Ming-Hu Han, M.S., Ph.D.

Curriculum Vitae

Updated September, 2019

Icahn School of Medicine at Mount Sinai

WORK ADRESS AND CONTACT INFORMATION

Associate Professor, Department of Pharmacological Sciences & Institute for Systems Biomedicine
Associate Professor, Department of Neuroscience & Friedman Brain Institute
Group Leader, Faculty Interest Group for Neuropharmacology
Deputy Director, Center for Affective Neuroscience
Icahn School of Medicine at Mount Sinai

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Faculty Website: www.mountsinai.org/profiles/ming-hu-han
Lab Website: labs.icahn.mssm.edu/hanlab/

EDUCATION

07/1983	B.S.	Computer Science, Shenyang Institute of Technology, Shenyang, China
04/1993	M.S.	Image Processing and Pattern Recognition, South China University of Technology, Guangzhou, China
01/1999	Ph.D.	Neurobiology, Shanghai Institute of Physiology, Chinese Academy of Sciences, Shanghai, China

ACADEMIC APPOINTMENTS

09/1983-08/1985	Assistant Lecturer, Department of Biomedical Engineering, The First Military Medical University, Guangzhou, China
09/1985-09/1998	Lecturer, Department of Biomedical Engineering, The First Military Medical University, Guangzhou, China
10/1998-04/2002	Postdoctoral Associate, Department of Ophthalmology & Visual Science, Yale University School of Medicine, New Haven, Connecticut, USA
05/2002-11/2009	Instructor, Department of Psychiatry, University of Texas Southwestern Medical Center at Dallas, Texas, USA
12/2009-12/2014	Assistant Professor, Department of Pharmacology and Systems Therapeutics, Icahn School of Medicine at Mount Sinai, New York, USA
12/2009-12/2014	Assistant Professor, Department of Neuroscience and Friedman Brain Institute, Icahn School of Medicine at Mount Sinai, New York, USA
04/2010-present	Graduate Faculty, the Graduate School of Biomedical Sciences, Icahn School of Medicine at Mount Sinai, New York, USA ▪ Neuroscience Program (NEU) ▪ Pharmacology and Therapeutics Discovery Program (PTD)
01/2015-present	Associate Professor, Department of Pharmacological Sciences, and Institute for Systems Biomedicine, Icahn School of Medicine at Mount Sinai, New York, USA
01/2015-present	Associate Professor, Department of Neuroscience and Friedman Brain Institute, Icahn School of Medicine at Mount Sinai, New York, USA
05/2016-present	Group Leader, Faculty Interest Group for Neuropharmacology, Department of Pharmacological Sciences, Icahn School of Medicine at Mount Sinai, New York, USA
08/2017-present	Deputy Director, Center for Affective Neuroscience, Department of Neuroscience, Icahn School of Medicine at Mount Sinai, New York, USA

HONORS/AWARDS

1995	Science & Technology Award, Guangdong Province
1997	Jie-Hua Liang Award – Excellent Research Article Prize for Young Neuroscientist, The Chinese Neuroscience Society
1997	Travel Support (Award), Annual Physiology Symposium, Hong Kong University
1997	Di'ao Scholarship, Chinese Academy of Sciences, Second Class
1998	Di'ao Scholarship, Chinese Academy of Sciences, First Class
2006	Shanghai Natural Science Award, First Class
2006	Research Achievement Award, First Class China Department of Education
2007	NARSAD Young Investigator Award National Alliance for Research on Schizophrenia and Depression (NARSAD)
2011	Johnson & Johnson/IMHRO Rising Star Translational Research Award International Mental Health Research Organization (IMHRO)
2011	ACNP Travel Award Oral Presenter for "*Breakout Session*" and "*Hot Topics Session*" in the 50th Annual Meeting of ACNP (American College of Neuropsychopharmacology)
2012	Dr. Harold & Golden Lamport Research Award for Excellence in Basic Science Research, Icahn School of Medicine at Mount Sinai
2013	Associate Member in the ACNP
2013	Faculty Council Award for Academic Excellence, Icahn School of Medicine at Mount Sinai
2015	Top 10 Reviewers for *Biological Psychiatry* in 2015
2015	Elected to Member in the ACNP
2015	NARSAD Independent Investigator Award
2016	NAMI-New York State Excellence in Research Award National Alliance on Mental Illness (NAMI)
2017	GHP Academic Excellence Award in Depression Research
2018	Top 10 Reviewers for *Biological Psychiatry* in 2018

PROFESSIONAL SOCIETIES

The Chinese Neuroscience Society. (1995-1998)
The Chinese Physiology Society. (1995-1998)
The Association for Research in Vision and Ophthalmology (ARVO). (1999-2002)
Society for Neuroscience (SfN), USA. (1999-present)
American College of Neuopsychopharmacology (ACNP). (2013-present)
Research Society on Alcoholism (RSA). (2014-present)

MANUSCRIPT REVIEWER

2009-present

BBA – General Subjects
Biological Psychiatry
Cell Reports
Cerebral Cortex
Frontiers in Behavioral Neuroscience
Molecular Neurobiology
Molecular Psychiatry
Movement Disorders
Nature Communications
Nature Human Behaviour
Nature Medicine
Nature Neuroscience

Nature Reviews Neuroscience
Neuron
Neuropharmacology
Neuropsychopharmacology
Neuroscience
Neuroscience Bulletin
Neuroscientist
NeuroSignals
PLoS ONE
Science Translational Medicine
Scientific Reports
The American Journal of Psychiatry
The International Journal of Neuropsychopharmacology
The Journal of Neurophysiology
The Journal of Neuroscience
Trends in Neurosciences

TRAINING RECORD

Year	Training Level	Name	Current/Post-Training Position
03/07-06/09	Postdoctoral fellow	**Jun-Li Cao**	Professor, Director of Institute of Anesthesiology, Director of Jiangsu Province Key Laboratory of Anesthesiology, Xuzhou Medical College, China
04/10-08/15	Postdoctoral Fellow NRSA Awardee NARSAD Awardee	**Allyson Friedman**	Assistant Professor, Department of Biology, Hunter College, New York
04/10-12/14	Research Associate NARSAD Awardee	**Dipesh Chaudhury**	Assistant Professor, Department of Biology, New York University, Abu Dhabi
08/10-10/13	PhD Student NRSA Awardee	**Jessica Walsh** NEU Program	Postdoctoral Fellow, Robert Malenka's Laboratory, Stanford University
08/10-07/12 08/12-12/16	PREP Student PhD Student NRSA Awardee	**Barbara Juarez** NEU Program	Postdoctoral Fellow, Dr. Charles Chavkin and Larry Zweifel's Laboratory, University of Washington Seattle
09/11-12/12 04/12-02/18	PhD Student NRSA Awardee	**Stacy Ku** NEU Program	Equity Research Associate, Specialty Pharmaceuticals at Cowen Inc., New York
07/12-03/17	PhD Fellow Postdoctoral Fellow	**Hongxing Zhang**	Associate Professor, Department of Anesthesiology, Xuzhou Medical College, China
2013 summer	SURP Student	**Veronica Burnham**	The Mount Sinai Summer Undergraduate Research Program (SURP)
2013 summer	SURP Student	**Emily Rose**	The Mount Sinai Summer Undergraduate Research Program (SURP)
01/15-present	Postdoctoral Fellow	**Carole Morel**	Department of Pharmacology and Systems Therapeutics, Icahn School

			of Medicine at Mount Sinai, New York
06/15-12/16	PhD Fellow	**Song Zhang**	Doctor, Department of Anesthesiology, Renji Hospital, Shanghai, China
2015 summer	SURP Student	**Denise Croote**	PhD graduate student, Neuroscience Program, Icahn School of Medicine at Mount Sinai
2015 summer	SURP Student	**Kelcy Jackson**	The Mount Sinai Summer Undergraduate Research Program (SURP)
2015 summer 09/15-12/15	Summer Student Semester Student	**Michelle He**	College student Massachusetts Institute of Technology (MIT) Boston
06/16-present	PhD Student	**Sarah Montgomery**	Department of Pharmacological Sciences, Icahn School of Medicine at Mount Sinai, New York
07/16-05/18	PhD Fellow	**Yutong Liu**	Postdoctoral Fellow, College of Basic Medicine, Nanfang Medical University, Guangzhou, China
10/16-11/17	PhD Fellow	**Yingbo Zhu**	Postdoctoral Fellow, Department of Psychiatry, Tongji Medical College, Tongji University, Shanghai, China
10/16-08/17	PREP Student	**Hilledna Gregoire**	Lab Technician John Crary's Lab, Icahn School of Medicine at Mount Sinai
11/16-06/18	Visiting Student	**Tianxing Zhai**	Master graduate student University of Southern California Los Angeles
03/17-06/17	Visiting Master Student	**Natalia Truong**	PhD graduate student Institute of Immunology University of Mainz, Germany
03/17-06/17	Visiting Master Student	**Vanessa Kraft**	Master graduate student Department of Neurology University of Mainz, Germany
04/18-06/18	Visiting scholar	**Dengyi Long**	Vice President, Doctor, Cadre Sanatorium of Hainan & Geriatric Hospital of Hainan, China
2018 Summer 2019 summer	Summer Student	**Saoirse Ryan**	Department of Pharmacological Sciences, Icahn School of Medicine at Mount Sinai, New York
2018 Summer 2019 Summer	Summer Student	**Ziqing Xu**	Department of Pharmacological Sciences, Icahn School of Medicine at Mount Sinai, New York
08/18-present	MD/PhD Student	**Sherod Haynes**	Department of Pharmacological Sciences, Icahn School of Medicine at Mount Sinai, New York
01/18-present	Postdoctoral Fellow	**Min Cai**	Department of Pharmacological Sciences, Icahn School of Medicine at Mount Sinai, New York

GRANTS AND CONTRACT SUPPORT

PAST GRANTS

1994-1996 Principle Investigator (Ming-Hu Han)
Intramural Research Funding
The First Military Medical University, Guangzhou, China.

2003-2008 Co-Investigator (Ming-Hu Han) / Principle Investigator (Eric Nestler)
Program Project Grant - P01
P01 DA08227, National Institute on Drug Abuse, NIH.
– *Molecular neurobiology of drug addiction.*

2007-2009 Principle Investigator (Ming-Hu Han)
NARSAD Young Investigator Award
National Alliance for Research on Schizophrenia and Depression,
– *Cellular mechanisms of mesolimbic dopamine system regulation after chronic social defeat stress.*

2011-2014 Principle Investigator (Ming-Hu Han)
Johnson & Johnson / IMHRO Rising Star Translational Research Award
Johnson and Johnson's Corporate Office of Technology (COSAT),
International Mental Health Research Organization (IMHRO).
– *Active antidepressants: the potential use of KCNQ potentiators for depression treatment*

2011-2016 Principle Investigator (Ming-Hu Han)
R01 MH092306-01
National Institute of Mental Health, NIH
– *Neurophysiological basis of susceptibility and resilience to social defeat stress.*

2012-2017 Co-PI in the Behavioral Models Core (Ming-Hu Han, 10% effort) /
Principle Investigator (Eric Nestler)
P50 MH096890, Conte Center for Basic & Translational Mental Health Research
National Institute of Mental Health, NIH
– *Epigenetic mechanisms of depression*

2015-2017 Principle Investigator (Ming-Hu Han)
NARSAD Independent Investigator Award
Brain and Behavior Research Foundation
(National Alliance for Research on Schizophrenia and Depression)
– *Lateral hypothalamic regulation of the midbrain dopamine circuitry in social defeat stress*

2016-2018 Principle Investigator (Ming-Hu Han)
R21 MH112081-01
National Institute of Mental Health, NIH.
– *Role of VTA-Amygdala neural circuit in mediating anxiety-related behaviors*

2017-2018 Co-Investigator (Ming-Hu Han, 10% effort) / Principle Investigator (Eric Nestler)
P01 DA008227-25, Program Project Grant (PPG)
National Institute on Drug Addiction, NIH
– *Molecular neurobiology of drug addiction*

CURRENT GRANTS

2009- Principle Investigator (Ming-Hu Han)
Startup Fund

Friedman Brain Institute, Icahn School of Medicine at Mount Sinai

2014-2020 Principle Investigator (Ming-Hu Han)
R01 AA022445
National Institute on Alcohol Abuse and Alcoholism, NIH
– *Neurophysiological mechanisms of variable alcohol drinking behaviors*

2018-2019 Principle Investigator (Ming-Hu Han)
R56 MH115409-01A1
National Institute of Mental Health, NIH.
– *Rapid and long-lasting antidepressant action by targeting midbrain HCN channels*

2019-2023 Principle Investigator (Ming-Hu Han)
R01 MH120637-01
National Institute of Mental Health, NIH.
– *Rapid and long-lasting antidepressant action by targeting midbrain HCN channels*

2017-2022 Co-PI in the Behavioral Models Core (Ming-Hu Han, 10% effort) /
Principle Investigator (Eric Nestler)
P50 MH096890, Conte Center for Basic & Translational Mental Health Research
National Institute of Mental Health, NIH
– *Epigenetic mechanisms of depression*

2019-2023 Co-Investigator (Ming-Hu Han, 10% effort) / Principle Investigator (Eric Nestler)
P01 DA008227-30, Program Project Grant (PPG)
National Institute on Drug Addiction, NIH
– *Transcriptional mechanisms of drug addiction*

2015-2020 Co-PI in the Physiology Core (Ming-Hu Han, 04% effort) /
Principle Investigator (Giulio Pasinetti)
P50 AT008661, Botanical Center
National Center for Complementary and Integrative Health, NIH
– *Dietary botanicals in the preservation of cognitive and psychological resilience*

2010-2020 Co-Investigator (Ming-Hu Han, 05% effort) / Principle Investigator (Scott Russo)
R01 MH090264-06
National Institute of Mental Health, NIH
– *The role of thalamic versus cortical inputs to nucleus accumbens in stress-related disorders*

2017-2022 Co-Investigator (Ming-Hu Han, 10% effort) / Principle Investigator (Scott Russo)
R01 MH114882-02
National Institute of Mental Health, NIH
– *Role of lateral habenular orexin receptor signaling in aggressive social behavior*

2017-2019 Co-Investigator (Ming-Hu Han, 05% effort) / Principle Investigator (James Murrough)
R61/R33 MH111932-01
National Institute of Mental Health, NIH.
– *Developing neuronal KCNQ channel modulators for mood disorders*

PENDING GRANTS

2019-2024 Principle Investigator (Ming-Hu Han)
R01 MH115160-01 (received 15 percentile)
National Institute of Mental Health, NIH.
– *Role of VTA-amygdala neural circuit in mediating anxiety-related behaviors*

2020-2025 Multi-PI (Ming-Hu Han, Scott Russo, Eric Nestler)
U01 / National Institute on Drug Abuse, NIH.
– *Responses to Chronic Stress and Drugs of Abuse in BXD Mice*

TEACHING ACTIVITIES

Computer Language & application in Medicine	Medical School Course	Lecturer and Laboratory Mentor	55 hrs Class 35 hrs Lab Work	90 hrs per year for me	1983-1990
Computer Language & application in Medicine	Medical School Course	Lecturer and Laboratory Mentor	55 hrs Class 35 hrs Lab Work	90 hrs per year for me	1994-1995
Advanced Signal Transduction	Sinai Graduate School Course	Lecturer	52 hrs Class 8 hrs Discussion Forum	2 hrs Class and 2 hrs Discussion for me	Spring 2011
Systems Biomedicine Molecules, Cells and Networks	Sinai Graduate School Course	Lecturer	126 hrs Class 10 hrs Discussion & Presentation; Responsible for optogenetics	2 hrs Class for me	Fall 2011 Fall 2012 Fall 2013 Fall 2014 Fall 2015 Fall 2016 Fall 2017 Fall 2018
Advanced Biomedical Sciences (MD/PhD Graduate Course)	Sinai Graduate School Course	Lecturer/ Journal Club	Lecture Series; Responsible for optogenetics	2 hrs Class for me	Fall 2013
Current Topics in Translational Neuroscience	Sinai Graduate School Course	Lecturer	Eight Lectures; Responsible for Neurophysiologic Adaptations	2 hrs Class for me	Fall 2015
Addiction Psychiatry for Fellowship	Course for New York Psychiatry Resident Fellows	Lecturer	~80 Lectures; Responsible for Alcohol Addiction Lecture	2 hrs Class for me	Summer 2017 2018 2019

ACADEMIC ACTIVITIES

08/10-present Thesis Advisory Committee Member or Mentor,
The Graduate School of Biomedical Sciences
Icahn School of Medicine at Mount Sinai

Thesis Advisory Committee Member and Mentor
Ph.D. student **Jessica J. Walsh** (08/2010)

PREP (Post-Baccalaureate Research Program) Student Mentor
PREP student **Barbara Juarez** (08/2010)

Thesis Advisory Committee Member
Ph.D. student **Stephen Stockton** (12/2010)

Thesis Advisory Committee Member
Ph.D. student **Hannah Lederman** (01/2011)

Qualification Examination
Ph.D. student **Benjamin Chadwick** (09/2011)

Thesis Advisory Committee Member
Ph.D. student **Diane Damez-Werno** (10/2011)

Thesis Advisory Committee Member
M.D./Ph.D. student **Mitra Heshmati** (11/2011)

Thesis Advisory Committee Member
Ph.D. student **Sam Golden** (12/2011)

Thesis Advisory Committee Member and Mentor
Ph.D. student **Stacy Ku** (04/2012)

Thesis Advisory Committee Member and Mentor
Ph.D. Student **Barbara Juarez** (08/2012)

Thesis Advisory Committee Member
Ph.D. student **Cheng Jiang** (03/2013)

Thesis Advisory Committee Member
M.D./Ph.D. student **Robert Rifkin** (08/2013)

Thesis Advisory Committee Member
Ph.D. student **Meghan Flanigan** (08/2015)

Thesis Advisory Committee Member (Drexel University)
Ph.D. student **Zachary Brodnik** (08/2015)

Thesis Advisory Committee Member
Master student **Jia-Ru Chung** (12/2016)

Thesis Advisory Committee Member and Mentor
Ph.D. student **Sarah Montgomery** (06/2017)

Thesis Advisory Committee Member
M.D./Ph.D. student **Michael Martini** (08/2017)

Thesis Advisory Committee Member
Ph.D. student **Iya Prytkova** (02/2018)

Thesis Advisory Committee Member
Ph.D. student **Katherine LeClair** (05/2018)

03/12-present Scientific Judge
Westchester Science and Engineering Fair
Sleepy Hollow High School, Westchester County, New York

12/12-present NIH Study Sections
ZMH1 ERB-L (03) / Pathway to Independence Award (K99/R00)
ZMH1 ERB-L (05) / Pathway to Independence Award (K99/R00)
ZMH1 ERB-L (02) / Pathway to Independence Award (K99/R00)
ZMH1 ERB-L (03) / Pathway to Independence Award (K99/R00)
ZDA1 JXR-G (10) / Cutting-Edge Basic Research Award (CEBRA)
ZMH1 ERB-M (05) / Pathway to Independence Award (K99/R00)
ZRG1 BBBP-T (03) / Special Emphasis Panel (R01/R21)
ZRG1 IFCN-J (3) M / Special Emphasis Panel (R01/R21)
ZRG1 MDCN-C (04) / Special Emphasis Panel (R01/R21/K01)
PMDA / Study Section (R01/R21)

(Pending chartered study section member for PMDA)

01/13-present Neuroscience Graduate Admissions Committee,
The Graduate School of Biomedical Sciences
Icahn School of Medicine at Mount Sinai

08/13-present External Examiner of Thesis Defense Committee

PhD candidate: **Zinaida Perova** (08/2013)
Thesis title: Synaptic Changes in the Medial Prefrontal Cortex in Susceptibility and Resilience to Learned Helplessness
Institute: The Watson School of Biological Science, Cold Spring Harbor Laboratory

PhD candidate: **Collin Challis** (08/2014)
Thesis title: Top-Down Control of Serotonergic Systems in Socioaffective Choices and Depression-Like Behaviors
Institute: Department of Psychiatry
University of Pennsylvanian

PhD candidate: **Puja Parekh** (02/2017)
Thesis title: Differential Regulation of Synaptic Plasticity, Mood and Reward Behavior by Circadian Genes
Institute: Department of Psychiatry
University of Pittsburgh

PhD candidate: **Patrick Sweeney** (02/2017)
Thesis title: Deciphering Septal-hippocampal Control of Feeding Behavior
Institute: Department of Neuroscience & Physiology
SUNY Upstate Medical University

09/13 Invited Participant for Banbury Center Meeting (Sept 15-18)
The Neurobiology and Clinical Study of Rapid-Acting Antidepressants

09/13 Pharmacology Faculty Search Committee
Department of Pharmacology and Systems Therapeutics (PST)
Icahn School of Medicine at Mount Sinai

01/14-12/16 ACNP Program Committee
American College of Neuropsychopharmacology

07/13-present Brain Canada Multi-Investigator Research Initiative Review Committee
Brain Canada

08/14-present T32 Executive Committee
NIH/NIDA Training Grant: *Interdisciplinary Training in Drug Abuse Research*

03/15 ISRAEL SCIENCE FOUNDATION / Grant Review for the Israel Science Foundation

04/15 Italy's Ministry of Health (MOH), Grant Review for the MOH

12/2016 PREP Steering Committee (Post-Baccalaureate Research Program)

12/2016 Grant Review for the Army Research Office, USA

01/18-12/20 ACNP Membership Committee
American College of Neuropsychopharmacology

PEER-REVIEWED PUBLICATIONS

(Total citation: 7200, h-index: 40, i10-indes: 52)

1. **Han MH**, Piao YJ, Guo DW and Ogawa K: The role of Schwann cells and macrophages in the removal of myelin during Wallerian degeneration. *Acta Histochemica et Cytochemica*, 22(2):161-172, 1989.
2. **Han MH** and Yu YL: Chaotic coupling neural network and heteroassociative memory. In *Proceedings of International Conference of Neural Networks and Signal Processing*, pp166-171, 1993.
3. **Han MH** and Yu YL: EEG pattern recognition by chaotic dynamic methods. In *Proceedings of International Conference of Neural Networks and Signal Processing*, pp278-282, 1993.
4. **Han MH** and Yu YL: Dynamic characteristics of chaotic coupling neural network. In *Proceedings of Chinese Conference of Neural Networks*, pp194-198, 1993.
5. **Han MH**, Tu XY and Piao YJ: Detection of peroxydase by using cytochemical techniques. *Academic Journal of Guangxi University*, 12 (Suppl.):21-26, 1994.
6. **Han MH** and Yu YL: A modeling method of chaotic neural network based on coupling. *Journal of China Institute of Communications*, 16(2):13-19, 1995.
7. **Han MH**, Li Y and Yang XL: Desensitizing $GABA_C$ receptors on carp retinal bipolar cells. *NeuroReport*, 8(6):1331-1335, 1997.
8. Shen Y, **Han MH** and Yang XL: Desensitization and its functional significance of excitable neurotransmitter receptors. *SCIENCE CHINA Life Science*, 10(2):73-79, 1998.
9. Yang XL, Shen Y and **Han MH**: Glutamate and gamma-aminobutyric acid receptors and their characteristics in retina. *Chinese Science Bulletin*, 44(17):1548-1556, 1999.
10. Shen Y, **Han MH** and Yang XL: Desensitization and its functional significance of excitable neurotransmitter receptors. *Physiology Bulletin*, 18(1): 8-13, 1999.
11. **Han MH** and Yang XL: Zn^{2+} differentially modulates kinetics of $GABA_C$ and $GABA_A$ receptors in carp retinal bipolar cells. *NeuroReport*, 10(12):2593-2597, 1999.
12. Yang XL, Shen Y, **Han MH** and Lu T: Physiological and pharmacological characterization of glutamate and GABA receptors in the retina. *Korean Journal of Physiology & Pharmacology*, 3:461-469, 1999.
13. **Han MH**, Shen Y and Yang XL: Response kinetics of GABA receptors and their functional significance. *Progress in Physiological Science*, 30(1):10-16, 1999.
14. **Han HM** and Yang XL: Differences in kinetics between $GABA_C$ and $GABA_A$ receptors in carp retinal bipolar cells. *Science in China Series C-Life Science*, 43(5):526-534, 2000.
15. Yang XL, Li P, Lu T, Shen Y and **Han MH**: Physiological and pharmacological characterization of glutamate and GABA receptors on carp retinal neurons. *Progress in Brain Research*, 131: 277-293, 2001.
16. **Han MH**, Kawasaki A, Wei JY and Barnstable CJ: Miniature postsynaptic currents depend on Ca^{2+} released from internal stores via PLC/IP_3 pathway. *NeuroReport*, 12(10):2203-2207, 2001.
17. Kawasaki A, **Han MH**, Wei JY and Barnstable CJ: Protective effect of arachidonic acid on glutamate neurotoxicity in rat retinal ganglion cells. *Investigative Ophthalmology & Visual Science (IOVS)*, 43(6):1835-1842, 2002.

18. Gold SJ, **Han MH**, Herman AE, Ni, YG, Pudiak CM, Aghajanian GK, Liu RJ, Potts BW, Mumby SM and Nestler EJ: Regulation of RGS proteins by chronic morphine in rat locus coeruleus. *European Journal of Neuroscience*, 17(5):971-980, 2003.

19. Wang WS, Piao ZX, **Han MH**, Wang QW and Piao YJ: Autophagic effect of Schwann cells in the regeneration of rat sciatic nerves. *Di Yi Jun Yi Da Xue Xue Bao (Journal of the First Military Medical University)*, 24(1):85-7, 2004.

20. Piao ZX, Wang WS, Xu XJ, Wang QW, Huo X, **Han MH** and Piao YJ: Autophagy of neuron axon during regeneration of rat sciatic nerves. *Di Yi Jun Yi Da Xue Xue Bao (Journal of the First Military Medical University)*, 24(4):361-4, 2004.

21. Barnstable CJ, Wei JY and **Han MH**: Modulation of synaptic function by cGMP and cGMP-gated cation channels. *Neurochemistry International*, 45(6):875-84, 2004.

22. **Han MH**, Bolanos CA, Green TA, Olson VG, Neve RL, Liu RJ, Aghajanian GK and Nestler EJ: Role of cAMP response element-binding protein (CREB) in the rat locus coeruleus: Regulation of neuronal activity and opiate withdrawal behaviors. *The Journal of Neuroscience*, 26(17):4624-9, 2006.

23. Krishnan V*, **Han MH***, Graham DL, Berton O, Renthal W, Russo SJ, LaPlant Q, Graham A, Lutter M, Lagace DC, Ghose S, Reister R, Tannous P, Green TA, Neve RL, Chakravarty S, Kumar A, Eisch AJ, Self DW, Lee FS, Tamminga C, Cooper DC, Gershenfeld HK and Nestler EJ: Molecular adaptations underlying susceptibility and resistance to social defeat in brain reward regions. *Cell*, 131(2):391-404, 2007. [*Contributed equally]

    Previews: "How mice cope with stressful social situations" in *Cell* 131:232-234, 2007
    Research Highlights: "Resisting stress" in *Nature Reviews Neuroscience* 8:909, 2007
    Nature 2007 Research Highlights: "Active resilience" in *Nature* 450:1130-1133, 2007

24. Huang YH, Lin Y, Brown TE, **Han MH**, Saal DB, Neve RL, Zukin RZ, Sorg BA, Nestler EJ, Malenka RC and Dong Y: CREB modulates the functional output of nucleus accumbens neurons: A critical role of synaptic NMDA receptors. *The Journal of Biological Chemistry*, 283(5):2751-60, 2008.

25. Krishnan V, **Han MH**, Mazei-Robison M, Iñiguez SD, Ables JL, Vialou VF, Berton O, Ghose S, Covington HE 3rd, Wiley MD, Henderson RP, Neve RL, Eisch AJ, Tamminga CA, Russo SJ, Bolaños CA and Nestler EJ: AKT signaling within the ventral tegmental area regulates cellular and behavioral responses to stressful stimuli. *Biological Psychiatry*, 64(8):691-700, 2008.

26. Wallace DL*, **Han MH***, Graham DL, Green TA, Vialou VF, Iñiguez SD, Cao JL, Chakravarty S, Kumar A, Krishnan V, Neve RL, Cooper DC, Bolanos CA, Barrot M, McClung CA and Nestler EJ: CREB regulation of nucleus accumbens excitability mediates social isolation-induced behavioral deficits. *Nature Neuroscience*, 12(2):200-209, 2009. [*Contributed equally]

27. **Han MH**, Renthal W, Ring RH, Rahman Z, Psifogeorgou K, Howland D, Birnbaum S, Young K, Neve R, Gomes I, Devi LA, Nestler EJ and Zachariou V: Brain region specific actions of RGS4 oppose morphine reward and dependence but promote analgesia. *Biological Psychiatry*, 67(8):761-769, 2010.

28. Iñiguez SD, Vialou V, Warren BL, Cao JL, Alcantara LF, Davis LC, Manojlovic Z, Neve R, Russo SJ, **Han MH**, Nestler EJ and Bolanos-Guzman CA: Extracellular signal-regulated kinase-2 within the ventral tegmental area regulates responses to stress. *The Journal of Neuroscience*, 30(22):7652-7663, 2010.

29. Cao JL, Vialou VF, Lobo MK, Robison AJ, Neve RL, Cooper DC, Nestler EJ and **Han MH†**: Essential role of the cAMP-cAMP response-element binding protein pathway in opiate-induced homeostatic adaptations of locus coeruleus neurons. *Proceedings of the National Academy of Sciences USA*, 107(39):17011-17016, 2010. [†Corresponding author]

30. Lobo MK, Covington III HE, Chaudhury D, Friedman AK, Sun HS, Damez-Werno D, Dietz D, Zaman S, Koo JW, Kennedy PJ, Mouzon E, Mogri M, Neve RL, Deisseroth K, **Han MH** and Nestler EJ: Cell type specific loss of BDNF signaling mimics optogenetic control of cocaine reward. *Science*, 330(6002):385-389, 2010.

31. Cao JL, Covington III HE, Friedman AK, Wilkinson MB, Walsh JJ, Cooper DC, Nestler EJ and **Han MH†**: Mesolimbic dopamine neurons in the brain reward circuit mediate susceptibility to social defeat and antidepressant action. *The Journal of Neuroscience*, 30(49):16453-16458, 2010. [†Corresponding author]
    This Week in The Journal: "Social defeat stress increases bursting in dopaminergic neurons" in *The Journal of Neuroscience* 30: i-i·i, 2010

32. Christoffel DJ, Golden SA, Dumitriu D, Robison AJ, Janssen WG, Ahn HF, Krishnan V, Reyes CM, **Han MH**, Ables JL, Eisch AJ, Dietz DM, Ferguson D, Neve RL Greeengard P, Kim Y, Morrison JH and Russo SJ: IκB kinase regulates social defeat stress induced synaptic and behavioral plasticity. *The Journal of Neuroscience*, 31(1):339-45, 2011.

33. Coque L, Mukherjee S, Cao JL, Spencer S, Marvin M, Falcon E, Sidor MM, Birnbaum SG, Graham A, Neve RL, Gordon E, Ozburn AR, Goldberg SG, **Han MH**, Cooper DC and McClung CA: Specific role of VTA dopamine neuronal firing rates and morphology in the reversal of anxiety-related, but not depression-related behavior in the *clock*Δ19 mouse model of mania. *Neuropsychopharmacology*, 36(7):1478-88, 2011.

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33. Friedman AK*, Chaudhury D*, Walsh JJ, Juarez B, Lobo MK, Covington III HE, Vialou VF, Tsai HC, Deisseroth K, Nestler EJ and **Han MH**: Essential role of ventral tegmental area dopamine neurons in mediating the induction and rapid reversal of depression-like behaviors. Chosen for 2011 ACNP Travel Awardees' *"Breakout Session"* and *"Hot Topic"* as well. *The 50th Anniversary Meeting of ACNP*, 2011. [* Contributed equally]

34. Nestler EJ, Russo SJ and **Han MH**: Role of the brain's reward circuits in controlling emotional behavior: studies in addiction and depression models. *Optogenetics and Pharmacogenetics in Neuronal Function and Dysfunction: 7th Brain Research Conference*, 2012.

35. Friedman AK, Walsh JJ, Juarez B, Chaudhury D, Li X, Pan N, Wang J , Vialou VF, Ribadeneira M, Wong E, Yue Z and **Han MH**: Homeostatic regulation of VTA ion currents is a mediator of resilience to social defeat stress. *The Friedman Brain Institute and The Neuroscience Training Area: the 4th Annual Neuroscience Retreat*, Mount Sinai School of Medicine, 2012.

36. Walsh JJ, Friedman AK, Chaudhury D, Juarez B and **Han MH**: The role of projection-specific dopamine neurons in the ventral tegmental area in social defeat stress. *The Friedman Brain Institute and The Neuroscience Training Area: the 4th Annual Neuroscience Retreat*, Mount Sinai School of Medicine, 2012.

37. Chaudhury D, Juarez B, Walsh JJ, Friedman AK and **Han MH**: Phasic firing of ventral tegmental area dopamine neurons encodes behavioral susceptibility to social defeat stress. *The Friedman Brain Institute and The Neuroscience Training Area: the 4th Annual Neuroscience Retreat*, Mount Sinai School of Medicine, 2012.

38. Christoffel D, Golden S, Walsh JJ, Chaudhury D, Heshmati M, Hodes G, Ables J, Ibanez-Talllon I, **Han MH** and Russo SJ: Exploring the roles of distinct glutamatergic projections on NAc function and social avoidance behavior. *The Friedman Brain Institute and The Neuroscience Training Area: the 4th Annual Neuroscience Retreat*, Mount Sinai School of Medicine, 2012.

39. Chaudhury D. Walsh JJ, Juarez B, Friedman AK, Koo J, Ferguson D, Tsai HC, Pomeranz L, Ku SM, Christoffel DJ, Mouzon E, Lobo M, Neve RL, Friedman JM, Russo SJ, Deisseroth K, Nestler EJ and **Han MH**: Optogenetic dissection of the functional role of the firing patterns of ventral tegmental area dopamine neurons in encoding behavioral susceptibility to social defeat stress. *Society for Neuroscience Abstract*, 2012.

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42. Juarez B, Friedman AK, Chaudhury D, Walsh JJ, Crumiller M and **Han MH**: The role of midbrain dopamine neurons in mediating alcohol drinking behaviors. *Society for Neuroscience Abstract*, 2012.

43. Lenz J, Finkel E, Chaudhury D, **Han MH** and Lobo M: Antidepressant effects of optogenetic control of nucleus accumbens neurons. *Society for Neuroscience Abstract*, 2012.

44. Nestler EJ, Russo SJ and **Han MH**: Role of the brain's reward circuits in controlling emotional behavior: studies in addiction and depression models. *BRAIN-2012 - 7th Brain*

Research Conference: Optogenetics and Pharmacogenetics in Neuronal Function and Dysfunction, 2012.

45. **Han MH**: Pathway-specific dissection of neural circuits underlying depression-related behaviors. *OPTOGENETICS – 2013 Meeting on Neuronal Function to Mapping & Disease Therapeutics*, 2013.

46. Christoffel DJ, Walsh JJ, Golden SA, Heshmati M, Friedman AK, Hodes GE, Pfau ML, Ables JL, Deisseroth K, Ibanez-Tallon I, **Han MH** and Russo JS: Modulation of thalamic inputs to the nucleus accumuens regulates stress-induced adaptations. . *Society for Neuroscience Abstract*, 2013.

47. Juarez B, Friedman AK, Chaudhury D, Walsh JJ, Ku SM and **Han MH**: Neural circuit investigation into the role of midbrain dopamine neurons in mediating alcohol drinking behaviors. *Society for Neuroscience Abstract*, 2013.

48. Friedman AK, Walsh JJ, Juarez B, Chaudhury D, Ku SM, Feng J, Wang J, Li X, Pan N, Vialou VF, Yue Z, Deisseroth K and **Han MH**: Homeostatic plasticity of midbrain dopamine neurons mediates resilience to severe social stress. *Society for Neuroscience Abstract*, 2013.

49. Walsh JJ, Friedman AK, Sun H, Ku SM, Heller EA, Juarez B, Ferguson D, Mazei-Robison M, Golden SA, Chaudhury D, Christoffel DJ, Pomeranz L, Friedman JM, Russo SJ, Nestler EJ and **Han MH**: Phasic firing-specific regulation of BDNF in VTA-to-NAc pathway is stress-contextual dependent. *Society for Neuroscience Abstract*, 2013.

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51. Friedman AK, Walsh JJ, Juarez B, Ku SM, Chaudhury D, Wang J, Li X, Dietz DM, Pan N, Vialou VF, Neve RL, Yue Z and **Han MH**: Enhancing depression mechanisms in midbrain neurons achieves homeostatic resilience. *The Friedman Brain Institute and The Neuroscience Training Area: the 6th Annual Neuroscience Retreat*, Mount Sinai School of Medicine, 2014.

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53. Chaudhury D, Zhang H, Juarez B, Friedman AK, Ku SM and **Han MH**: Functional role of lateral habenula neurons projecting to ventral tegmental area in modulating susceptibility to social defeat stress. *The Friedman Brain Institute and The Neuroscience Training Area: the 6th Annual Neuroscience Retreat*, Icahn School of Medicine at Mount Sinai, 2014.

54. Zhang H, Chaudhury D, Crumiller M, Juarez B, Friedman AK, Ku SM and **Han MH**: Functional role of locus coeruleus norepinephrine neurons projecting to ventral tegmental area in mediating social defeat stress. *The Friedman Brain Institute and The Neuroscience Training Area: the 6th Annual Neuroscience Retreat*, Icahn School of Medicine at Mount Sinai, 2014.

55. Ku SM, Juarez B, Friedman AK, Walsh JJ, Chaudhury D, Mesias R, Benson DL and **Han MH**: Hypocretin modulation of VTA DA and GABA neurons in social defeat stress. *The Friedman Brain Institute and The Neuroscience Training Area: the 6th Annual Neuroscience Retreat*, Icahn School of Medicine at Mount Sinai, 2014.

56. Friedman AK, Walsh JJ, Juarez B, Ku SM, Dietz DM, Ribadeneira M, Wong E, Neve RL and **Han MH**: KCNQ3 channel regulation in the VTA mediates social avoidance behavior in response to chronic social defeat stress. *Society for Neuroscience Abstract*, 2014.

57. Juarez B, Friedman AK, Ku SM, Chaudhury D, Zhang H, Rose E, Crumiller M and **Han MH**: intrinsic adaptations of mesolimbic dopamine neurons that mediate individual alcohol drinking behaviors. *Society for Neuroscience Abstract*, 2014.

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60. Ku SM, Zhang HX, Juarez B, Friedman AK, Chaudhury D, Walsh JJ, Mesias R, Benson DL and **Han MH**: Dissecting lateral hypothalamic input to midbrain neurons and its role in social defeat stress. *The Friedman Brain Institute and The Neuroscience Training Area: the 7th Annual Neuroscience Retreat*, Icahn School of Medicine at Mount Sinai, 2015.

61. Zhang HX, Chaudhury D, Crumiller M, Juarez B, Friedman AK, Ku SM, Calipari ES, Nectow AR, Jiang C, Cao JL and **Han MH**: Locus coeruleus-ventral tegmental area neural circuit mediates resilience to social defeat stress. *The Friedman Brain Institute and The Neuroscience Training Area: the 7th Annual Neuroscience Retreat*, Icahn School of Medicine at Mount Sinai, 2015.

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63. Juarez B, Friedman AK, Calipari ES, Yorgason JT, Crumiller M, Ku SM, Zhang H, Morel C, Chaudhury D and **Han MH**: Functional adaptations of mesolimbic dopamine neurons underlying individual alcohol drinking behaviors. *Society for Neuroscience Abstract*, 2015.

64. Zhang H, Chaudhury D, Juarez B, Friedman AK, Ku SM, Calipari ES, Nectow AR, Crumiller M, Cheng J, Sun H, Salton S, Friedman JM, Cao JL and **Han MH**: Locus coeruleu-ventral tegmental area neural circuit mediates resilience to social defeat stress. *Society for Neuroscience Abstract*, 2015.

65. Ku SM, Zhang H, Juarez B, Friedman AK, Walsh JJ, Mesias R, Chaudhury D, Benson D and **Han MH**: Lateral hypothalamic regulation of midbrain reward circuitry in social defeat stress. *Society for Neuroscience Abstract*, 2015.

66. Ribeiro EA, Juarez B, Bagot R, Purushothaman I, Lanonte B, Calipari E, Feng J, Scarpa J, Cates H, Heshmati M, Kasarskis A, Russo S, Shen L, **Han MH**, J Koo and Nestler EJ: A role for nucleus accumbens somatostatin interneurons in cocaine induced plasticity. *Society for Neuroscience Abstract*, 2015.

67. Golden SA, Heshmati M, Christoffel DJ, Guise K, Pfau ML, Aleyasin H, Hodes GE, Flanigan M, Bregman D, Khibnic L, Tai J, Rebusi N, Krawitz B, Chaudhury D, Walsh JJ, Shaham Y, **Han MH**, Shapiro ML and Russo SJ: Ventral striatal projections to the later habenula modulate aggression reward. *Society for Neuroscience Abstract*, 2015.

68. Friedman AK, Juarez B, Ku SM, Zhang H, Walsh JJ, Chaudhury D, Dietz DM, Ribaderneira M, Wong E, Neve R and **Han MH**: Pharmacological potentiation of KCNQ channel currents

in midbrain dopamine neurons functions as a mechanistically distinct antidepressant. *Society for Neuroscience Abstract*, 2015.

69. Juarez B, Friedman AK, Morel C, Calipari ES, Yorgason JT, Roman-Ortiz C, Ribeiro E, Ku SM, Chaudhury D, Crumiller M, Zhang X and **Han MH**: Neural circuit dissection of midbrain dopamine neurons and their role in mediating individual alcohol drinking behaviors. *The Friedman Brain Institute and The Neuroscience Training Area: the 8th Annual Neuroscience Retreat & the DPS Retreat,* Icahn School of Medicine at Mount Sinai, 2016.

70. Zhang X, Chaudhury D, Nectow A, Juarez B, Calipari E, Zhang S, Friedman AK, Ku SM, Crumiller M, Jiang C, Morel C, Tzavaras N, He M, Saltonv S, Nestler EJ, Friedman J, Cao JL and **Han MH**: Locus coeruleus-ventral tegmental area neural circuit mediates resilience to social stress. *The Friedman Brain Institute and The Neuroscience Training Area: the 8th Annual Neuroscience Retreat & the DPS Retreat*, Icahn School of Medicine at Mount Sinai, 2016.

71. Chaudhury D*, Zhang H*, Zhang S*, Juarez B, Friedman AK, Ku SM, Morel C, Cao JL and **Han MH**: Role of lateral habenula–ventral tegmental area circuit in mediating susceptibility to social defeat stress. *The Friedman Brain Institute and The Neuroscience Training Area: the 8th Annual Neuroscience Retreat & the DPS Retreat*, Icahn School of Medicine at Mount Sinai, 2016. [*Contributed equally]

72. Ku SM, Zhang H, Juarez B, Friedman AK, Morel C, Chaudhury D, Walsh JJ, Mesias R, Benson DL and **Han MH**: Regulation of lateral hypothalamic midbrain circuitry in social defeat stress. *The Friedman Brain Institute and The Neuroscience Training Area: the 8th Annual Neuroscience Retreat & the DPS Retreat*, Icahn School of Medicine at Mount Sinai, 2016.

73. van Dam NT, Kautz M, Friedman AK, **Han MH**, Nestler EJ, Charney DS, Losifescu DV and Murrough JW: Potassium-channel modulator ezogabine decreases symptomatology and increases reward response in depression. *Society of Biological Psychiatry Abstract*, 2016.

74. Heshmati M, Aleyasin H, Menard C, Flanigan ME, Pfau ML, Goff PH, Hodes GE, Takahashi A, Lepack A, Bicks L, Christoffel DJ, Chandra R, Friedman AK, Turecki G, **Han MH**, Lobo MK, Maze I, Golden SA and Russo SJ: A cell-type specific role for nucleus accumbens neuroligin-2 in depression and stress susceptibility. *Society of Biological Psychiatry Abstract*, 2016.

75. Russo SJ, Takahashi A, Zhang H, Zhang S, Grossman Y, Aleyasin H, Flanigan ME, Pena C, Pfau ML, Hodes GE, Menard C, Nestler EJ and **Han MH**: Establishment of repeated social defeat stress model in female mice. *Society of Biological Psychiatry Abstract*, 2016.

76. Nectow AR, Field BC, Renier N, Zhang H, Liang Y, **Han MH** and Friedman JM: A brainstem circuit for controlling feeding-related behaviors. *Society of Biological Psychiatry Abstract*, 2016.

77. Calipari ES, Juarez B, Morel C, Walker DM, Riberio E, Ramakrishnan C, Deisseroth K, **Han MH** and Nestler EJ: Dopaminergic dynapics underlying sex-specific reward processing. *Society of Biological Psychiatry Abstract*, 2016.

78. Zhu Y, Shanley MR, Ku SM, Morel C, Zhang H, Shen Y, Friedman AK and **Han MH**: Rapid and sustained antidepressant effects of single-dose HCN channel inhibitor in chronic social defeat model of depression. *Department of Pharmacological Science Retreat Abstract*, Icahn School of Medicine at Mount Sinai, 2017.

79. Juarez B, Morel C, Ku SM, Liu Y, Zhang H, Gregoire H, Montgomery SE, Crumiller M, Walsh JJ, Zhu Y, Zhang S, Chaudhury D, Friedman AK and **Han MH**: Distinct midbrain

dopamine circuits regulate individual alcohol drinking behaviors. *56th Annual Meeting of American College of Neuropsychopharmacology Abstract*, 2017.

80. Ku SM, Morel C, Friedman AK and **Han MH**: Midbrain Microcircuit Dysfunction in Repeated Social Stress. *56th Annual Meeting of American College of Neuropsychopharmacology Abstract*, 2017.
81. Juarez B, Morel C, Ku SM, Liu Y, Zhang H, Gregoire H, Ribeiro E, Calipari ES, Zhu Y, Zhang S, Vendruscolo LF, Edwards S, Chaudhury D, Friedman AK and **Han MH**: Midbrain circuit regulation of individual alcohol drinking behaviors. *Gordon Research Conferences: Neurobiology of Drug Addiction Abstract*. 2017.
82. **Han MH**: Resilience Neuroscience: from the preclinical model to the patient. *Abstract for Frontiers in Interdisciplinary Neuroscience and Technology: Sensations to Emotions*, 2017.
83. Han MH: Neural circuit mechanism of susceptibility and resilience to social stress. *Abstract for L&N Symposium on Neural Modulation and Circuits*, 2017.
84. Chung JR, Takahashi A, Zhang S, Zhang S, Grossman Y, Aleyasin H, Flanigan M, Pfau M, Menard C, Dumitriu D, Hodes G, McEwen B, Nestler EJ, **Han MH** and Russo SJ: Establishment of a repeated social defeat stress model in female mice. *Society for Neuroscience Abstract,* 2017.
85. Ku SM, Morel C, Zhang H, Juarex B, Mesias RE, Devarakonda K, Walsh JJ, Chaudhury D, Friedman AK and **Han MH**: Extrinsic modulation of midbrain dopamine neurons in stress-induced depression. *Society for Neuroscience Abstract,* 2017.
86. Morel C, Ku SM, Montgomery S, Juarez B, Flannigan M, Calipari ES, Walsh JJ, Friedman AK and **Han MH**: Role of the ventral tegmental area in anxiety following chronic stress exposure. *The Friedman Brain Institute and The Neuroscience Training Area: the 10th Annual Neuroscience Retreat & the DPS Retreat*, Icahn School of Medicine at Mount Sinai, 2018.
87. Montgomery S, Morel C, Juarez B, Ku SM, Flannigan M, Calipari E and **Han MH**: In vivo population activity of neural circuit underlying individual alcohol drinking behaviors. *The Friedman Brain Institute and The Neuroscience Training Area: the 10th Annual Neuroscience Retreat & the DPS Retreat*, Icahn School of Medicine at Mount Sinai, 2018.
88. Zhu Y, Shanley MR, Ku SM, Morel C, Zhang H, Shen Y, Friedman AK and **Han MH**: HCN channel inhibitor induces ketamine-like rapid and sustained antidepressant effects in a chronic social defeat stress model of depression. *The Friedman Brain Institute and The Neuroscience Training Area: the 10th Annual Neuroscience Retreat & the DPS Retreat*, Icahn School of Medicine at Mount Sinai, 2018.
89. Heshmati M, Leclair K, Menard C, Christoffel DJ, Golden SA, Flonigan M, Aleyasin H, Friedman AK, **Han MH** and Russo SJ: Depression and social defeat stress commonly impair inhibition in the nucleus accumbens. *Society for Neuroscience Abstract,* 2018.
90. Zhu Y, Shanley MR, Ku SM, Morel C, Zhang H, Shen Y, Friedman AK and **Han MH**: HCN channel inhibitor induces a rapid and sustained reversal of social deficit in a chronic social defeat stress model of depression. *57th Annual Meeting of American College of Neuropsychopharmacology Abstract*, 2018.

NEWS / MEDIA REPORT

- "The Two Faces of Depression – Two studies switch off symptoms in mice, but in opposite ways". ***Discover Magazine***, by Ed Young; December 12, 2012.

- "Stress-Resilience/Susceptibility Traced to Neurons in Reward Circuit – Light instantly triggers or reverses depression-like states in rodents". ***National Institute of Mental Health: News and Events***, by Jules Asher; December 12, 2012.
- "Brain tweak can alter behavior – Depressive symptoms turned on and off in mice with light." ***Science News Magazine***, by Laura Sanders; January 26, 2013.
- "How Smart Brains Handle Stress – Learn how to fight back when you're feeling the most pressure." ***Men's Health***, by Rachael Schultz; November 20, 2013.
- "To quash depression, some brain cells must push through the stress." ***Los Angeles Times***, by Melissa Healy; April 17, 2014.
- "Triggering Resilience to Depression In mice, boosting depression-causing activity in neurons can actually reverse depressive symptoms." ***The Scientist***, by Ed Young; April 17, 2014.
- "Jump-starting natural resilience reverses stress susceptibility." ***National Institute of Mental Health: News and Events***, by Jules Asher; April 17, 2014.
- "Boosting Excess Neuron Activity Builds Resilience In Mice Vulnerable To Depression." ***Medical Daily***, by Lecia Bushak; April 17, 2014.
- "The Future of Depression Treatment May Come from Inducing Worse Depression." ***Motherboard***, by Michael Byrne; April 18, 2014.
- "Researchers find counterintuitive way to reverse depression." ***Xinhua Net News***; April 18, 2014.
- "NARSAD grantees make surprising discovery – promoting natural resilience to treat depression." ***Brain & Behavior Research Foundation***; April 21, 2014. [Also see the foundation's ***Quarterly Magazine***, Summer 2014]
- "Self-tuning neurons promote resilience to stress, depression." ***NIH Research Matters***; May 05, 2014.

INVITED SEMINARS / PRESENTATIONS

May 04, 1995 *Analysis of Neural Networks Using Non-Linear Dynamic Theory.* Seminar, Institute of Radio Engineering, South China University of Technology, Guangzhou, China.

Aug 15, 1995 *Programming Techniques and Digital Imaging Equipment in Clinical Medicine.* Seminar, Department of Radiology, Nanfang Hospital, Guangzhou, China.

Apr 14, 1997 *Desensitization of $GABA_C$ Receptors on the Carp Retinal Bipolar Cells.* Speaker in the Annual Neurophysiology Symposium, Department of Physiology, University of Hong Kong, Hong Kong.

Aug 24, 2001 *Internal Ca^{2+} Contribution to Miniature Synaptic Events and External Ca^{2+} Neurotoxicity in Retinal Ganglian Cells.* Special Seminar, Department of Psychiatry, University of Texas Southwestern Medical Center at Dallas, Texas, USA.

May 09, 2008 *Molecular and cellular mechanisms underlying behavioral susceptible and unsusceptible to social defeat in brain reward circuit.* Neuroscience Seminar, Hershey Neuroscience Research Institute, Penn State University, Pennsylvania, USA.

Mar 18, 2009 *Activity plasticity: the roles in behavior changes induced by chronic stimulations.* Special Seminar, Department of Neural & Behavioral Sciences, College of Medicine, Penn State University, Pennsylvania, USA.

Apr 23, 2009 *Neuroadaptations underlying susceptibility and resilience to social defeat in the mesolimbic dopamine circuit.* Special Seminar, Department of Psychiatry, University of Texas Southwestern Medical Center at Dallas, Texas, USA.

Jul 08, 2009 *Neuroadaptations underlying susceptibility and resilience to social defeat in the mesolimbic dopamine circuit.* Special Seminar, Departments of Pharmacology and Systems Therapeutics, and Neuroscience, Mount Sinai School of Medicine, New York, USA.

Jun 14, 2010 *Mesolimbic dopamine neurons in the brain reward circuit mediate stress responses and antidepressant actions.* Speaker, Departmental Retreat, Department of Pharmacology and Systems Therapeutics, Mount Sinai School of Medicine, New York, USA.

Jul 12, 2010 *Essential role of mesolimbic dopamine neurons in susceptibility and resilience to social defeat stress.* Neuroscience Seminar, Cold Spring Harbor Laboratory, New York, USA.

Dec 15, 2010 *Mesolimbic dopamine neurons: potential target for depression treatment?* Seminar, Depression Club for Basic and Clinical Scientists, Departments of Neuroscience, Psychiatry and Neurology, Mount Sinai School of Medicine, New York, USA.

Jan 31, 2011 *I_h and K^+ channels as potential drug targets for depression treatment.* Speaker, Johnson & Johnson – Mount Sinai Alliance, Mount Sinai School of Medicine, New York, USA.

Sep 10, 2011 *"Active antidepressant": the potential use of KCNQ potentiators for depression treatment.* Speaker, 17th Annual Music Festival for Mental Health. Napa Valley, California, USA.

Nov 10, 2011 *Optogenetic mechanisms to define new targets in depression.* Speaker in the Panel Session: "Emerging non-monoaminergic targets in depression". Anxiety and Depression: 21st Neuropharmacology Conference, Tysons Corner, Virginia, USA.

Apr 22, 2012 *Optogenetic identification of pathogenic mechanisms and therapeutic targets.* Departmental Retreat, Department of Pharmacology and Systems Therapeutics, Mount Sinai School of Medicine, New York, USA.

May 28, 2012 *Optogenetic characterization of pathogenic mechanisms and therapeutic targets for depression treatment.* Seminar, Institute of Life Sciences, Southern Medical University School of Basic Medicine, Guangzhou, China.

Aug 11, 2012 *Resilience: the more things change, the more they stay the same.* Seminar, The Chinese Association for Science and Technology in Connecticut (CAST-CT), Yale University School of Medicine, Connecticut, USA.

Dec 05, 2012 *Mechanisms underlying the resilience to severe social stress and the role of ventral tegmental area (VTA).* Speaker in the Panel Session: "Molecular and cellular mechanisms underlying resilience in mood and other social-psychological stress-related disorders – new avenue for novel therapeutics?" 51st ACNP Annual Meeting in Hollywood, Florida, USA.

May 02, 2013 *Pathway-specific dissection of neural circuits underlying depression-related behaviors*. Speaker in the Session: "Optogenetics in neurological diseases & behaviors". OPTOGENETICS – 2013 Meeting on Neuronal Function to Mapping & Disease Therapeutics in Boston, Massachusetts, USA.

May 07, 2013 *Dopamine circuit mechanisms underlying social stress-induced depression.* Neuroscience Seminar, Department of Neuroscience and Physiology, Upstate Medical University, State University of New York, New York, USA.

Sep 17, 2013 *VTA dopamine system and depression*. Speaker, Banbury Center Conference, Cold Spring Harbor Laboratory, New York, USA.

Oct 24, 2013 *Role of the midbrain dopamine circuits in controlling depression-related behaviors*. Seminar, Department of Pharmacology, the University of Montreal, Canada.

Dec 17, 2013 *Circuit mechanisms underlying behavioral responses to social defeat stress*. Seminar, Department of Pharmacology, Hebei Medical University, Shijiazhuang, China.

Dec 24, 2013 *Functional diversity of midbrain dopamine neurons in a depression model.* Seminar, Institute of Life Sciences, Southern Medical University, Guangzhou, China.

Jan 26, 2014 *Promoting the resilience mechanism as an antidepressant.* Speaker in the Panel Session: "Mechanisms which may mediate depression". 2014 Winter Conference on Brain Research. January 25-30, 2014; Steamboat Springs, Colorado, USA.

Feb 06, 2014 *Control of midbrain dopamine neurons for depression treatment*. Seminar, The Medical Scientist Training Program, New York University, New York, USA.

Feb 12, 2014 *Role of midbrain dopamine neurons mediates stress susceptibility and resilience*. Seminar, Department of Pharmacology, University of Texas Health Science Center at San Antonio, San Antonio, Texas, USA.

Mar 17, 2014 *Role of the midbrain dopamine neurons in mediating depression-related behaviors*. Seminar, Department of Anesthesiology, The State University of New Jersey New Jersey Medical School, Newark, New Jersey, USA.

May 07, 2014 *Role of CRF in gating BDNF signaling in the brain's mesolimbic reward circuit*. Speaker in the Symposium: "Using optogenetics to better understand the neurobiology of mood disorders". Annual Meeting of American Psychiatry Association (APA). May 3-7, 2014; New York, USA.

May 09, 2014 *Neuronal plasticity of midbrain dopamine neurons underlies low and high alcohol drinking behaviors*. Speaker in the Symposium: "Brain reward and stress systems in excessive alcohol drinking". Alcoholism and Stress: A Framework for Future Treatment Strategies. May 6-9, 2014; Volterra, Italy.

Jul 07, 2014 *Homeostatic plasticity of midbrain dopamine neurons underlies behavioral resilience to social stress.* Speaker in the Symposium: "Ramping up resilience – from (epi)genetic to optogenetic and imaging". 9th FENS Forum of Neuroscience. July 5-9, 2014; Milan, Italy.

Sep 05, 2014 *Cellular and circuitry mechanisms underlying susceptibility and resilience to social defeat stress*. Seminar, Center for Pain Medicine, Beijing University School of Medicine, Beijing, China.

Sep 12, 2014 *"Active" antidepressant: KCNQ channel openers are potential resilience-promoting medications*. Seminar, Institute of Life Sciences, Southern Medical University, Guangzhou, China.

Sep 18, 2014 *Neurophysiological mechanisms of susceptibility and resilience to social stress*. Seminar, The Jiangsu Province Key Laboratory of Anesthesiology, Xuzhou Medical College, Xuzhou, China.

Sep 25, 2014 *Role of midbrain dopamine neurons in mediating variable alcohol drinking behaviors*. Seminar, TAMIN Seminar Series, Department of Psychology and Institute for Neuroscience, Texas A&M University, University Station, Texas, USA.

Oct 22, 2014 *Cellular and circuitry mechanisms underlying behavioral resilience to social stress*. Neuroscience Seminar, the Neuroscience Program, HUCK Institutes of the Life Sciences, Penn State University, University Park, Pennsylvania, USA.

Dec 07, 2014 *A novel depression treatment targeting the active ionic mechanisms of natural resilience*. Speaker in Hot Topics Session, 53rd ACNP Annual Meeting. December 7-11, 2014; Phoenix, Arizona, USA.

Mar 25, 2015 *"Active" antidepressant: KCNQ channel openers reverse depressive symptoms via an active resilience mechanism*. Seminar, Department of Psychiatry, Tenth People's Hospital of Tongji University, Shanghai, China.

Mar 26, 2015 *Neural circuit mechanisms of susceptibility and resilience to social stress*. Seminar, Institute of Neuroscience (ION), Shanghai, China.

Mar 27, 2015 *Neural circuit basis of behavioral susceptibility and resilience to social stress*. Seminar, State Key Laboratory of Medical Neurobiology, Institutes of Brain Science, Fudan University, Shanghai, China.

Mar 28, 2015 *Neural circuit mechanisms of susceptibility to depression*. Speaker in the Panel Session: "Neurobiological mechanisms underlying cognition-related diseases". 2nd Drum Tower International Neuroscience Symposium: From Basic Research to Translational Medicine. March 27-29, 2015; Xuzhou, China.

Mar 30, 2015 *Contributions of lateral habenula and locus coeruleus to susceptibility and resilience to social stress*. Seminar, The Jiangsu Province Key Laboratory of Anesthesiology, Xuzhou Medical College, Xuzhou, China

May 06, 2015 *Neural circuit basis of resilience to social stress*. Seminar, Department of Neurobiology and Anatomy, Drexel University, Philadelphia, Pennsylvania, USA.

Sep 17, 2015 *New antidepressant: KCNQ channel opener retigabine reverses depressive symptoms via an active resilience mechanism*. Seminar, Department of Rehabilitation Medicine, Haikou People's Hospital, Haikou, China.

Sep 23, 2015 *Role of locus coeruleus circuit in mediating resilience to social stress*. Co-Chair and Speaker in the Symposium: "Molecular and Neural Circuit Basis of Mood Disorders". 6th FAONS Congress and 11th Biennial Conference of CNS. September 20-23, 2015; Wuzhen, China.

Sep 25, 2015 *Neural circuit mechanisms of susceptibility and resilience to social stress*. Seminar, Department of Pharmacology, Tongji Medical College, Huazhong University of Science and Technology (HUST), Wuhan, China.

Oct 01, 2015 *Neural circuit basis of susceptibility and resilience to social stress*. Seminar, Department of Physiology, Michigan State University, East Lansing, Michigan, USA.

Oct 25, 2015 *Resilience-promoting treatment for major depression: An emerging novel therapeutic strategy*. Speaker, The 4th Chinese Scientist Forum, Shanghai 10th People's Hospital of Tongji University, October 25, 2015; Shanghai, China.

Nov 01, 2015 *Dopamine circuit mechanisms of individual alcohol drinking behaviors*. Speaker in the Session: "Drug Addiction: from Molecules to Circuits", 3rd Annual Molecular Psychiatry Meeting. October 30-November 01, 2015; San Francisco, California, USA.

Mar 23, 2016 *Locus coeruleus-ventral tegmental area neural circuit mediates resilience to social defeat stress*. Seminar, Depression Club, Departments of Neurology, Neuroscience and Psychiatry, Icahn School of Medicine at Mount Sinai, New York, USA.

Apr 01, 2016 *Resilience Neuroscience: from the preclinical model to the patient*. Speaker, 213th Meeting of Interurban Clinical Club (ICC), April 01, 2016; New York, USA.

May 13, 2016 *Ion channel function and neuronal excitability in the dopamine circuit mediate vulnerability and resilience to stress*. Speaker in the Symposium: "Dopamine and Depression: Pathophysiology and Therapeutic Implications for Mood Disorders". 71st Annual Meeting of Society of Biological Psychiatry (SOBP). May 12-14, 2016; Atlanta, GA, USA.

May 26, 2016 *Neural circuit basis of individual alcohol drinking behaviors*. Seminar, National Institute on Alcohol Abuse and Alcoholism (NIAAA)/NIH, Rockville, Maryland, USA.

Jun 15, 2016 *Neurophysiological basis of resilience to social stress*. Speaker in the Annual Symposium: "Center for Integrative Molecular Neuroresilience". June 15, 2016; New York, New York, USA.

Jun 26, 2016 *Diverse responses of heterogeneous midbrain dopamine neurons to stress and alcohol*. Speaker in the Symposium: "The role of brain stress systems in the development and maintenance of alcohol use disorders". 39th Annual RSA Scientific Meeting (Research Society on Alcoholism). June 25-29, 2016; New Orleans, Louisiana, USA.

Jun 30, 2016 *Neurophysiological mechanisms of variable alcohol drinking behaviors*. Seminar, Department of Physiology, Louisiana State University Health Sciences Center, New Orleans, Louisiana, USA.

Jul 25, 2016 *Midbrain circuit regulation of individual alcohol drinking behaviors*. Seminar, The Jiangsu Province Key Laboratory of Anesthesiology, Xuzhou Medical University, Xuzhou, China.

Jul 27, 2016 *Neural circuit mechanisms of behavioral resilience to social stress*. Co-Chair and speaker in the Session: "Cognition, Learning and Behavior". 2016 Symposium for Chinese Neuroscientists Worldwide (2016 SCNW). July 25-29, 2016. Hefei, China.

Sep 28, 2016 *Norepinephrine-related mechanisms of resilience to social stress*. Keynote Lectures, 2nd International Symposium on Resilience Research. September 28-30, 2016, Mainz, Germany.

Oct 25, 2016 *Neural mechanisms of variable alcohol drinking behaviors*. Seminar, Department of Rehabilitation Medicine, Haikou People's Hospital, Haikou, China.

Oct 27, 2016 *Neural circuit mechanisms of susceptibility and resilience to social stress*. Seminar, Center for Translational Research, Southwestern University, Chongqing, China.

Nov 01, 2016 *Neural circuit mechanisms of variable alcohol drinking behaviors*. Seminar, International Psychiatry Forum, Department of Psychiatry, Tenth People's Hospital of Tongji University, Shanghai, China.

Nov 12, 2016 *Resilience science: from the preclinical model to the patients*. Seminar, 2016 NAMI-NYS Education Conference, November 11-13, 2016, Albany, New York, USA.

Nov 21, 2016 *Mechanisms of stress susceptibility and resilience in the brain's reward circuitry*. Brain Health Institute, Rutgers –the State University of New Jersey at New Brunswick and Newark campuses, New Jersey, USA.

Dec 12, 2016 *Neural circuit mechanisms of stress resilience: from the preclinical model to the patient*. Department of Neuroscience & Physiology, SUNY Upstate Medical Uinversity, Syracuse, New York, USA.

Feb 20, 2017 *Neural circuit mechanisms of susceptibility and resilience to social stress: from the preclinical model to the patient*. Seminar, Department of Psychiatry, University of Pittsburgh, Pittsburg, Pennsylvania, USA.

Feb 23, 2017 *Neural mechanisms of stress susceptibility and resilience: from the preclinical model to the patient*. Seminar, Sackler Institute Seminar Series, Sackler Institute for Developmental Psychobiology, Cornell University Weill Cornell Medicine, New York, USA.

Jun 06, 2017 *Neurophysiological basis of resilience to social stress*. Speaker, the 2nd Botanical Center Symposium, June 6, 2017. The New York Academy of Medicine, New York, USA.

Jul 06, 2017 *Neural circuit mechanisms of susceptibility and resilience to social stress: from the preclinical model to the patient*. Seminar, Department of Anatomy, Histology and Embryology, Shanghai Jiao Tong University School of Medicine, Shanghai, China.

Jul 07, 2017 *Resilience science: from the preclinical model to the patient*. Seminar, Institute of Brain Science, Fudan University School of Medicine, Shanghai, China.

Jul 18, 2017 *Midbrain circuit regulation of individual alcohol drinking behaviors*. Speaker, Neurobiology of Drug Addiction, Gordon Research Conference, July 16-21, 2017. Hong Kong, China.

Jul 24, 2017 *Neural circuit mechanisms of individual variations in response to stress and alcohol*. Seminar, Institute of Anesthesiology, Xuzhou Medical University, Xuzhou, China.

Nov 02, 2017 *Norepinephrine neural circuit mechanism of resilience to social stress*. Main Speaker, Frontiers in Interdisciplinary Neuroscience and Technology: Sensations and Emotions (FINT Conference), November 2-3, 2017. Hangzhou, China.

Nov 10, 2017 *Neural circuit mechanism of susceptibility and resilience to social stress*. Speaker, L&N and Prizmatix International Symposium on Neuromodulation of

Neural Circuits, November 10, 2017. The University of Virginia, Charlottesville, Virginia, USA.

Mar 16, 2018 *Resilience Science and Resilience-Based Drug Development*. Seminar, Southwest University College of Pharmaceutical Sciences and Chinese Medicine, Chongqing, China.

Mar 19, 2018 *Resilience Science: From the Preclinical Model to the Patient*. Seminar, Department of Neurology, Southern University Nanfang Hospital, Guangzhou, China.

Jul 06, 2018 *Roles and Regulations of Dopaminergic Pathways in Repeated Stress-Induced Emotional Changes*. Panel Speaker, 18th World Congress of Basic and Clinical Pharmacology, July 1-6, 2018. Kyoto, Japan.

Jul 09, 2018 *Norepinephrine Mechanisms of Resilience to Social Stress*. Symposium Speaker, the Cutting Edge on Basic and Translational Neuroscience, Kobe University, July 9, 2018. Kobe, Japan.

Jul 12, 2018 *Neural Circuit Mechanisms of Stress Resilience: From the Preclinical Model to the Patients*. Basic Medicine Forum, College of Basic Medicine, Southern Medical University, Guangzhou, China.

Jul 14, 2018 *The Mechanisms of Stress Resilience and Novel Therapeutic Strategy for Depression Treatment*. Seminar, College Graduates Summer Camp, Southwest University, Chongqing, China.

Aug 17, 2018 *Adrenergic Receptor-Mediated Mesolimbic Plasticity Confers Resilience to Social Stress*. Speaker, 2nd World Congress on Pharmacology & Toxicology, August 16-18, 2018. Rome, Italy.

Nov 22, 2018 *Neural Circuit Mechanisms of Resilience to Social Stress: From the Preclinical Model to the Patient.* Distinguished Neuroscientist Lectures (64) on Brain Sciences, IDG/McGovern Institute of Cognitive Brain Sciences, Beijing Normal University, Beihing, China.

Nov 23, 2018 *Neural Circuit Mechanisms of Depression and Resilience: From the Preclinical Model to the Patient*. Advanced Neuroscience Seminar Series (158), Capital Medical University, Beijing, China.

Nov 24, 2018 *Dopamine- and Norepinephrine-Mediated Circuit Mechanisms of Resilience to Social Stress*. Distinguished Speaker, International Symposium on Neural Circuit of Emotion and Memory, November 23-15, 2018. Xi'an, China.

Nov 27, 2018 *Neural Circuit Mechanisms of Resilience to Social Stress: From the Preclinical Model to the Patient*. Medical School Seminar Series, School of Basic Medicine, Tongji Medical College, Huazhong University of Science & Technology, Wuhan, China.

Feb 08, 2019 *HCN Channel Target for Novel Antidepressant Treatment: Translational Potential from the Preclinical Model to the Patient*. Speaker, 7th Annual Innovations in Psychiaty Symposium, Icahn School of Medicine at Mount Sinai, February 08, 2019. New York, NY, USA.

Feb 26, 2019 *Cellular and Neural Circuit Mechanisms of Depression and Resilience to Social Stress: From the Preclinical Model to the Patient*. Seminar, Department of Neuroscience, University of Connecticut Health Center (UConn Health). Farmington, CT, USA.

May 06, 2019 *Neural Circuit Basis and Norepinephrine Mechanisms of Resilience to Social Stress*. Seminar, Department of Biology, University of New York Abu Dhabi, Abu Dhabi, United Arab Emirates.

May 17, 2019 *Role of Norepinephrine-Mediated Mesolimbic Homeostatic Plasticity in Resilience to Social Stress*. Invited Symposium Speaker. Symposium: *Embracing Resilience in Psychopathololoty: Novel Theories, Brain Mechanisms and Research Applications*. 74th Annual Meeting of Society of Biological Psychiatry (SOBP), May 16-18, 2019. Chicago, IL, USA.

Sep 14, 2019 *Kv7 Channels in Stress Resilience: from the Preclinical Model to the Patient*. Speaker, International Kv7 Channels Symposium, September 12-14, 2019. Naples, Italy.

Sep 16, 2019 *Neurophysiology of Stress Resilience: Basic and Translational Research.* Seminar, the School of Advanced Studies, University of Camerino, Italy.

Oct 12, 2019 *Neural Circuit Mechanisms of Depression and Anxiety*. Invited Symposium Speaker. Symposium: *Advances in the Mechanisms of Stress-Related Psychiatric Disorders*. 13th Biennial Conference of Chinese Neuroscience Society (CNS 2019), October 10-13, 2019. Suzhou, Jiangsu Province, China.

Oct 25, 2019 *Dopamine Circuit Function in Depression and Anxiety*. Seminar, Faculty of Health Sciences, University of Macau, Macau, China.

MEET WITH SEMINAR SPEAKERS AND INTERVIEW FACULTY CANDIDATES

May 03, 2010 **Vidita Vaidya**, Ph.D., Professor, Department of Biological Sciences, Tata Institute of Fundamental Research, Mumbai, India.

May 20, 2010 **Robert Malenka**, Ph.D., Professor, Stanford Institute for Neuro-Innovation and Translational Neurosciences, Stanford University School of Medicine, Stanford, CA, USA.

Jun 24, 2010 **George Aghajanian**, M.D., Ph.D., Professor, Department of Psychiatry and Pharmacology, Yale University School of Medicine, New Haven, CT, USA.

Aug 09, 2010 **Susana Neves**, Ph.D., Faculty Candidate, Department of Pharmacology & Systems Therapeutics, Mount Sinai School of Medicine New York, USA. [Serve as a member of Faculty Search Committee]

Sep 28, 2010 **James Bradley Aimone**, Ph.D., Faculty Candidate, Laboratory of Genetics Neuroscience and Stem Cell Research, The Salk Institute for Biological Studies, La Jolla, CA, USA.

Oct 01, 2010 **Randy Blackely**, Ph.D., Director of Center for Molecular Neuroscience, Silvio O Conte Center for Neuroscience Research, Vanderbilt University, Nashville, TN, USA.

Oct 07, 2010 **Patrizio Blandina**, M.D., Professor, Department of Pharmacology, Dean of the School of Pharmacy, University of Florence, Italy.

Nov 09, 2010 **William A. Coetzee**, D.Sc., Professor, Department of Pediatrics, Physiology, Neuroscience and Pharmacology, New York University School of Medicine, New York, NY, USA.

Nov 30, 2010 **Amelia Eisch**, Ph.D., Associate Professor, Department of Psychiatry, University of Texas Southwestern Medical Center at Dallas, TX, USA.

Dec 02, 2010 **Pascal Kaeser**, Ph.D., Faculty Candidate, Postdoctoral Fellow, SINTN and Department of Molecular & Cellular Physiology, Stanford University, Stanford, CA, USA.

Dec 09, 2010 **Jacqueline F. McGinty**, Ph.D., Professor, Department of Neuroscience and Psychiatry & Behavioral Sciences, Medical University of South Carolina, Charleston, SC, USA.

Jan 10, 2011 **Karl Deisseroth**, M.D., Ph.D., Associate Professor, Departments of Bioengineering, Psychiatry and Behavioral Sciences, Stanford University, Stanford, CA, USA.

Feb 03, 2011 **Michael Greenberg**, Ph.D., Chair and Nathan Marsh Pusey Professor, Department of Neurobiology, Harvard Medical School, Harvard University, Boston, MA, USA.

Feb 17, 2011 **Ronald Duman**, Ph.D., Elizabeth Mears and House Jameson Professor of Psychiatry and Professor of Pharmacology; Director, Abraham Ribicoff Facilities; Yale University School of Medicine, New Haven, CT, USA.

Feb 28, 2011 **Shinya Kuroda**, M.D., Ph.D., Professor, Department of Biophysics and Biochemistry, University of Tokyo, Japan.

Mar 17, 2011 **Lisa Monteggia**, Ph.D., Associate Professor, Department of Psychiatry, University of Texas Southwestern Medical Center at Dallas, TX, USA.

Apr 21, 2011 **R. Christopher Pierce**, Ph.D., Associate Professor, Department of Psychiatry, Center for Neurobiology and Behavior, Translational Research Laboratory, University of Pennsylvania School of Medicine, Philadelphia, PA, USA.

Jun 23, 2011 **Marina E. Wolf**, Ph.D., Professor, Department of Neuroscience, Rosalind Franklin University of Medicine and Science, North Chicago, IL, USA.

Jun 27, 2011 **Venetia Zachariou**, Ph.D., Faculty Candidate, Associate Professor, Department of Pharmacology, University of Crete Faculty of Medicine, Greece.

Jul 06, 2011 **Paul A. Slesinger**, Ph.D., Faculty Candidate, Associate Professor, Peptide Biology Laboratories, Salk Institute for Biological Studies, La Jolla, CA, USA. [*On behalf of Neuroscience Search Committees, I coordinated and hosted Dr. Slesinger's visit to Mount Sinai School of Medicine*]

Jul 25, 2011 **Roger Clem**, Ph.D., Faculty Candidate, Postdoctoral Fellow, Department of Neuroscience, Howard Hughes Medical Institute, Johns Hopkins University School of Medicine, Baltimore, MD, USA.

Aug 03, 2011 **Pablo E. Castillo**, M.D., Ph.D., Faculty Candidate, Professor, Department of Neuroscience, Albert Einstein College of Mdicine, Bronx, NY, USA. [*On behalf of Neuroscience Search Committees, I coordinated and hosted Dr. Castillo's visit to Mount Sinai School of Medicine*]

Aug 03, 2011 **Weizhou Zhang**, Ph.D., Faculty Candidate, Postdoctoral Fellow, Department of Pharmacology, University of California, San Diego, CA, USA.

Aug 18, 2011 **Elizabeth Alli**, Ph.D., Faculty Candidate, Postdoctoral Scholar, Department of Mdicine – Oncology, Stanford University School of Medicine, Stanford, CA, USA.

Sep 7-8, 2011 **Billy T. Chen**, Ph.D., Faculty Candidate, Staff Scientist, Intramural Research Program, National Institute on Drug Abuse, Bethesda, MD, USA. [*On behalf of*

Neuroscience Search Committees, I coordinated and hosted Dr. Chen's visit to Mount Sinai School of Medicine]

Sep 13, 2011 **Camron D. Bryant**, Ph.D., Faculty Candidate, Research Associate, Department of Human Genetics, University of Chicago, IL, USA.

Sep 29, 2011 **Mary B. Kennedy**, Ph.D., Allen and Lenabelle Davis Professor, Division of Chemistry and Chemical Engineering & Division of Biology, California Institute of Technology, Pasadena, CA, USA.

Oct 17, 2011 **Arie Kaffman**, M.D., Ph.D., Assistant Professor, Department of Psychiatry, Yale University School of Medicine, New Haven, CT, USA.

Oct 20, 2011 **Charlie Chavkin**, Ph.D., Allan and Phyllis Treuer Professor; Director, Center for Drug Addiction Research, Department of Pharmacology, University of Washington, Seattle, WA, USA.

Nov 03, 2011 **Bernardo Sabatini,** M.D., Ph.D., Professor, Department of Neurobiology, Harvard Medical School, Boston, MA, USA.

Nov 12, 2011 **Joshua A. Gordon,** M.D., Ph.D., Assistant Professor, Department of Psychiatry, New York State Psychiatric Institute, Columbia University, New York, NY, USA.

Jan 11, 2012 **Ryohei Yasuda**, Ph.D., Faculty Candidate, Assistant Professor, Department of Neurobiology, Duke University Medical Center, Durham, NC, USA.

Jan 31, 2012 **Carol Barnes**, **John Gabrieli**, **Larry Swanson** and **Steve Warren**, Scientific Advisory Board Members for Friedman Brain Institute, Mount Sinai School of Medicine, New York, NY, USA.

Feb 01, 2012 **Brenda L. Bloodgood**, Ph.D., Faculty Candidate, Postdoctoral Fellow in Michael Greenberg lab, Department of Neurobiology, Harvard University School of Medicine, Boston, MA, USA.

Feb 09, 2012 **Marina Picciotto**, Ph.D., Charles B.G. Murphy Professor, Department of Psychiatry; Assistant Chair for Basic Science Research, Yale University School of Medicine, New Haven, CT, USA.

Feb 16, 2012 **Andrew Pieper**, M.D., Ph.D., Assistant Professor, Department of Psychiatry, University of Texas Southwestern Medical Center at Dallas, TX, USA.

Mar 01, 2012 **Kamran Khodakhah**, Ph.D., Professor, Department of Neuroscience, Albert Einstein College of Medicine, Bronx, NY, USA.

Mar 07, 2012 **Jason Shepherd**, Ph.D., Faculty Candidate, Howard Hughes Medical Institute, The Picower Institute for Learning and Memory, Massachusetts Institute of Technology, Cambridge, MA, USA.

Mar 15, 2012 **Tracy L. Bale**, Ph.D., Associate Professor, Director , Neuroscience Center, University of Pennsylvania School of Veterinary Medicine, Philadelphia, PA, USA.

Mar 20, 2012 **Alan Garfinkel**, Ph.D., Professor, Department of Integrative Biology and Physiology, University of California at Los Angeles, CA, USA.

Mar 22, 2012 **George Koob**, Ph.D., Committee Chairman, Committee On the Neurobiology of Addictive Disorders, The Scripps Research Institute at California Campus, La Jolla, CA, USA.

Mar 29, 2012 **Scott M. Sternson**, Ph.D., Janelia Farm Scientist, Janelia Farm Research Campus Group Leader, Howard Hughes Medical Institute, Ashburn, VA, USA.

Apr 03, 2012 **Anatol C. Kreitzer**, Ph.D., Assistant Professor, Gladstone Institute of Neurological Disease; Department of Physiology & Neurology, University of California at San Francisco, CA, USA.

Apr 12, 2012 **David Weinshenker**, Ph.D., Associate Professor, Department of Human Genetics, Emory University, Atlanta, GA, USA.

Apr 18, 2012 **Indika Rajapakse**, Ph.D., Faculty Candidate, Postdoctoral Fellow, Division of Basic Sciences and Biostatistics & Biomathematics, Public Health Sciences Fred Hutchinson Cancer Research Center, Seattle, WA, USA.

May 01, 2012 **W. Jonathan Lederer**, M.D., Ph.D., Acting Director, Center for Biomedical Engineering and Technology; Professor, Department of Physiology, University of Maryland, Baltimore, MD, USA.

May 03, 2012 **Rudiger Klai**, Ph.D., Director, Max-Planck-Institute of Neurobiology, Department of Molecular Neurobioloy, Munich-Martinsried, Germany.

May 04, 2012 **Avner Schlessinger**, Ph.D., Faculty Candidate, Postdoctoral Fellow, Department of Bioengineering & Therapeutic Sciences, University of California at San Francisco, CA, USA.

May 17, 2012 **Molly-Maureen Huntsman**, Ph.D., Principal Investigator, Children's Research Institute, Center for Neuroscience Research; Associate Professor, George Washington University, School of Medicine and Health Sciences, Washington DC, USA.

Jun 12, 2012 **Ines Ibanes-Tallon**, Ph.D., Group Leader at the Max-Delbruch-Center, Berlin, Germany; Visiting Associate Professor, Rockefeller University, New York, NY.

Jun 14, 2012 **Courtney Miller**, Ph.D., Assistant Professor, Metabolism & Aging and Neuroscince, The Scripps Research Institute, Jupiter, FL, USA.

Jun 21, 2012 **Paolo Vicini**, Ph.D., Research Fellow; **Scott Fountain**, Ph.D., Executive Director; Pfizer Worldwide R&D, San Diego, CA, USA.

Jul 11, 2012 **Volker A. Coenen**, M.D., Professor of Neurosergery; Head, Division of Steretaxy and MR-Based OR Techniques & Department of Neurosurgery, University Hospital Bonn, Germany;
Thomas E. Schlaepfer, M.D., Vice Chair and Professor of Psychiatry and Psychotherapy, University Hospital Bonn; Dean of Medical Education, University of Bonn, Germany; Associate Professor of Psychiatry and Mental Health, The Johns Hopkins University School of Medicine, Baltimore, MD, USA.

Jul 12, 2012 **Adrian Rothenfluh**, Ph.D., Assistant Professor, Department of Psychiatry, University of Texas Southwestern Medical Center at Dallas, TX, USA.

Jul 18, 2012 **Junghyup Suh**, Ph.D., Research Scientist, Tonegawa Laboratory, RIKEN-MIT Center for Neural Circuit Genetics, the Picower Institute for Learning and Memory, Massachusetts Institute of Technology, Cambridge, MA, USA.

Aug 16, 2012 **Henry Lester**, Ph.D., Bren Professor of Biology and Chemistry; Chair, Division of Biology, California Institute of Technology, Pasadena, CA, USA.

Oct 25, 2012	**Francis S. Y. Lee**, M.D., Ph.D., Professor of Pharmacology and Psychiatry, Vice Chair for Psychiatry Research, NY Presbyterian Hospital & Weill Cornell Medical College, New York, NY, USA.
Nov 13, 2012	**John B. Hogenesch**, Ph.D., Professor of Pharmacology, University of Pennsylvania School of Medicine, Philadelphia, PA, USA.
Nov 29, 2012	**Paul Kenny**, Ph.D., Associate Professor of Molecular Therapeutics and Neuroscience, the Scripps Research Institute, Jupiter, FL, USA.
Dec 11, 2012	**Feng Zhang**, Ph.D., Investigator, McGovern Institute for Brain Research; Assistant Professor of Brain and Cognitive Sciences, Massachusetts Institute of Technology, Cambridge, MA, USA.
Jan 24, 2013	**Chenghua Gu**, D.V.M, Ph.D., Assistant Professor of Neurobiology, Harvard Medical School, Boston, MA, USA.
Feb 01, 2013	**Peter Rudebeck**, Ph.D., Faculty Candidate, Research Fellow, National Institute of Mental Health, NIH, Bethesda, MD, USA.
Mar 07, 2013	**Avraham Yaron**, Ph.D., Senior Scientist, Weizman Institute of Science, Israel.
Mar 19, 2013	**Yaniv Ziv**, Ph.D., Faculty Candidate, Department of Biology, Clark Center Laboratories, Stanford University, Stardford, CA, USA.
Mar 28, 2013	**Gina Turrigiano**, Ph.D., Professor of Biology, Department of Biology, Brandeis University, Waltham, MA, USA.
Apr 11, 2013	**Tamas Horvath**, DVM, Ph.D., Jean & David Walace Professor of Comparative Medicine and Professor of Neurobiology and of Obstetrics & Gynecology; Chair, Section of Comparative Medicine, Yale University School of Medicine, New Haven, CT, USA.
Apr 18, 2013	**Farah Domonique Lubin**, Ph.D., Assistant Professor of Neurobiology, University of Alabama-Birmingham, AL, USA.
Apr 30, 2013	**Larry Young**, Ph.D., Professor of Psychiatry, Emory University School of Medicine, GA, USA.
May 13, 2013	**Gkogkas Christos**, Ph.D., Faculty Candidate, Postdoctoral Fellow, Department of Biochemistry, McGill University, Canada.
May 23, 2013	**Yaniv Ziv**, Ph.D., Faculty Candidate, Postdoctoral Fellow, Department of Biology, James H. Clark Center for Biomedical Engineering and Sciences, Sanford University, CA, USA.
May 23, 2013	**Bryan Roth**, M.D., Ph.D., Michael Hooker Distinguished Professor of Pharmacology, University of North Carolina School of Medicine at Chapel Hill, NC, USA.
Jun 5, 2013	**Jeffrey L. Noebels**, M.D., Ph.D., Professor of Molecular and Human Genetics, Baylor College of Medicine, TX, USA.
Jun 24, 2013	**Angelique Bordey**, Ph.D., Faculty Candidate, Professor, Departments of Neurosurgery, and Cellular & Molecular Physiology, Yale University School of Medicine, CT, USA.
Jul 16, 2013	**Stephan Lammel**, Ph.D., Faculty Candidate, Postdoctoral Scholar, Department of Psychiatry and Behavioral Sciences, Stanford University School of Medicine, CA, USA.

Aug 08, 2013	**Paul Kenny**, Ph.D., Chair Candidate, Associate Professor, the Scripps Research Institute, FL, USA.
Sep 09, 2013	**Tomoyuki Furuyashiki**, M.D., Ph.D., Associate Professor, Medical Innovation Center, Kyoto University Graduate School of Medicine, Kyoto, Japan.
Oct 01, 2013	**Brian Lee**, Ph.D., Postdoctoral Fellow, the Scripps Research Institute, FL, USA.
Oct 03, 2013	**Carrie K. Jones**, Ph.D., Director, Vivo and Translational Pharmacology, Vanderbilt Center for Neuroscience Drug Discovery; Assistant Professor of Pharmacology, Vanderbilt University School of Medicine, Nashville, TN, USA.
Oct 31, 2013	**Sarah A. Stanley**, M.D., Ph.D., Faculty Candidate, Research Associate, Department of Molecular Genetics, Rockefeller University, New York, NY, USA.
Jan 16, 2014	**Christoph Kellendonk**, Ph.D., Assistant Professor of Pharmacology in Psychiatry, Columbia University, New York, NY, USA.
Feb 21, 2014	**Klaus A. Miczek**, Professor of Psychology, Department of Psychology, Tufts University, Boston, MA, USA.
Apr 02, 2014	**Garret D. Stuber**, Ph.D., Assistant Professor, Department of Psychiatry, UNC Neuroscience Center, University of North Carolina, NC, USA.
Apr 02, 2014	**Michael R. Bruchas**, Ph.D., Faculty Candidate, Assistant Professor, Department of Anesthesiology and Anatomy/Neurobiology, University of Washington, MO, USA.
Apr 17, 2014	**Jose A. Moron-Concepcion**, Ph.D., Associate Professor, Department of Anesthesiology, Columbia University Medical Center, NY, USA.
Jul 24, 2014	**David J. Foster**, Ph.D., Faculty Candidate, Assistant Professor, Solomon H. Snyder Department of Neuroscience, The Johns Hopkins University School of Medicine, MD, USA.
Jul 28, 2014	**Emmanouil Karagiannis**, Ph.D., Faculty Candidate, Research Scientist, Synthetic Neurobiology Group, Medial Lab and McGovern Institute for Brain Research, Massachusetts Institute of Technology, Cambridge, MA, USA.
Aug 13, 2014	**Jochen Herms**, Ph.D., Chair for Translational Brain Research (W3), LMU, German Center for Neurodegenerative Diseases (DZNE), Munich, Germany.
Oct 09, 2014	**Laurie Burns**, Ph.D., Inscopix, Illuminating Life's Processes, Palo Alto, CA, USA.
Nov 03, 2014	**Michael Block Lazarus**, Ph.D., Faculty Candidate, Postdoctoral Research Fellow, Department of Cellular and Molecular Pharmacology, University of California San Francisco, CA, USA.
Nov 04, 2014	**Kirill A. Martemyanov**, Ph.D., Associate Professor, Department of Neuroscience, The Scripps Research Institute, Jupiter, FL, USA.
Nov 21, 2014	**C. Savio Chan**, Ph.D., Assistant Professor, Department of Physiology, Northwestern University Feinberg School of Medicine, Chicago, IL, USA.
Dec 02, 2014	**Nicole Avena**, Ph.D., Faculty Candidate, Assistant Professor, Department of Pharmacology and Systems Therapeutics, Icahn School of Medicine at Mount Sinai, New York, NY, USA.

Jan 21, 2015 **Allyson K. Friedman**, Ph.D., Faculty Candidate, Postdoctoral Fellow, Department of Pharmacology and Systems Therapeutics, Icahn School of Medicine at Mount Sinai, New York, NY, USA.

Feb 19, 2015 **Kay Tye**, Ph.D., Assistant Professor, Brain and Cognitive Sciences Picower Institute for Learning and Memory, Massachusetts Institute of Technology, Cambridge, MA, USA.

Feb 26, 2015 **Adam Kepecs**, Ph.D., Associate Professor, Cold Spring Harbor laboratory, Cold Spring Harbor, NY, USA.

Mar 13, 2015 **Alexander C.W. Smith**, Ph.D. Candidate, Department of Neurosciences, Medical University of South Carolina, Charleston, SC, USA.

Mar 05, 2015 **Marcelo Wood**, Ph.D., Chancellor's Fellow and Chair, Department of neurobiology and Behavior, University of California-Irvine, Center for the Neurobiology of Learning and Memory, Irvine, CA, USA.

Mar 18, 2015 **Matthew Banghart**, Ph.D., Faculty Candidate, Postdoctoral Fellow, Department of Neurobiology, Harvard Medical School, Cambridge, MA, USA.

Mar 19, 2015 **Emiliana Borrelli**, Ph.D., Professor of Microbiology, Molecular Genetics and Pharmacology, University of California-Irvine School of Medicine, Irvine, CA, USA.

Mar 23, 2015 **Vaishnav Krishnan**, M.D., Ph.D., Faculty Candidate, Clinical Fellow, Epilepsy and Electroencephalography, Postdoctoral Fellow, Laboratory of Matthew Anderson, Beth Israel Deaconess Medical Center, Harvard Medical School, Cambridge, MA, USA.

Apr 07, 2015 **Brett Benedetti**, Ph.D., Assistant Editor, *Nature Medicine*, New York, NY, USA.

Apr 07, 2015 **Daniel A. Bachovchin**, Ph.D., Faculty Candidate, Postdoctoral Research Fellow, The Broad Institute of MIT and Harvard, Cambridge, MA, USA.

Apr 09, 2015 **Mario A. Penzo**, Ph.D., Faculty Candidate, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, USA.

Apr 27, 2015 **Nancy R. Gough**, Ph.D., Editor, *Science Signaling*, American Association for the Advancement of Science, Washington, DC, USA.

Apr 28, 2015 **Moses V. Chao**, Ph.D., Professor, Departments of Cell Biology, Neuroscience and Psychiatry, Skirball Institute, New York University, New York, NY, USA.

May 05, 2015 **Deborah Schechtman**, Ph.D., Professor, Department of Biochemistry, Institute of Chemistry, University of Sao Paulo, Brazil.

May 21, 2015 **Hongjun Song**, Ph.D., Director, Stem Cell Program, Institute for Cell Engineering; Professor, Neurology and Neuroscience, Johns Hopkins School of Medicine, Baltimore, MD, USA.

May 26, 2015 **Lucy R. Forrest**, D.Phil., Investigator, Computational Structural Biology Unit, NIH-NINDS, Bethesda, MD, USA.

Jun 02, 2015 **Elyssa B. Margolis**, Ph.D., Assistant Professor, Department of Neurology, University of California, San Francisco, CA, USA.

Jun 05, 2015 **James R. Kozloski**, Ph.D., Research Staff Member, Master Inventor, IBM Research, T.J. Watson Laboratories, Computational Biology Center, Yorktown Heights, NY, USA.

Oct 08, 2015 **James Surmeier**, Ph.D., Chair and Professor, Department of Physiology, Northwestern University Feinberg School of Medicine. Chicago, IL, USA.

Nov 03, 2015 **Matthew Buczynski**, Ph.D., Research Associate, The Scripps Research Institute, La Jolla, CA, USA.

Nov 12, 2015 **Jane Wu**, M.D., Ph.D., Charles Louis Mix Professor of Neurology, Northwestern University Feinberg School of Medicine, Lurie Comprehensive Cancer Center, Center for Genetic Medicine, Chicago, IL, USA.

Nov 17, 2015 **Avrama Kim Blackwell**, V.M.D., Ph.D., Professor, Department of Molecular Neuroscience, Krasnow Institute for Advanced Studies, George Mason University, Fairfax, VA, USA.

Dec 11, 2015 **Dana M. Small**, Ph.D., Fellow and Deputy Director, The John B. Pierce Laboratory Professor, Department of Psychiatry, Yale Medical School of Medicine; Professor, Department of Psychology, Yale University, New Haven, CT; Visiting Profersso, University of Cologne, Albertus-Magnus-Platz, Kuln, Germany.

Dec 17, 2015 **Gustavo Turecki**, M.D., Ph.D., Chair and Professor, Department of Psychiatry, McGill University; Director, McGill Group for Suicide Studies; Co-Director, Douglas – Bell Canada Brain Bank, Douglas Institute, Montreal, Canada.

Jan 14, 2016 **Paul Glimcher**, Ph.D., Julius Silver Professor of Neural Science, New York University, New York, NY, USA.

Feb 04, 2016 **Margaret McCarthy**, Ph.D., Professor and Chair, Department of Pharmacology, Department of Physiology and Psychiatry, University of Maryland School of Medicine, Baltimore, MD, USA.

Feb 18, 2016 **Alcino J. Silva**, Ph.D., UCLA Distinguished Professor, Integrative Center for Learning & Memory, University of California at Los Angeles, CA, USA.

Feb 24, 2016 **Michael Krashes**, Ph.D., Investigator, Diabetes, Endocrinology and Obesity Branch, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, Bethesda, MD, USA.

Mar 10, 2016 **Mario Andres Blanco**, Ph.D., Postdoctoral Fellow, Special Fellow of the Leukemia & Lymphomas Sciety, Department of Cell Biology, Harvard Medical School Division of Newborn Medicine, Boston Children's Hospital, Boston, MA, USA.

Apr 19, 2016 **Scott Edwards**, Ph.D., Assistant Professor, Department of Physiology, Louisiana State University Health Sciences Center, New Orleans, LA, USA.

Apr 22, 2016 **Annergret Falkner**, Ph.D., Postdoctoral Fellow, Dayu Lin Laboratory, Department of Psychiatry, Langone Medical Center, New York University, New York, NY, USA.

Jun 07, 2016 **Rachel Saunders-Pullman**, M.D., M.P.H., M.S., Associate Professor, Department of Neurology, Icahn School of Medicine at Mount Sinai, New York, NY, USA.

Sep 20, 2016 **Kunal Ghosh**, Ph.D., Founder & CEO, Inscopix, Palo Alto, CA, USA.

Oct 07, 2016 **Abigail Polter**, Ph.D., Postdoctoral Research Associate, Julie Kauer Laboratory, Department of Molecular Pharmacology, Physiology & Biotechnology, Brown University, Providence, RI, USA.

Nov 30, 2016	**Jonathan D. Hommel**, Ph.D., Assistant Professor, Department of Pharmacology & Toxicology, The University of Texas Medical Branch, Galveston, TX, USA.
Dec 01, 2016	**Cecilia Flores**, Ph.D., Associate Professor, Department of Psychiatry, McGill University, Montreal, Canada.
Jan 05, 2017	**David Christini**, Ph.D., Professor, Department of Medicine (Cardiology), Weill Cornel Medical College, Cornel University, New York, NY, USA.
Jan 05, 2017	**Richard L. Huganir**, Ph.D., Professor, Department of Neuroscience; Director, Kavli Neuroscience Discovery Institute; Co-Director, Brain Science Institute, The Johns Hopkins University School of Medicine, Baltimore, MA, USA.
Jan 06, 2017	**Laurel Morris**, M.Sc., Ph.D. candidate, University of Cambridge, London, UK.
Jan 09, 2017	**Julia Christine Lemos**, Ph.D., Postdoctoral Research Associate Fellow, National Institute of General Medicine, National Institute on Alcohol Abuse & Alcoholism, Rockville, MA, USA.
Jan 24, 2017	**Jones Parker**, Ph.D. Research Associate, Faculty candidate, Department of Biology, Stanford University, Stanford, CA, USA.
Jan 31, 2017	**Lucas L. Sjulson**, M.D./Ph.D., Research Assistant Professor, Department of Psychiatry, Neuroscience and Physiology, New York University, New York, NY, USA.
Feb 22, 2017	**Steve Chang**, Ph.D., Department of Psychiatry, Yale University School of Medicine, New Haven, CT, USA.
Feb 27, 2017	**Kevin T. Beier**, Ph.D., Faculty Candidate, Instructor, Department of Biology/Psychiatry and Behavioral Sciences, Stanford University, Stanford, CA, USA.
Mar 03, 2017	**Xiaojing Ye**, Ph.D., Psychiatry Research Track Residence Candidate, Center for Neural Sciences, New York University, New York, NY, USA.
Mar 09, 2017	**Edward B. Ziff**, Ph.D., Department of Biochemistry and Molecular Pharmacology, New York University School of Medicine, New York, NY, USA.
Mar 28, 2017	**Lisa Monteggia**, Ph.D., Professor, Department of Neuroscience, UT Southwestern Medical Center at Dallas, Dallas, TX, USA.
Apr 06, 2017	**Jones Parker**, Ph.D., Research Associate, Department of Biology, Stanford University, Stanford, CA, USA.
Apr 13, 2017	**Alexxai V. Kravitz**, Ph.D., Investigator, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, MD, USA.
May 03, 2017	**Helen S. Mayberg**, M.D., Professor, Department of Psychiatry, Neurology and Radiology, Emory University School of Medicine, Atlanta, GA, USA.
May 04, 2017	**Angela J. Langdon**, Ph.D., Faculty Candidate, Postdoctoral Research Associate, Princeton Neuroscience Institute & Department of Psychiatry, Princeton University, Princeton, NJ, USA.
May 04, 2017	**Irene Morganstern**, Ph.D., Principal Scientist, Behavioral Pharmacology, Psychogenics Inc., Tarrytown, NY, USA.
May 05, 2017	**George Koob**, Ph.D., Director, National Institute on Alcohol Abuse and Alcoholism (NIAAA), Rockville, MD, USA.

May 11, 2017 **Liqun Luo**, Ph.D., Ann and Bill Swindells Professor in the School of Humanities and Sciences, Investigator of the HHMI; Professor of Neurology, Stanford University School of Medicine, Stanford, CA, USA.

Jun 01, 2017 **Colleen McClung**, Ph.D., Associate Professor of Psychiatry and Clinical and Translational Science, University of Pittsburgh School of Medicine, Pittsburgh, PA.

Jun 23, 2017 **Luca Mazzucato**, Ph.D., Research Assistant Professor, Department of Neurobiology and Behavior, Stony Brook University, New York, NY, USA.

Sep 28, 2017 **Matt Carter**, Ph.D., Assistant Professor of Biology, Williams College, Williams Town, MA, USA.

Sep 28, 2017 **Megan Williams**, Ph.D., Assistant Professor of Neurobiology and Anatomy, University of Utah, Salt Lake City, UT, USA.

Nov 21, 2017 **Kevin Da Silva**, Ph.D., Chief Editor, *Nature Neuroscience*, New York, NY, USA.

Nov 30, 2017 **David Morilak**, Ph.D., Professor of Pharmacology, Center for Biomedical Neuroscience Director, UT at San Antonio, TX, USA.

Nov 30, 2017 **Todd D. Gould**, M.D., Associate Professor, Department of Psychiatry, University of Maryland School of Medicine, Baltimore, MD, USA.

Dec 14, 2017 **Chitra Mondyam**, Ph.D., Assistant Professor, University of California San Diego (UCSD), Committee on the Neurobiology Addictive Disorders, San Diego, CA, USA.

Feb 02, 2018 **Jeremie Barral**, Ph.D., Department of Neuroscience, New York University, New York, NY, USA.

Feb 08, 2018 **Geoffrey Schoenbaum**, M.D./Ph.D., Chief, Behavioral Neurophysiology Neuroscience Section, National Institute on Drug Addiction, Rockville, MD, USA.

Feb 09, 2018 **James Otis**, Ph.D., Faculty Candidate, Postdoctoral Fellow – Garret Stuber Lab, University of North Carolina at Chapel Hill, NC, USA.

Feb 12, 2018 **Simone Sidoli**, Ph.D., Faculty Candidate, Postdoctoral Fellow, Department of Biochemistry and Biophysics, University of Pennsylvania, Philadelphia, PA, USA.

Feb 22, 2018 **Nigel Bunnett**, Ph.D., Professor, Department of Surgery and Pharmacology, Columbia University, New York, NY, USA.

Feb 27, 2018 **Joanna Spencer-Segal**, M.D./Ph.D., Faculty Candidate. Clinical Lecturer, Michigan Medicine, University of Michigan, Ann Arbor, MI, USA.

Mar 01, 2018 **Ben Arenkiel**, Ph.D., Associate Professor, Department of Molecular & Human Genetics, Baylor College of Medicine, Houston, TX, USA.

Mar 30, 2018 **Zhuhao Wu**, Ph.D., Faculty Candidate, Postdoctoral Fellow in Mark Tessier-Lavigne's Laboratory, Rockefeller University, New York, NY, USA.

Apr 12, 2018 **Andrew Tapper**, Ph.D., Professor, Department of Neurobiology, Director, Brudnick Neuropsychiatric Research Institute, University of Massachusetts Medical School, Worcester, MA, USA.

Apr 18, 2018 **Ki A. Goosens**, Ph.D., Faculty Candidate, Postdoctoral Fellow in Robert Sapolsky's lab, Stanford University, Stanford, CA, USA.

Apr 19, 2018 **Yan Dong**, Ph.D., Professor, Department of Neurobiology and Center for Neuroscience, University of Pittsburgh, Pittsburgh, PA, USA.

May 03, 2018 **Mario Penzo**, Ph.D., Chief, Unit on the Neurobiology of Affective Memory, NIMH, Bethesda, MD, USA.

May 07, 2018 **Christine Gall**, Ph.D., Professor and Chair, Department of Anatomy & Neurobiology, University of California Irvine, Irvine, CA, USA.

May 09, 2018 **Colleen McClung**, Ph.D., Professor of Psychiatry and Associate Professor of Clinical & Translational Science, University of Pittsburgh, Pittsburgh, PA, USA.

May 09, 2018 **Jian-Guo Chen**, M.D., Ph.D., Vice President, Huazhong University of Science & Technology (HUST); Dean, Tongji Medical College of HUST, Professor and Chair, Department of Pharmacology, Wuhan, China.

May 31, 2018 **Kafui Dzirasa**, M.D., Ph.D., K. Rnaga Rama Krshnan Associate Professor of Psychiatry and Behavioral Sciences, Duke University, Durham, NC, USA.

May 31, 2018 **Zhen Yan**, Ph.D., Professor, SUNY Distinguished Professor, Department of Physiology & Biophysics, State University of New York (SUNY) at Buffalo, NY, USA.

Jun 25, 2018 **Shane Gonen**, Ph.D., Faculty Candidate, Postdoctoral Fellow, Department of Biochemistry, University of California at San Diego, Howard Hughes Medical Institute, San Diego, CA, USA.

Sep 26, 2018 **Yoav Livneh**, Ph.D., Postdoctoral Fellow at labs of Brad Lowell and Mark Andermann, Beth Israel Deaconess Medical Center and Harvard Medical School, Cambridge, MA, USA.

Oct 09, 2018 **Alexander Friedman**, Ph.D., Faculty Candidate, Research Scientist, McGovern Institute for Brain Research, Massachusetts Institute of Technology, Cambridge, MA, USA.

Oct 22, 2018 **Or Shemesh**, Ph.D., Faculty Candidate, Postdoctoral Fellow at Ed Boyden's lab, Massachusetts Institute of Technology, Cambridge, MA, USA.

Nov 12, 2018 **Felix Leroy**, Ph.D., Faculty Candidate, Associate Research Scientist, Columbia University, New York, NY, USA.

Dec 06, 2018 **Thomas Kash**, Ph.D., John R. Andrews Distinguished Professor, Vice Chair for Faculty Development, Department of Pharmacology, University of North Carolina at Chapel Hill, NC, USA.

Dec 17, 2018 **Jason Christie**, Ph.D., Faculty Candidate, Max Planck Group Leader, Max Planck Florida Institute for Neuroscience, Jupiter, FL, USA.

Jan 17, 2019 **Daniel Johnston**, Ph.D., Professor, Department of Neuroscience; Director, College of Natural Sciences, the University of Texas at Austin, Austin, TX, USA.

Jan 29, 2019 **Matthew Lovett-Barron**, Ph.D., Faculty Candidate, Postdoctoral Research Fellow, Karl Deisseroth's Laboratory, Department of Bioengineering, Stanford University, Stanford, CA, USA.

Jan 30, 2019 **Jonathan Nicholas Flak**, Ph.D., Research Investigator, Department of Internal Medicine, University of Michigan, Ann Arbor, MI, USA.

Feb 12, 2019 **Malavika Murugan**, Ph.D., Faculty Candidate, Postdoctoral Fellow, Princeton Neuroscience Institute, Princeton University, Preinceton, NJ, USA.

Apr 03, 2019 **Angela Roberts**, Ph.D., Professor, Department of Physiology, Development, and Neuroscience, University of Cambridge, Cambridge, UK.

Apr 10, 2019 **Viviana Gradinaru**, Ph.D., Professor of Neuroscience and Biological Engineering; Principal Investigator, Heritage Medical Research Institute; Director, Center for Molecular and Cellular Neuroscience; California Institute of Technology (Caltech), Pasadena, CA, USA.

Apr 18, 2019 **Jonathan Godbout**, Ph.D., Professor, Center for Brain and Spinal Cord Repair; Assistant Director for Basic Science, Institute for Behavioral Medicine Research; Faculty Director, Chronic Brain Injury, the Ohio State University, Columbus, OH, USA.

May 16, 2019 **Marina Picciotto**, Ph.D., Charles BG Murphy Professor, Department of Psychiatry, Neuroscience, and Pharmacology, Yale School of Medicine, Yale University, New Haven, CT, USA.

May 28, 2019 **Yi Gu**, Ph.D., Faculty Candidate, Postdoctoral Research Associate, Princeton Neuroscience Institute, Princeton Unversity, Princeton, NJ, USA.

Jun 13, 2019 **Ziv Williams**, M.D./Ph.D., Associate Professor, Department of Neurosurgery, Harvard Medical School, Harvard University, Boston, MA, USA.

Aug 06, 2019 **Dipesh Chaudhury**, Ph.D., Assistant Professor, Department of Biological Sciences, New York University—Abu Dhabi, Abu Dhabi, UAE.