: Livio Provenzi

Presentation 1: *The Role of Oxytocin in the Transition to Fatherhood and in Parental Caregiving: A Systematic Review*

Authors: Serena Grumi*, Brenda L. Volling, Annalisa Saracino, Livio Provenzi

Presentation 2: *Adrenocortical Attunement between Infants and their Fathers and Mothers*

Authors: Lauren Bader*, Lin Tan, Rich Gonzalez, Livio Provenzi, Brenda L. Volling

Presentation 3: *Mechanisms and Consequences of Fathering in Monogamous Male Mammals*

Authors: Karen L. Bales*, Adele M.H. Seelke, Chloe Karaskiewicz, Alexander Baxter

Symposium 8: Testosterone as a Single-dose Pharmacological Challenge for Altering Human Social Behavior

Zoom Webinar

Chairs: Kathleen Casto, Samuele Zilioli

Presentation 1: *Testosterone rapidly increases aggressive behaviour in men: role of personality traits and genetic variability in the androgen receptor gene*

Author: Justin Carré*

Presentation 2: *Causal influence of testosterone on competitive motivation for status*

Author: Annabel B. Losecaat Vermeer*

Presentation 3: *Exogenous testosterone increases the audience effect in healthy males: Evidence for the social status hypothesis*

Author: Yin Wu*

9:45-10:00

Break

10:00-10:45

Symposium 9: Stress and Inflammation: New Perspectives on Old Issues

Zoom Webinar

Chairs: Samuele Zilioli, Yanping Jiang

Discussant: Samuele Zilioli

Presentation 1: *Effects of socioeconomic status on inflammation following acute and chronic naturalistic stressors*

Authors: Yanping Jiang*, Samuele Zilioli, Kristen Peek, Malcolm Cutchin

Presentation 2: *Inflammatory responses to repeated acute stress in the laboratory*

Authors: Nicolas Rohleder*, Johanna Janson-Schmitt, Sarah Sturmbauer

Presentation 3: *Purpose in Life and Chronic Low-grade Inflammation Across Older Adulthood*

Authors: Irene Giannis*, Carsten Wrosch, Heather Herriot, Jean-Philippe Gouin

Symposium 10: A developmental perspective on measuring stress- and sex hormones in hair

Zoom Webinar

Chair: Lotte van Dammen

Presentation 1: *Trajectories of Body Mass Index and Adolescent Hair Cortisol: Importance of Persistence, Variability, and Developmental Timing*

Authors: Paula Ruttle*, Sylvana M. Côté, Sonia Lupien, Marie-Claude Geoffroy, Frank Vitaro, Richard E. Tremblay, Michel Boivin, Isabelle Oullet-Morin

Presentation 2: *Assessment of progesterone concentration in hair: Validation of an immuno-assay protocol in human and monkey hair samples*

Author: Wen Wang*, Lotte van Dammen, Shannin Moody, Jenae M. Neiderhiser, Andrew Dismukes, Christos Constantinidis, Elizabeth Shirtcliff

Presentation 3: *Pubertal hormones and brain structure: Exploring the value of hair assays*

Authors: Nandita Vijayakumar*, Elizabeth Shirtcliff, Michelle L. Byrne, Kathryn L. Mills, Theresa W. Cheng, Arian Mobasser, Jessica E. Flannery, Benjamin W. Nelson, John C. Flournoy, Wen Wang, Nicholas B. Allen, Jennifer H. Pfeifer

Presentation 4: *Changes of cortisol, dehydroepiandrosterone, testosterone, estradiol, and progesterone in hair across pregnancy, with comparison to a non-pregnant reference group*

Authors: Kristine Marceau*, Olivia Robertson, Emily Rolan, Wen Wang, Elizabeth Shirtcliff

10:45-11:00

Break

11:00-11:45

Symposium 11: Panel Discussion – Research in the time of COVID
Panelists include: Emma Adam, Clemens Kirschbaum, Sonia Lupien, Carmine Pariante, Carmen Sandi

Zoom Webinar

11:45-12:00

Break

12:00-14:00

Bruce McEwen Memorial Symposium and Closing Remarks

Zoom Webinar
With Recorded
Tribute Video
and Live
Discussion

Chair: Teresa Seeman

Contributors: Teresa Seeman, Sonia Lupien, Ron DeKloet, Jack Shonkoff, Liisa Galea, Elissa Epel, Megan Gunnar, Robert Sapolsky

Honored Guest: Karen Bulloch