S4SN 2021 PROGRAM AT A GLANCE

December 12-15, 2021
11:00am-3:30pm ET, 4:00-8:30pm GMT

Sunday, December 12, 2021, 11am-3pm ET, 4-8pm GMT

Pre-meeting training workshop
11:00am-3:00pm Open & reproducible social neuroscience

Tutorials and panel discussions including:

Rotem Botvinik-Nezera, Dartmouth. Analytic flexibility and open science.

Mark Laubach, American University. Open-source tools in behavioral neuroscience.

Lei Zhang, University of Vienna. Conducting open & reproducible human social neuroscience.

Monday, December 13, 2021, 11:00am-3:30pm ET, 4:00-8:30pm GMT

11:00am Keynote: Dean Mobbs, CalTech University. Survival and the social brain.

Symposium: Social buffering, touch, and trauma: A cross-species perspective

12:00pm Lauren Brent, Exeter University. Rhesus macaques build new social connections after a natural disaster.

12:30pm Social break! Grab a bite, chat with friends online.
1:00pm  **Susannah Walker**, Liverpool John Moores University. Touch targeting C-tactile afferents modulates stress resilience in rats.

1:30pm  **Connor Haggarty**, Linköping University. Childhood trauma affects the behavioural and physiological responses to affective touch.

2:00pm  **Harriet de Wit**, University of Chicago. Consequences of MDMA on subjective and neural responses to affective touch in healthy humans.

2:30-3:30pm  Poster session

**Tuesday, December 14**, 11:00am-3:30pm ET, 4:00-8:30pm GMT

11:00am  Keynote: **Tali Kimchi**, Weizmann Institute. Neurobiology of sex differences in social behavior.

**Symposium: Oxytocin modulation of social and affective processes**

12:00pm  **Brian C. Trainor**, University of California at Davis. Circuit-specific regulation of social approach and vigilance by oxytocin.

12:30pm  **Break! Have a drink, chat with friends online.**

1:00pm  **Johnathan M. Borland**, University of Minnesota. Sex-dependent regulation of social reward by oxytocin.

1:30pm  **Natalie C. Ebner**, University of Florida. Sex differences in effects of chronic oxytocin administration on adult attachment.

2:00pm  **Benjamin A. Tabak**, Southern Methodist University. Social anxiety enhances peripheral oxytocin reactivity to psychosocial stress.

2:30-3:30pm  Poster session

**Wednesday, December 15**, 11:00am-3:30pm ET, 4:00-8:30pm GMT

**Mini-symposium: Reward revisited – Novel insights into the pharmacology of social and non-social reward.**

11:00am  **Marie Eikemo**, University of Oslo. How social context alters drug effects and abuse liability.

11:30am  **Giorgia Silani**, University of Vienna. Understanding social motivation: a neuro-pharmacological account.

**Early career researchers and awards**

12:00pm  Open & reproducible science awards & discussion
12:30pm    Break! You know the drill.

1:00pm    Poster awards

1:30pm    *S4SN 2021 Early Career Award for research in humans.*

**Leah Mayo, Linköping University, Sweden.** The endocannabinoid system as a buffer of negative and positive social experiences in humans.

2:00pm    *S4SN 2021 Early Career Award for research in animals.*

**Michael Yartsev, University of California, Berkeley.** Neural mechanisms of group social behavior.

2:30-3:30pm    Poster session
POSTER SESSIONS

Monday, December 13, 2:30-3:30pm ET


2. C. Massaccesi, S. Korb, M. Willeit, B. Quednow, G. Silani. University of Vienna, University of Essex, Medical University of Vienna, University of Zurich. Effects of the mu-opioid receptor agonist morphine on facial mimicry and emotion recognition.


5. F. Aboharb, S. Serene, J. Sliwa, W. Freiwald. Rockefeller University, Paris Brain Institute, Institut du Cerveau. Dorsomedial frontal cortex represents perceptual, cognitive, and motor aspects of social cognition.


7. L. Bicks, A. Ramakrishnan, I. Couto, J. Kim, L. Shen, H. Morishita, S. Akbarian. Icahn School of Medicine at Mount Sinai. Adolescent modulation of prefrontal parvalbumin interneurons after juvenile social isolation prevents adult sociability deficits in mice.


11. M. Kvande, I. M. Meier, M. Eikemo, G. Ernst, S. Leknes. University of Oslo, Oslo University Hospital, Kongsberg Hospital. Childhood stressors alters the subjective experience of opioid drugs and possible liability to opioid use disorder?


14 M. Carlyle, D. Stjepanovic, H. Bowman, B.B. Quednow. University of Queensland, University of Zurich. A placebo-controlled, randomised study that explored the acute impacts of alcohol on social gating and empathy in social drinkers.

15 N. Oyer, S. Driskell. Indiana University. Examining the relationship between chronotype, social behaviors in the workplace, and extraversion.


18 R. Liu, A. Stolk, M. de Boer, R. Oostenveld, I. Toni. Donders Institute for Brain, Cognition and Behaviour. Oxytocin facilitates communicative adjustment by upregulating broadband aperiodic neural activity.

19 S. Blumenthal, L. Young. Emory University. Projections to the anterior cingulate cortex in adult prairie voles.


Tuesday, December 14, 2:30-3:30pm ET


24 A.M.S. Maallo, R. Boehme, G. Novembre, A. Kusztor, S. McIntyre, H. Olausson, M. Björnsdotter. Linköping University, Sahlgrenska University Hospital. Decoding of emotions communicated through touch.


30 M. Trøstheim, M. Eikemo, S. Leknes. Oslo University Hospital, University of Oslo. **A novel tool for selecting optimal antagonist dose and timing for central mu-opioid receptor blockade in human social neuroscience.**

31 M. Thompson, M. Eikemo, C. Vezzani, G. Løseth, C. Pazmandi, G. Ernst, S. Leknes. University of Oslo, Kongsberg Hospital, Oslo University Hospital. **A hybrid online-lab social stress test for repeated social stress induction.**

32 M. Warren, D. Campbell, A. Borie, C. Ford, A. Dharani, L. Young, R. Liu. Emory University. **Vocal responses to social context differ across early development in prairie voles.**


35 N. Bass, M. Hickey, S. Van Den Bergh, E. Choleris. University of Guelph. **Estrogenic protection against dorsal hippocampal D2-type dopamine receptor antagonism in gonadectomized male and female mice on social learning.**

36 N.L. Goodwin, L. Bloom, K. Pitts, V. Tsai, Y. Zhang, S.A. Golden. University of Washington. **Dissociable neural mechanisms of reactive and appetitive aggression.**

37 N. Burra, D. Kerzel. University of Geneva. **Meeting another’s gaze shortens subjective time by capturing attention.**

38 N. Rigney, G.J. de Vries, A. Petrulis. Georgia State University. **Connectional architecture of sex-different vasopressin neurons in the bed nucleus of the stria terminalis.**

39 O. Chene, P. Fossati, B. Weber, H. Plassmann*, L. Koban*. Paris Brain Institute (ICM), University of Bonn, INSEAD. **Social influence on food wanting generalizes based on conceptual dimensions.**

40 R. Clein, M. Warren, J. Neunuebel. University of Delaware, Emory University. **Enhanced contribution of female Shank3B knockout mice to social dynamics.**

41 C.J. Reppucci, V.M. Khaykin, J.D.A. Lee, K.E. Yoest, A.H. Veenema. Wheaton College, Michigan State University. **Activation of septal inputs to the ventral tegmental area supports the expression of social play behavior in juvenile rats.**

42 S.M. Freeman, S.S. Frehner, K.T. Dooley, M.C. Palumbo, A.L. Smith, M.M. Goodman, K.L. Bales. Utah State University, Oregon Health Sciences University, University of California Davis,
Emory University. Effect of sex and autism spectrum disorder on oxytocin receptor binding and mRNA expression in the dopaminergic pars compacta of the human substantia nigra.


44 T.W. Kononowicz, F. Rolando, L. Maigre, S. Ballesta, A. Sirigu, J.R. Duhamel, S. Wirth. CNRS Université Lyon. “This is my spot!” Social determinants regulate space utilization in macaques.

45 B.Y.H. Lam, F.W.L. Li, J. Chan. Hong Kong Shue Yan University, University of Hong Kong, University of Cambridge. Effect of fatty acid intake on neuropsychological functions in youth.


47 C. Ford, A. McDonough, L. Young. Emory University. Melanotan II increases oxytocin-dependent neuronal activity in social brain areas.

Wednesday, December 15, 2:30-3:30pm ET

48 C.M. Botello, I. Perez, E.I. Alaniz, J. L. VandeBerg, M. Gil. University of Texas Rio Grande Valley. Relationship between social behavior and dopamine neurons in the ventral tegmental area of Monodelphis domestica.


50 H.E. Lapp, M. Salazar, F.A. Champagne. University of Texas at Austin. Effects of limited bedding and nesting material on pup huddling and pup cues for maternal behavior.

51 H. Hartmann, P. Forbes, M. Ruetgen, C. Lamm. University of Vienna. Placebo analgesia reduces prosocial behavior when preventing another’s pain.


55 S.P.H. Speer, A. Smidts, M.A.S. Boksem. Erasmus University. Cognitive control promotes either honesty or dishonesty, depending on one’s moral default.

57  T.M. Milewski, M. Fusillo, A. Seth, M. Dwertz, W. Lee, J.P. Curley. University of Texas at Austin. **Social movements: Mapping spatial dynamics in mouse social hierarchies using RFID tracking.**

58  M. Lee, A. Lori, N. Langford, J. Rilling. Emory University. **A common oxytocin receptor gene (OXTR) polymorphism modulates the perception and neural response to dynamic facial micro-expressions.**

59  N. Zilkha, S. Chuartzman, I. Sofer, Y. Pen, T. Kimchi. Weizmann Institute of Science. **Insights from transgenic wild mice: sexual dimorphism in the regulation of group organization by VNO-mediated pheromones.**

60  O. Le Moëne, M. Larsson, W.S. Jackson. Linköping University. **Disc1-deletion reduces social activity in 129S4 mice.**

61  P. Ng, M. Mustroph, Z. Williams, Y. Kfir. Massachusetts General Hospital, Harvard Medical School. **Cortical network properties of social personality traits and their disorder.**

62  P. Demetrovich, L. Colgin. University of Texas at Austin. **Does oxytocin mediate CA2 place cell remapping to social stimuli?**

63  P.T. Putnam, C.C.J. Chu, N.A. Fagan, O. Dal Monte, S.W.C. Chang. Yale University. **Neuronal synchronization between the primate anterior cingulate cortex and the amygdala underlying vicarious reward.**

64  M. Tabbaa, A. Knoll, S. Lee, P. Levitt. University of Southern California, Children's Hospital Los Angeles, The Saban Research Institute. **Integrating genetically diverse mouse reference panels with mutations in an autism risk gene to discover mechanisms regulating social behavioral heterogeneity.**

65  V. de la Fuente. Instituto de Fisiología, Biología Molecular y Neurociencias -CONICET-, Universidad de Buenos Aires. **Neural circuits underlying socially acquired fear memories in mice.**


67  A. Omary, M.S. Kim, M.M. Herting. University of Southern California. **Altered emotion perception linked to structural brain differences in youth with congenital adrenal hyperplasia.**

68  J.C. Becerra-Leon, H. Santamaría-García, V. Peralta-Rodríguez, L.S. Moreno-Mendoza, S.J. Baez-Buitrago. University of the Andes, Pontifical Xaverian University. **Socio-cognitive, cognitive, affective and motivational domains predictive of experienced levels of envy and Schadenfreude in a Colombian sample.**

69  Y.E. Wu, J. Dang, L. Kingsbury, M. Zhang, F. Sun, R.K. Hu, W. Hong. University of California, Los Angeles. **Neural control of affiliative social contact in comforting behavior.**

70  K. Nash, J. Leota. University of Alberta. **Political orientation as psychological defense or basic disposition? A social neuroscience examination.**

71  C. Sexton, E. Choleris. University of Guelph. **The effects of oxytocin receptor antagonist on estrogens’ enhancing effects on social recognition in the medial amygdala.**
72  S. Lauby, P. McGowan. University of Texas at Austin, University of Toronto Scarborough Campus, University of Toronto. **Early-life variations in temperature exposure and supplemental tactile stimulation affect maternal care provisioning in female rat offspring.**

73  O. Benavides, D. Zuniga, M. Gil, U. Roy. University of Texas Rio Grande Valley, University of Texas Rio Grande Valley School of Medicine. **Effects of an enriched environment on dopamine neurons in the hypothalamus of a Parkinson’s disease mouse model.**