

ASN 2016 Conference Agenda & Scientific Sessions

Click to view a specific day:

Saturday, 3/19

[Sunday, 3/20](#)

[Monday, 3/21](#)

[Tuesday, 3/22](#)

[Wednesday, 3/23](#)



= Meeting



= Ticketed Event with Lunch



= Ticketed Event

SATURDAY, MARCH 19

9:00 am - 6:00 pm



ASN Registration Desk Open

9:00 am - 12:00 pm



PMW01: Abcam Session & Networking Lunch

ASTROCYTE-NEURON NETWORKS REGULATE GLUTAMATE TO INFLUENCE BASAL GANGLIA OUTPUT PATHWAY



\$10 Workshop Fee (includes lunch) [More details](#)

Chair: [David Baker, PhD](#)

Keynote: [Alfonso Araque, PhD](#); University of Minnesota

Speakers: [Darwin Berg, PhD](#); University of California, San Diego

[Chris Dulla, PhD](#); Tufts University

12:00 pm - 5:00 pm



ASN Council Meeting I

1:00 pm - 3:00 pm



PMW02 - Allen Institute Symposium:

FROM SINGLE CELL TRANSCRIPTOMES TO FUNCTIONAL CIRCUITS: NEW FINDINGS FROM THE ALLEN INSTITUTE FOR BRAIN SCIENCE FRONTLINE



\$No Charge

[More details](#)

Chair: [Jane Roskams, PhD](#)

PMW02-01 - Mapping Cortical Areas in GCaMP6 Reporter Mice with Widefield Imaging

[Jack Waters, PhD](#)

PMW02-02 - Adult Cortical Cell Taxonomy by Single Cell Transcriptomics

[Bosiljka Tasic, PhD](#)

PMW02-03 - Mapping the Mouse Brain Mesoscale Cconnectome

[Julie Harris, PhD](#)

PMW02-04 - Human- and Primate-Specific Features of Neocortical Development, Structure and Function

[Ed Lein, PhD](#)

3:00 pm - 3:30 pm

Coffee Break

3:30 pm - 6:30 pm



**PMW03 - Allen Institute Workshop:
HANDS-ON WORKSHOP: NAVIGATING THE ALLEN BRAIN ATLAS
RESOURCES**



\$10 Workshop Fee

[More details](#)

Chair: [Jane Roskams, PhD](#)

Speaker: [Terri Gilbert, PhD](#)

4:00 pm - 5:30 pm

ASN Public Forum

7:00 pm - 9:00 pm

ASN President's Welcome Reception

SUNDAY, MARCH 20

7:00 am - 6:00 pm



ASN Registration Desk Open

8:15 am - 8:30 am

President's Welcome & Introductions

ASN President 2015 - 2017

New Member Recognition

Travel Awardees Recognition

8:30 am - 9:30 am

Presidential Lecture 01:

SAVING THE SYNAPSE: DEVELOPMENTAL CRITICAL PERIODS AND ALZHEIMER'S DISEASE



Chair: [Tika Benveniste, PhD](#)

[Carla J. Shatz, PhD - Stanford University](#)

9:15 am - 10:00 am

Coffee Break: View Posters & Visit Exhibits

10:00 am - 12:00 pm

Plenary Lecture PL01:

MECHANISMS REGULATING MAMMALIAN BRAIN DEVELOPMENT





Chair: [Bruce D. Carter, PhD](#) Co-Chair: [Carla J. Shatz, PhD](#)

PL01.01 - Cortical Interneuron Fate Determination
[Stewart A. Anderson, MD](#) - Children's Hospital of Philadelphia

PL01.02 - Epigenetic Regulation of Neuronal Connectivity in the Brain
[Azad Bonni, MD, PhD](#) - Washington University School of Medicine

PL01.03 - Control of Cortical Progenitor Potential by Shh Signaling
[Sam Pleasure, MD, PhD](#) - University of California San Francisco

PL01.04 - Chromatin Regulation of Neuronal Differentiation
[Anne West, MD, PhD](#) - Duke University

12:00 pm - 1:30 pm



Lunch with Plenary Speaker: Carla Shatz, PhD

Ticket Required (\$15) - Limited to 20 Student/Post Docs

12:00 pm - 1:30 pm



Student / Post Doc Luncheon Sponsored by **ASN NEURO**

Ticket Required - Limited to Students / Post Docs only

1:30 pm - 3:30 pm

S01 - Myelination: A Biological Process Driven by the Cytoskeleton



Chair: [Donna J. Osterhout, PhD](#) Co-Chair: [J. Bradley Zuchero, PhD](#)

S01.01 - Submembranous Cytoskeleton Stabilizes Specialized Membrane Domains at Nodes of Ranvier
[Keiichiro Susuki, PhD - Wright State University](#)

S01.02 - How Does the Actin Cytoskeleton Drive Myelin Wrapping?
[J. Bradley Zuchero, PhD - Stanford University](#)

S01.03 - A Glutamate Transporter-CaMKIIbeta Signaling Axis as a Regulator of Oligodendrocyte Morphogenesis and CNS Myelination
[Babette Fuss, PhD - Virginia Commonwealth University](#)

S01.04 - Fyn Signaling and the Cytoskeleton in Oligodendroglia
[Donna J. Osterhout, PhD - Upstate Medical University](#)

1:30 pm - 3:30 pm

S02 - Axon-Glia Interactions in Development and Disease



Chair: [Tara M. DeSilva, PhD](#) Co-Chair: [Marc R. Freeman, PhD](#)

S02.01 - Axon-Glia Interaction in Drosophila
[Marc R. Freeman, PhD – Howard Hughes Medical Institute](#)

S02.02 - Glial Development and Myelination in Zebrafish
[William Talbot, PhD – Stanford University](#)

S02.03 - Glutamatergic Signaling in Myelination and Demyelination in Rodent Models of Development and Disease
[Tara M. DeSilva, PhD - University of Alabama, Birmingham](#)

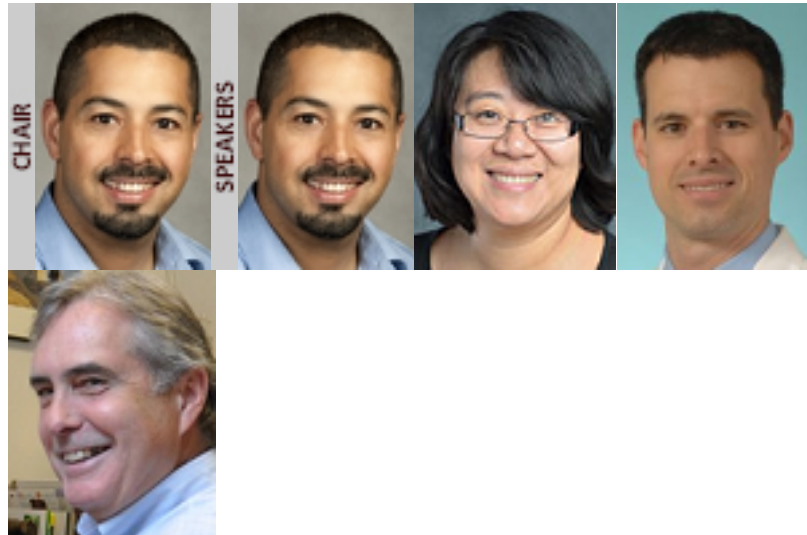
S02.04 - Mechanisms of Neuroglial Damage in Mouse Models of Multiple Sclerosis
[Martin Kerschensteiner, PhD - University of Munich](#)

3:30 pm - 4:00 pm

Coffee Break: View Posters & Visit Exhibits

4:00 pm - 5:30 pm

C01 - Keeping Time: Roles of Circadian Genes in the Formation & Repair of Neural Circuits



Chair: [Gregorio Valdez, PhD](#)

C01.01 - Roles of Clock Genes in Circuit Pruning and Repair

[Gregorio Valdez, PhD - Virginia Tech](#)

C01.02 - Targeting a Molecular Pathway in Intractable Pediatric Focal Epilepsy

[Judy Liu, MD, PhD - Children's National Health System](#)

C01.03 - Regulation of Neuronal Homeostasis by Clock Genes

[Eric Musiek, PhD – Washington University in St. Louis](#)

C01.04 - Glial Cell Regulation of Rhythmic Behavior

[F. Rob Jackson, PhD – Tufts University](#)

4:00 pm - 5:30 pm

C02 - Astrocytes as Excitation-Energy Coupling Hubs



Chair: [Robert Zorec, PhD](#) Co-Chair: [Arne Schousboe, DSc](#)

C02.01 - Noradrenaline and Aerobic Glycolysis in Astrocytes

[Gerald Dienel, PhD - University of Arkansas](#)

C02.02 - Regulation of Glycogen Breakdown in Astrocytes by Distinct GP Isoforms
[Helle Waagepetersen, PhD - University of Copenhagen](#)

C02.03 - Lactate Receptor Mediated Signaling
[Linda H. Bergersen, PhD - University of Copenhagen](#)

C02.04 - Adrenergic Control of Astrocyte Function
[Robert Zorec, PhD - University of Ljubljana, Slovenia](#)

4:00 pm - 5:30 pm

OR01 - Selected Poster Presentations

5:30 pm - 7:00 pm

Poster Session I - Authors Present

Wine & Cheese

7:00 pm - 10:00 pm



Neurochemical Research Editorial Board Dinner

7:30 pm - 10:00 pm



Student / Post Doc Mingle

Ticket Required - Limited to Students / Post Docs only

MONDAY, MARCH 21

7:00 am - 5:00 pm



ASN Registration Desk Open

8:15 am - 8:30 am

General Session - Opening Remarks

Jordi Folch-Pi Award Presentation

ASN NEURO Award Presentation

8:30 am - 9:30 am

Presidential Lecture 02:

REGULATION OF NEURAL-IMMUNE INTERACTIONS FOLLOWING CNS INJURY AND INFECTION



[Dorian McGavern, PhD - NIH / NINDS](#)

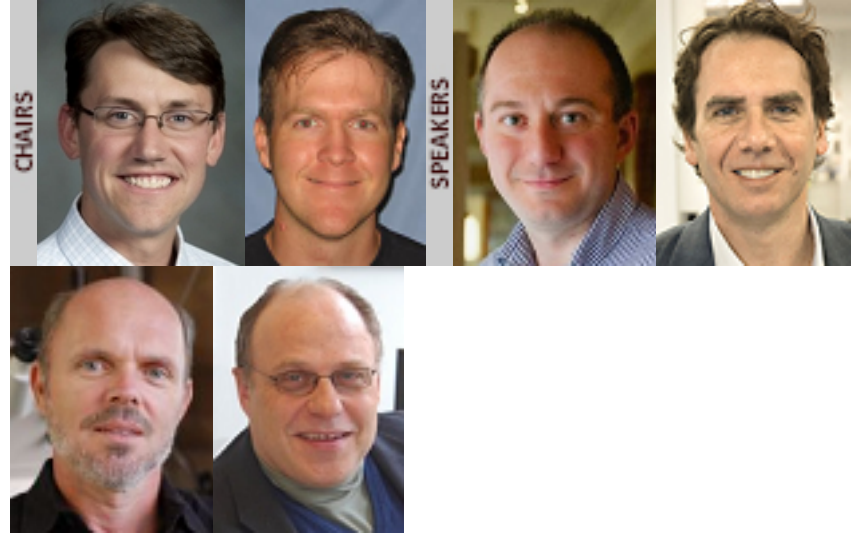
9:30 am - 10:00 am

Coffee Break: View Posters & Visit Exhibits

10:00 am - 12:00 pm

Plenary Lecture PL02:

FROM THE SYNAPSE TO THE BLOOD BRAIN BARRIER, GLIA'S UNIQUE ROLES IN BRAIN FUNCTION AND DYSFUNCTION



Chair: [Michael A. Fox, PhD](#) Co-Chair: [Dorian McGavern, PhD](#)

PL02.01 - *title tba*

[Brian K. Kaspar, Ohio State University](#)

PL02.02 - Astrocyte-endothelial Communication in Neuroinflammation

[Alexandre Prat, University of Montreal](#)

PL02.03 - Biological Adaptions of Malignant Glia

[Harald Sontheimer, Virginia Tech](#)

PL02.04 - Glia Targets for Cognitive Enhancement and the Treatment of Alzheimer's

Disease

[Philip Haydon, Tufts University](#)

12:00 pm - 1:30 pm



Women in Neurochemistry Lunch



Ticket Required (\$25 Faculty / \$15 Student)

Chair: [Marion S. Buckwalter, MD, PhD](#)

12:00 pm - 1:30 pm



Lunch with Plenary Speaker: Dorian McGavern, PhD
Ticket Required (\$15) - Limited to 20 Student/Post Docs

1:30 pm - 3:30 pm

S03 - Complement in CNS Health and Disease



Chair: [Robyn S. Klein, MD, PhD](#)

S03.01 - Repair from the Perspective of an Inflammatory Niche and the Complement Cascade

[Aileen Anderson, PhD – University of California, Irvine](#)

S03.02 - Complement Eliminates Specific Synapses in Health & Disease

[Beth Stevens, PhD – Harvard University](#)

S03.03 - Complement as a Modulator of Neurodegeneration in Alzheimer's Disease

[Andrea Tenner, PhD – University of California, Irvine](#)

S03.04 - Post-Infectious Cognitive Dysfunction and CNS Complement

[Robyn S. Klein, MD, PhD - Washington University, St. Louis](#)

1:30 pm - 3:30 pm

S04 - Astrocyte Heterogeneity: From Molecular Subtypes to Function and Pathology





Chair: [Michael B. Robinson, PhD](#)

S04.01 - Decoding Cellular and Functional Diversity of Astrocytes and their Malignant Analogues

[Benjamin Deneen, PhD - Baylor College of Medicine](#)

S04.02 - Astrocytes in Neural Circuit Formation and Function

[Anna Victoria Molofsky, MD, PhD - University of California, San Francisco](#)

S04.03 - Genetic Control of Morphogenesis and Function of Astrocytes in Drosophila

[Tobias Stork, PhD - University of Massachusetts](#)

S04.04 - Molecularly Defined Astrocyte Subpopulations in the Adult Brain Cortex and Spinal Cord

[Jeffrey D. Rothstein, MD, PhD - Johns Hopkins University](#)

3:30 pm - 4:00 pm

Coffee Break: View Posters & Visit Exhibits

4:00 pm - 5:30 pm

C03 - Neural Development and Regeneration



Chair: [Wenqin Luo, MD, PhD](#) Co-Chair: [Tracy Tran, PhD](#)

C03.01 - Floor Plate-Derived Neuropilin 2 Functions as a Secreted Semaphorin Sink to Facilitate Commissural Axon Midline Crossing

[Tracy S. Tran, PhD - Rutgers University](#)

C03.02 - Roof Plate Derived Radial Glia Like Cells Promote Ipsilateral

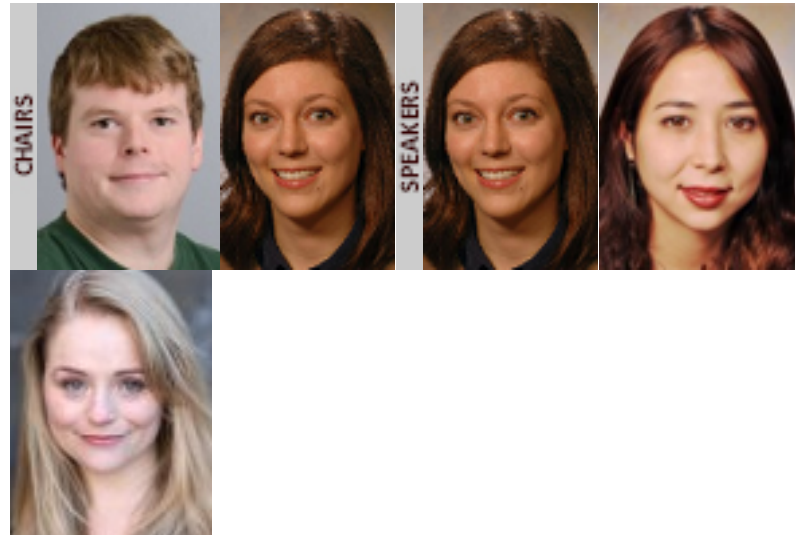
Longitudinal Axonal Growth of Dorsal Column Fibers
[Wenqin Luo, MD, PhD - University of Pennsylvania, Perelman School of Medicine](#)

C03.03 - Seeing is Believing: "Peripheral Nerve Regeneration in Zebrafish"
[Michael Granato, PhD - University of Pennsylvania, Perelman School of Medicine](#)

C03.04 - AKT Coordinates the Signaling of mTORC1 and mTORC2 To Promote CNS Axon Regeneration
[Yang Hu, MD, PhD - Lewis Katz School of Medicine at Temple University](#)

4:00 pm - 5:30 pm

C04 - Dissecting the Effects of Chronic Stressors on Glial Activation and Neurological Disorder in the CNS



Chair: [Justin Brooks, PhD](#) Co-Chair: [Yelena Grinberg, PhD](#)

C04.01 - Autoimmune Targeting of Astrocytes Results in Progressive Seizures
[Yelena Grinberg, PhD - University of California, Riverside](#)

C04.02 – Role of Exosomes in Promoting CNS Myelination/Remyelination
[Aya Pusic, PhD - University of Chicago](#)

C04.03 - CNS Effects of Drugs of Abuse in a Model of NeuroAIDS
[Christina Schier, PhD - Virginia Commonwealth University](#)

4:00 pm - 5:30 pm

C05 - Functions of Astroglia





Chair: [Joshua Burda, PhD](#) - *Marian Kies awardee*

C05.01 - Reactive Astrocytes and Synaptic Plasticity
[Giulia Tyzack, PhD](#) – [University of Cambridge](#)

C05.02 - Heterogeneity of Reactive Astrocytes
[Joshua Burda, PhD](#) - [University of California, Los Angeles](#)

C05.03 – Novel In Vitro Systems to Study Reactive Astrocytes
[Shane Liddelow, PhD](#) - [Stanford University](#)

C05.04 – Glial Phagocytic Functions in the Drosophila Brain
[Marc Freeman, PhD](#) – [University of Massachusetts](#)

5:45 pm - 8:00 pm



Young Investigators: Funding Opportunities & Mingle



Presentation followed by Pizza & Beer

5:30 pm - 7:30 pm



ASN Business Meeting - All Members Welcome!

TUESDAY, MARCH 22

7:00 am - 5:00 pm

ASN Registration Desk Open

8:15 am - 8:30 am

General Session - Opening Remarks

8:30 am - 9:30 am

**Presidential Lecture 03:
EPIGENETIC MECHANISMS IN MEMORY FUNCTION**



[J. David Sweatt, PhD - University of Alabama at Birmingham](#)

9:30 am - 10:00 am

Coffee Break: View Posters & Visit Exhibits

10:00 am - 12:00 pm

**Plenary Session PL03:
DOWN THE MEMORY LANE**



Chair: [Vlad Parpura, MD, PhD](#) Co-Chair: [J. David Sweatt, PhD](#)

PL03.01 - Mechanism of Rapid Antidepressant Effects
[Lisa Monteggia, PhD - UT Southwestern Medical Center](#)

PL03.02 - Active DNA Demethylation Regulates Neuronal Flexibility
[Hongjun Sun, PhD - Johns Hopkins Medical Institute](#)

PL03.03 - Novel Nucleobase Modifications Associated with Memory Formation
[Timothy Bredy, PhD - University of California, Irvine](#)

PL03.04 - Targets of Histone Acetylation Important for Memory Storage
[Ted Abel, PhD - University of Pennsylvania](#)

12:00 pm - 1:30 pm



Lunch with Plenary Speaker: David Sweatt, PhD

Ticket Required (\$15) - Limited to 20 Student/Post Docs

1:30 pm - 3:30 pm

S05 - Paradoxical Role of Interleukin-1beta in Central Nervous System

Pathology



Chair: [James Hewett, PhD](#)

S05.01 - Inflammasome Activation and IL-1 β Affect Neurodegeneration in Juvenile Batten Disease

[Tammy L. Kielian, PhD - University of Nebraska](#)

S05.02 - Bimodal Actions of IL-1 β in Stroke-Related Models

[Sandra Hewett, PhD - Syracuse University](#)

S05.03 - Sustained IL-1 β Over Expression Reduces Amyloid Plaques via Alternative Microglial Activation

[M. Kerry O'Banion, PhD - University of Rochester](#)

S05.04 - Endogenous Interleukin-1 β Suppresses Acute Epileptic Seizures and *Status Epilepticus*

[James Hewett, PhD - Syracuse University](#)

1:30 pm - 3:30 pm

S06 - Emerging Role of Glia in Neuronal Connectivity and Neurodegeneration





Chair: [Wenzhen Duan, MD, PhD - Johns Hopkins](#)

S06.01 - Neuronal-Oligodendrocyte Interactions Regulating CNS Function
[Wendy Macklin, MD, PhD - University of Colorado, Denver](#)

S06.02 - Astrocyte Calcium Signaling
[Baljit S. Khakh, PhD - University of California, Los Angeles](#)

S06.03 - NFkB and Complement Mediated Neuron-Glia Signaling in Neuronal Health and Alzheimer's Disease
[Hui Zheng, PhD - Baylor College of Medicine](#)

S06.04 - Dysmyelination in Huntington's Disease
[Wenzhen Duan, MD, PhD - Johns Hopkins](#)

3:30 pm - 4:00 pm

Coffee Break: View Posters & Visit Exhibits

4:00 pm - 5:30 pm

C06 - Dynamics of DNA Damage Responses, Brain Aging and Neurodegenerative Diseases



Chair: [Muralidhar Hegde, PhD](#) Co-Chair: [Sankar Mitra, PhD](#)

C06.01 - New Evidence for RNA/DNA Binding Proteins'-Mediated Genome Repair Defects in Motor Neuron Disease: Is Genome Damage/Repair Imbalance, a Common Basis?
[Muralidhar Hegde, PhD - Houston Methodist Research Institute](#)

C06.02 - Genomic Instability in Neurodegenerative/Neuropsychiatric Diseases:

Causes and Implications

[Cynthia McMurray, PhD - Lawrence Berkeley National Laboratory](#)

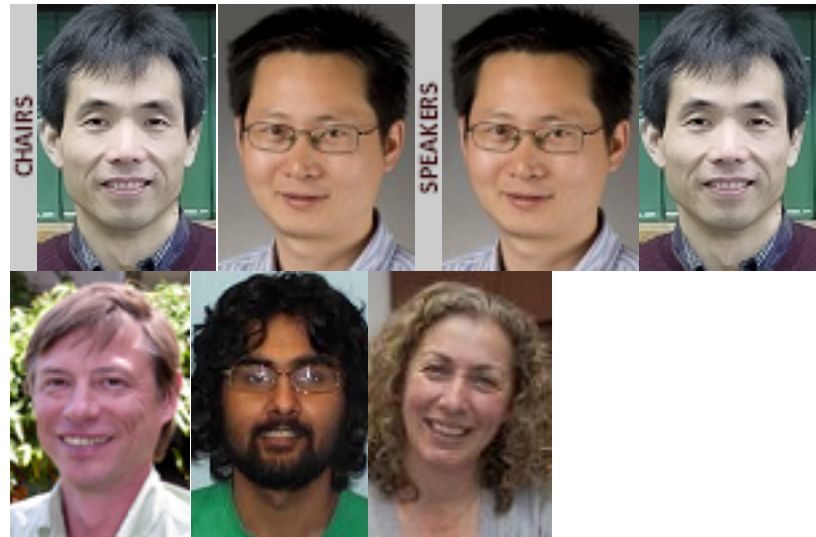
C06.03 - Cross-talk of Amyloids, Metal Toxicity and Genomic Instability in Aging and Neurological Diseases: Potential Preventive Role of Natural Products
[Jagannatha Rao, PhD - Institute for Scientific Research and Technology Services](#)

C06.04 -Excision Repair, Brain Aging & Age-Related Neurodegenerative Diseases
[Vilhelm Bohr, MD, PhD - Gerontology Research Center of the National Institutes of Health](#)

C06.05 - Diverse Implications of DDR in Proliferating Versus Non-Cycling Cells: Cross-Assimilation of Lessons Learned
[Sankar Mitra, PhD - Houston Methodist Research Institute](#)

4:00 pm - 5:30 pm

C07 - Glia-Neuron Interactions in CNS Injury



Chair: [Shinghua Ding, PhD](#) Co-Chair: [Long-Jun Wu, PhD](#)

C07.01 - Microglia-Neuron Communication in Epilepsy
[Long-Jun Wu, PhD - Rutgers University](#)

C07.02 - Window into the Injured Brain: Live Imaging of Brain Injury Depolarizations and Their Impact on the Neuronal and Astroglial Integrity
[Sergei Kirov, PhD - Georgia Regents University](#)

C07.03 - The Immune Response to CNS Injury is Orchestrated by Oligodendrocyte-Derived IL-33
[Sachin Gadani - University of Virginia](#)

C07.04 - Microglia, Neurogenesis and Stroke
[Stella E. Tsirka, PhD - Stony Brook University](#)

C07.05 - Role of Astrocytic GDNF in Neurogenesis and Brain Damage after Ischemic Stroke
[Shinghua Ding, PhD - University of Missouri](#)

4:00 pm - 5:30 pm

OR02 - Selected Poster Presentations

5:30 pm - 7:00 pm

Poster Session II - Authors Present
Wine & Cheese

WEDNESDAY, MARCH 23

7:00 am - 5:00 pm



ASN Registration Desk Open

8:15 am - 8:30 am

General Session - Opening Remarks

8:30 am - 9:30 am

Presidential Lecture 04:
DECONSTRUCTING SMELL



[Linda B. Buck, PhD - Fred Hutchinson Cancer Research Center](#)

9:30 am - 10:00 am

Coffee Break: View Posters & Visit Exhibits

10:00 am - 12:00 pm

Plenary Lecture PL04:
CELLULAR AND MOLECULAR MECHANISMS OF NEURODEGENERATION



Chair: [Bruce Appel, PhD](#) Co-Chair: [Linda B. Buck, PhD](#)

PL04.01 - Identification, Validation and Targeting of Human Molecular Networks Contributing to Neurodegeneration and Cognitive Decline
[Philip De Jager, MD, PhD - Harvard University](#)

PL04.02 - Human Neurodegenerative Disease: Insights from Drosophila
[Nancy M. Bonini, PhD - University of Pennsylvania](#)

PL04.03 - Regulation of CNS Inflammation
[Francisco J. Quintana, PhD - Harvard University](#)

PL04.04 - Dynamics of Autophagy in Neurons
[Erika L. F. Holzbaur, PhD - University of Pennsylvania](#)

12:00 pm - 1:30 pm



Lunch with a Plenary Speaker

Ticket Required (\$15) - Limited to 20 Student/Post Docs

1:30 pm - 3:30 pm

S07 - Enhancing Remyelination During Multiple Sclerosis



Chair: [Alban Gaultier, PhD](#) Co-Chair: [Benjamin Deneen, PhD](#)

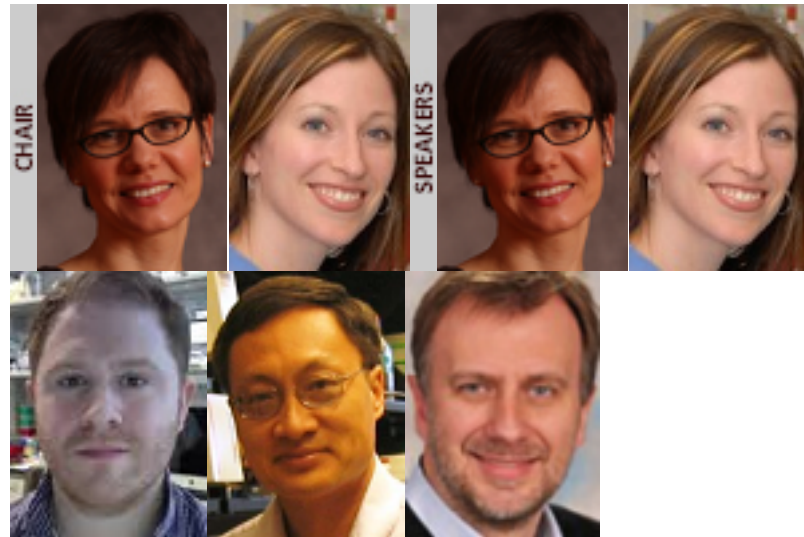
S07.01 - Glial Interactions Modulating Demyelination and Remyelination
[Robert Miller, PhD - George Washington University](#)

S07.02 - Developmental Gliogenesis: New Perspectives and Paradigms for Repairing the CNS
[Hyun-Kyoung Lee, PhD - Baylor College of Medicine](#)

S07.03 - LRP1 Function During Remyelination
[Alban Gaultier, PhD - University of Virginia](#)

S07.04 - In Vitro Generated Oligodendrocyte Progenitor Cells Provide a Platform for Discovery of Remyelinating Therapeutics
[Paul Tesar, PhD - Case Western Reserve University](#)

S08 - Mechanisms of Mutant C9ORF72 Pathogenesis in ALS and FTD



Chair: [Rita G. Sattler, MS, PhD](#) Co-Chair: [Tania Gendron, PhD](#)

S08.01 - Synaptic Dysfunction in C9ORF72 ALS and FTD
[Rita G. Sattler, MS, PhD - Barrow Neurological Institute](#)

S08.02 - Dipeptide Repeat Proteins in C9ORF72 Frontotemporal Dementia and Amyotrophic Lateral Sclerosis
[Tania Gendron, PhD - Mayo Clinic](#)

S08.03 - Nucleocytoplasmic Trafficking Deficits Underlie C9ORF72ALS/FTD Neural Injury
[Christopher Donnelly, PhD - University of Pittsburgh](#)

S08.04 - Insights from *Drosophila* and iPSC Models of C9ORF72 Repeat Expansion
[Fen-Biao Gao, PhD - University of Massachusetts](#)

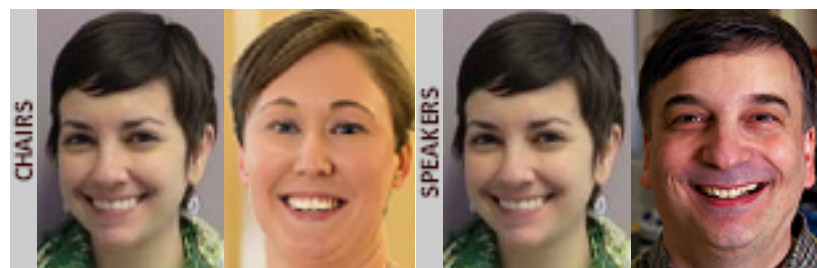
S08.05 - Mechanisms of Neurotoxicity Mediated by C9ORF72-linked Dipeptide Repeat Proteins
[Davide Trotti, PhD - Thomas Jefferson University](#)

3:30 pm - 4:00 pm

Coffee Break: View Posters & Visit Exhibits

4:00 pm - 5:30 pm

C08 - Non-Traditional Approaches to Study Glial Cell Biology





Chair: [Kelly Monk, PhD](#) Co-Chair: [Sarah Kucenas, PhD](#)

C-08.01 - Genetic Screens in Zebrafish Uncover New Regulators of Myelinating Glial

Cell Development

[Kelly Monk, PhD – Washington University of St. Louis](#)

C-08.02 - Glia Establish Structural and Functional Set Points in the Nervous System

[Shaia Shaham, PhD - Rockefeller University](#)

C-08.03 - Transcriptional Profiling of Drosophila Glia Responding to Injury

[Mary Logan, PhD - Oregon Health and Science University](#)

C-08.04 - Engineering Pseudo-Axonal Scaffolds for Myelination: Implications for Development, Disease and High Throughput Screening

[Jonah Chan, PhD - University of California, San Francisco](#)

C-08.05 - Peering Through the Looking Glass: The Role of Glial-Glial Interactions Across Transition Zones in Development and Disease

[Sarah Kucenas, PhD - University of Virginia](#)

C09 -Unmyelinated and Unappreciated: Novel Roles of Non-Myelinating Peripheral Glia



Chair: [Marion S. Buckwalter, MD, PhD](#) Co-Chair: [Brian D. Gulbransen, PhD](#)

C09.01 - Development and Function of Drosophila Wrapping Glia
[Megan Corty, BS - University of Massachusetts Medical School](#)

C09.02 - Regulation of Enteric Neural Networks by Enteric Glia in Health and Disease
[Brian Gulbransen, PhD - Michigan State University](#)

C09.03 - Enteric Glia Protect the Mucosal Barrier
[Tor Savidge, PhD - Baylor College of Medicine](#)

C09.04 - Dysfunctions of Enteric Glia in Gastrointestinal and Neurodegenerative Diseases
[Michel Neunlist, PhD - Université de Nantes, Inserm](#)

C09.05 - Pulmonary Glia
[Marion Buckwalter, MD PhD - Stanford Medical School](#)

C10 - Old Friends and New Roles: Brain Patterning and Signal Transduction



Chair: [Anthony P. Barnes, PhD](#)

C-10.01 - Clonal Analysis of Intercellular Signaling During the Neurogenic-to-Gliogenic Switch
[Troy Ghashghaei, PhD - North Carolina State University](#)

C-10.02 - JNK Signaling: A Molecular Compass for Migratory Cortical Interneurons
[Eric S. Tucker, PhD - West Virginia University](#)

C-10.03 - New Insight into NCL-Associated Proteins: Novel Regulators of Cargo Transport in Neurons
[Jill M. Weimer, PhD - Children's Health Research Center at Sanford Research](#)

C-10.04 - Endolysosomal Trafficking and Signaling During Brain Development
[Anthony Barnes, PhD - Oregon Health & Science University](#)

7:30 pm - 11:30 pm

ASN Closing Reception / Dinner / Dancing