

Shift 1, 8 July 2018, 09:30-13:00

Theme	Topic	Board No.
A. DEVELOPMENT	CNS patterning	A001-A014
	Stem cells: basic biology and postnatal neurogenesis - part I	A015-A033
	Development of neural systems: Molecular and genetic characterisation	A034-A040
	Epigenetic factors (hormones, nutrition, experience) - part I	A041-A049
B. EXCITABILITY / SYNAPTIC TRANSMISSION / NETWORK FUNCTION	Neurotransmitters and signalling molecules: GABA and glycine -part I	B001-B015
	Ligand gated ion channels: GABA receptors	B016-B031
	Ion channels: Potassium channels	B032-B041
	Synapses: Presynaptic structures - part I	B042-B055
	Synaptic plasticity: Structural plasticity	B056-B077
	Network interactions: Oscillations and synchrony - part I	B078-B098
	Intrinsic membrane properties - part I	B099-B107
C. DISORDERS OF THE NERVOUS SYSTEM	Alzheimer's disease and other dementias: Cellular dysfunction mechanisms - part I	C001-C022
	Alzheimer's disease and other dementias: Therapeutic strategies - part I	C023-C037
	Parkinson's disease: Animal models - part I	C040-C060
	Motor neuron and neuromuscular diseases - part I	C061-C074
	Developmental disorders - part I	C075-C085
	Ischemia:Systems	C086-C111
	Neuro-oncology	C112-C126
	Neuroinflammation -part I	C127-C140
	Psychiatric disorders: Affective disorders: Stress	C141-C158
	Psychiatric disorders: Autism, mental retardation, and related disorders - part I	C159-C182
	Psychiatric disorders: Addiction and drugs of abuse - part I	C183-C195
	Miscellaneous - part I	C196-C198
D. SENSORY AND MOTOR SYSTEMS	Multisensory - part I	D001-D018
	Vision: Subcortical pathways and striate cortex - part I	D019-D035
	Visuomotor processing - part I	D036-D049
	Pain: Opioids and other analgesics	D050-D058
	Tactile/somatosensory: Thalamus and Cortex - part I	D059-D069
	Motor neurons and muscle - part I	D070-D083
	Basal ganglia - part I	D084-D095
	Miscellaneous	D096-D097
E. SLEEP / AUTONOMIC AND NEUROENDOCRINE SYSTEMS	Stress and the brain: HPA axis	E001-E009
	Biological rhythms: Clocks	E010-E020
F. COGNITION AND BEHAVIOUR	Human studies: Emotion - part I	F001-F013
	Human studies: Working memory - part I	F014-F026
	Animal studies: Cognitive learning and memory systems - part I	F027-F046
	Animal studies: Fear and aversive learning and memory - part I	F047-F066
	Animal studies: Reward and Reinforcement - part I	F067-F086
	Animal studies: Electrophysiology and imaging - part I	F087-F108
	Animal cognition and behaviour: Neural circuit mechanisms - part I	F109-F128
G. COMPUTATIONAL NEUROSCIENCE	Network models - part I	G001-G010
H. NOVEL METHODS AND TECHNOLOGY DEVELOPMENT	Molecular and genetic techniques - part I	H001-H013
	Optogenetics	H014-H029

Shift 2, 8 July 2018, 14:00-17:30

Theme	Topic	Board No.
A. DEVELOPMENT	Neurogenesis and gliogenesis: Cell lineage and cell fate specification - part I	A001-A013
	Axon and dendrite development: Axon growth and guidance - part I	A014-A032
	Development of neural systems: Assembly of neural circuits - part I	A033-A044
B. EXCITABILITY / SYNAPTIC TRANSMISSION / NETWORK FUNCTION	Neurotransmitters and signalling molecules: Glutamate - part I	B001-B018
	Neurotransmitters and signalling molecules: Neurotrophins and other growth factors	B019-B039
	Neurotransmitter release - part I	B040-B055
	Synaptic plasticity: LTP and LTD mechanisms	B056-B079
	Network interactions: Oscillations and synchrony - part II	B080-B101
	Glia-neuron interactions: Cell biology and signalling - part I	B102-B111
C. DISORDERS OF THE NERVOUS SYSTEM	Alzheimer's disease and other dementias: APP and Abeta - part I	C001-C020
	Parkinson's disease: Mechanisms - part I	C021-C040
	Neurodegenerative diseases and ataxias	C041-C058
	Epilepsy - part I	C059-C081
	Ischemia: Cellular and molecular mechanisms - part I	C082-C103
	Demyelinating disorders - part I	C104-C124
	Neurotoxicity - part I	C125-C137
	Psychiatric disorders: Schizophrenia: Inflammation	C138-C145
	Psychiatric disorders: Schizophrenia: Mouse model - part I	C146-C155
	Psychiatric disorders: Affective disorders: Depression	C156-C167
	Psychiatric disorders: Addiction and drugs of abuse - part II	C168-C192
D. SENSORY AND MOTOR SYSTEMS	Chemical senses - part I	D001-D020
	Vision: Retina - part I	D021-D041
	Pain: Thalamic and cortical processing	D042-D053
	Pain: Somatic, muscle and visceral	D054-D065
	Tactile/somatosensory: Thalamus and Cortex - part II	D066-D076
	Basal ganglia - part II	D077-D087
	Sensory processing - Cell types and neural circuit mechanisms - part I	D088-D095
E. SLEEP / AUTONOMIC AND NEUROENDOCRINE SYSTEMS	Biological rhythms and sleep: Sleep: molecular, cellular, and pharmacology	E001-E012
	Brain blood flow, metabolism, and homeostasis	E013-E021
F. COGNITION AND BEHAVIOUR	Human studies: Learning and long-term memory - part I	F001-F013
	Human studies: Decision making and reasoning - part I	F014-F028
	Human studies: Social cognition	F029-F051
	Animal studies: Cognitive learning and memory systems - part II	F052-F068
	Animal studies: Associative, nonassociative, and skill learning	F070-F088
	Animal studies: Memory modulation, consolidation, and reconsolidation - part I	F089-F103
	Animal studies: Electrophysiology and imaging - part II	F104-F127
G. COMPUTATIONAL NEUROSCIENCE	Theory	G001-G014
H. NOVEL METHODS AND TECHNOLOGY DEVELOPMENT	Optical methods - part I	H001-H015
	Data analysis and software - part I	H016-H027

Shift 3, 9 July 2018, 09:30-13:00

Theme	Topic	Board No.
A. DEVELOPMENT	Neurogenesis and gliogenesis: Cell migration - part I	A001-A010
	Stem cells: basic biology and postnatal neurogenesis - part II	A011-A029
	Development of neural systems: Early Activity Patterns - part I	A030-A039
	Transplantation and Regeneration	A040-A049
B. EXCITABILITY / SYNAPTIC TRANSMISSION / NETWORK FUNCTION	Neurotransmitters and signalling molecules: Acetylcholine	B001-B013
	Neurotransmitters and signalling molecules: Endocannabinoids	B014-B025
	Ion channels: Sodium channels	B026-B036
	Synapses: Presynaptic structures - part II	B037-B056
	Synaptic plasticity: Neuromodulators	B057-B075
	Network interactions: Other - part I	B076-B097
	Glia-neuron interactions: Cell biology and signalling - part II	B098-B107
C. DISORDERS OF THE NERVOUS SYSTEM	Alzheimer's disease and other dementias: Cellular dysfunction mechanisms - part II	C001-C021
	Alzheimer's disease and other dementias: Therapeutic strategies - part II	C022-C041
	Parkinson's disease: Human studies and therapies	C042-C057
	ALS - part I	C058-C073
	Developmental disorders - part II	C074-C084
	Epilepsy - part II	C085-C102
	Trauma: Peripheral nerve	C103-C119
	Neuroinflammation -part II	C120-C135
	Neuroprotection - part I	C136-C153
	Psychiatric disorders: Affective disorders: Other	C154-C177
	Psychiatric disorders: Addiction and drugs of abuse - part III	C178-C195
	Miscellaneous - part II	C196-C197
D. SENSORY AND MOTOR SYSTEMS	Auditory - part I	D001-D016
	Vision: Subcortical pathways and striate cortex - part II	D017-D030
	Visuomotor processing -part II	D031-D045
	Pain: Neuropathic pain - part I	D046-D063
	Cerebellum - part I	D064-D081
	Sensory processing - Cell types and neural circuit mechanisms - part II	D082-D089
E. SLEEP / AUTONOMIC AND NEUROENDOCRINE SYSTEMS	Stress and the brain: Early life experience	E001-E006
	Biological rhythms and sleep: Sleep: activity, systems and behaviour - part I	E007-E027
F. COGNITION AND BEHAVIOUR	Human studies: Language	F001-F008
	Human studies: Working memory - part II	F009-F026
	Animal studies: Cognitive learning and memory systems - part III	F027-F042
	Animal studies: Fear and aversive learning and memory - part II	F043-F064
	Animal studies: Reward and Reinforcement - part II	F065-F084
	Animal studies: Pharmacology of learning and memory - part I	F085-F106
	Animal cognition and behaviour: Neural circuit mechanisms - part II	F107-F126
	Miscellaneous	F127
G. COMPUTATIONAL NEUROSCIENCE	Single cell models - part I	G001-G010
H. NOVEL METHODS AND TECHNOLOGY DEVELOPMENT	Molecular and genetic techniques - part II	H001-H009
	Electrophysiology - part I	H010-H023
	Miscellaneous	H024

Shift 4, 9 July 2018, 14:00-17:30

Theme	Topic	Board No.
A. DEVELOPMENT	Neurogenesis and gliogenesis: Cell lineage and cell fate specification - part II	A001-A013
	Synaptogenesis and activity-dependent development: Synapse formation	A014-A032
	Regeneration	A033-A043
B. EXCITABILITY / SYNAPTIC TRANSMISSION / NETWORK FUNCTION	Neurotransmitters and signalling molecules: Monoamines - part I	B001-B020
	Ligand gated ion channels: Glutamate	B021-B039
	Ion channels: Other	B040-B051
	Synapses: Other - part I	B052-B066
	Network interactions: Signal propagation	B067-B084
	Glia-neuron interactions: Synapses - part I	B085-B095
	Synaptic plasticity: Short-term plasticity	B096-B113
C. DISORDERS OF THE NERVOUS SYSTEM	Alzheimer's disease and other dementias: APP and Abeta - part II	C001-C020
	Alzheimer's disease and other dementias: Cellular dysfunction mechanisms - part III	C021-C041
	Huntington's disease	C042-C058
	Epilepsy - part III	C059-C078
	Ischemia: Cellular and molecular mechanisms - part II	C079-C100
	Trauma: Spinal cord injury and regeneration - part I	C101-C117
	Neuroinflammation -part III	C118-C136
	Psychiatric disorders: Affective disorders: Antidepressants	C137-C155
	Psychiatric disorders: Autism, mental retardation, and related disorders - part II	C156-C179
	Psychiatric disorders: Other - part I	C180-C195
D. SENSORY AND MOTOR SYSTEMS	Auditory - part II	D001-D016
	Multisensory - part II	D017-D029
	Visual cognition - part I	D030-D046
	Tactile/somatosensory: Peripheral receptors & brainstem	D047-D057
	Tactile/somatosensory: Thalamus and Cortex - part III	D058-D068
	Basal ganglia - part III	D069-D080
	Voluntary movements - part I	D081-D092
E. SLEEP / AUTONOMIC AND NEUROENDOCRINE SYSTEMS	Neuroendocrine: Cellular signalling	E001-E009
	Neuroendocrine: Behavioural neuroendocrinology	E010-E020
F. COGNITION AND BEHAVIOUR	Human studies: Learning and long-term memory - part II	F001-F011
	Human studies: Attention - part I	F012-F024
	Animal studies: Cognitive learning and memory systems - part IV	F025-F042
	Animal studies: Fear and aversive learning and memory - part III	F043-F065
	Animal studies: Memory modulation, consolidation, and reconsolidation - part II	F066-F083
	Animal studies: Electrophysiology and imaging - part III	F084-F110
	Animal cognition and behaviour: Neural circuit mechanisms - part III	F111-F130
G. COMPUTATIONAL NEUROSCIENCE	Network models - part II	G001-G012
H. NOVEL METHODS AND TECHNOLOGY DEVELOPMENT	Staining and tracing - part I	H001-H010
	Data analysis and software - part II	H011-H024

Shift 5, 10 July 2018, 09:30-13:00

Theme	Topic	Board No.
A. DEVELOPMENT	Neurogenesis and gliogenesis: Neuronal differentiation - part I	A001-A014
	Axon and dendrite development: Axon growth and guidance - part II	A015-A032
	Development of neural systems: Assembly of neural circuits - part II	A033-A044
B. EXCITABILITY / SYNAPTIC TRANSMISSION / NETWORK FUNCTION	Neurotransmitters and signalling molecules: Glutamate - part II	B001-B018
	Neurotransmitters and signalling molecules: Opiates and other neuropeptides	B019-B031
	Ion channels: Calcium channels	B032-B049
	Synapses: Other - part II	B050-B065
	Synaptic plasticity: Other	B066-B083
	Network interactions: Other - part II	B084-B103
	Intrinsic membrane properties - part II	B104-B112
C. DISORDERS OF THE NERVOUS SYSTEM	Alzheimer's disease and other dementias: Tau and other pathological proteins	C001-C024
	Parkinson's disease: Mechanisms - part II	C025-C040
	Parkinson's disease: Animal models - part II	C041-C060
	Motor neuron and neuromuscular diseases - part II	C062-C076
	Epilepsy - part IV	C077-C097
	Trauma: Brain	C098-C121
	Neurotoxicity - part II	C122-C134
	Psychiatric disorders: Schizophrenia: Antipsychotic	C135-C140
	Psychiatric disorders: Schizophrenia: Human	C141-C147
	Psychiatric disorders: Anxiety disorders	C148-C172
	Psychiatric disorders: Addiction and drugs of abuse - part IV	C173-C190
Miscellaneous - part III	C191-C193	
D. SENSORY AND MOTOR SYSTEMS	Chemical senses - part II	D001-D019
	Visual cognition - part II	D020-D039
	Pain: Spinal cord processing	D040-D051
	Rhythm and pattern generating circuits	D052-D070
	Voluntary movements - part II	D071-D082
	Sensory processing - Cell types and neural circuit mechanisms - part III	D083-D092
E. SLEEP / AUTONOMIC AND NEUROENDOCRINE SYSTEMS	Stress and the brain: neuroimmunology and modulated pathways	E001-E011
	Regulation of food intake and body weight	E012-E032
F. COGNITION AND BEHAVIOUR	Human studies: Learning and long-term memory - part III	F001-F011
	Human studies: Attention - part II	F012-F021
	Animal studies: Attention	F022-F036
	Animal studies: Cognitive learning and memory systems - part V	F037-F052
	Animal studies: Fear and aversive learning and memory - part IV	F053-F070
	Animal studies: Electrophysiology and imaging - part IV	F071-F091
	Animal cognition and behaviour: Neural circuit mechanisms - part IV	F092-F113
	Animals: Motivation and emotion - part I	F114-F130
G. COMPUTATIONAL NEUROSCIENCE	Network models - part III	G001-G012
H. NOVEL METHODS AND TECHNOLOGY DEVELOPMENT	Optical methods - part II	H001-H016

Shift 6, 10 July 2018, 14:00-17:30

Theme	Topic	Board No.
A. DEVELOPMENT	Neurogenesis and gliogenesis: Cell migration - part II	A001-A010
	Neurogenesis and gliogenesis: Glial differentiation	A011-A029
	Development of neural systems: Early Activity Patterns - part II	A030-A040
	Epigenetic factors (hormones, nutrition, experience) -part II	A041-A049
B. EXCITABILITY / SYNAPTIC TRANSMISSION / NETWORK FUNCTION	Neurotransmitters and signalling molecules: GABA and glycine- pat II	B001-B015
	Ligand gated ion channels: Other	B016-B039
	Neurotransmitter release - part II	B040-B052
	Synaptic plasticity: LTP and LTD: physiology and behavior	B053-B074
	Network interactions: Oscillations and synchrony - part III	B075-B096
	Glia-neuron interactions: Synapses - part II	B097-B108
C. DISORDERS OF THE NERVOUS SYSTEM	Alzheimer's disease and other dementias: APP and Abeta - part III	C001-C019
	Alzheimer's disease and other dementias: cognitive function, imaging and biomarkers	C020-C040
	ALS - part II	C041-C056
	Developmental disorders - part III	C057-C078
	Epilepsy - part V	C079-C099
	Demyelinating disorders - part II	C100-C119
	Neuroprotection - part II	C121-C137
	Psychiatric disorders: Schizophrenia: Other	C138-C151
	Psychiatric disorders: Autism, mental retardation, and related disorders - part III	C152-C176
Psychiatric disorders: Other - part II	C177-C192	
D. SENSORY AND MOTOR SYSTEMS	Auditory - part III	D001-D018
	Vestibular and Posture	D019-D025
	Vision: Extrastriate cortex	D026-D037
	Pain: Peripheral receptors	D038-D054
	Tactile/somatosensory: Thalamus and Cortex - part IV	D055-D065
	Cerebellum - part II	D066-D085
	Brain-machine interface	D086-D091
E. SLEEP / AUTONOMIC AND NEUROENDOCRINE SYSTEMS	Neuroendocrine: Sex differences	E001-E006
	Biological rhythms and sleep: Sleep: activity, systems and behaviour - part II	E007-E028
F. COGNITION AND BEHAVIOUR	Human studies: Attention - part III	F001-F010
	Human studies: Emotion - part II	F011-F023
	Human studies: Cognitive development and aging	F024-F043
	Animal studies: Cognitive learning and memory systems - part VI	F044-F057
	Animal studies: Appetitive and incentive learning and memory	F058-F077
	Animal studies: Reward and Reinforcement - part III	F078-F092
	Animal studies: Electrophysiology and imaging - part V	F093-F109
	Animals: Decision making	F110-F122
	Animals: Motivation and emotion - part II	F123-F132
G. COMPUTATIONAL NEUROSCIENCE	Single cell models - part II	G001-G011
H. NOVEL METHODS AND TECHNOLOGY DEVELOPMENT	Staining and tracing - part II	H001-H009
	Electrophysiology - part II	H010-H023

Shift 7, 11 July 2018, 09:30-13:00

Theme	Topic	Board No.
A. DEVELOPMENT	Neurogenesis and gliogenesis: Neuronal differentiation - part II	A001-A014
	Axon and dendrite development: Dendritic growth and branching	A015-A024
	Synaptogenesis and activity-dependent development: Activity-dependent growth and remodelling of synapses	A025-A039
	Development of neural systems: Other neural systems	A040-A048
B. EXCITABILITY / SYNAPTIC TRANSMISSION / NETWORK FUNCTION	Neurotransmitters and signalling molecules: Monoamines - part II	B001-B019
	Neurotransmitters and signalling molecules: Other	B020-B029
	Transporters	B030-B044
	Synapses: Postsynaptic structures	B045-B061
	Synaptic plasticity: Homeostatic plasticity	B062-B077
	Network interactions: Oscillations and synchrony - part IV	B078-B098
	Glia-neuron interactions: Cell biology and signalling - part III	B099-B108
C. DISORDERS OF THE NERVOUS SYSTEM	Alzheimer's disease and other dementias: Cellular dysfunction mechanisms - part IV	C001-C021
	Parkinson's disease: Mechanisms - part III	C022-C037
	Parkinson's disease: Animal models - part III	C038-C058
	Developmental disorders - part IV	C059-C080
	Epilepsy - part VI	C081-C100
	Trauma: Spinal cord injury and regeneration - part II	C101-C118
	Neuroprotection - part III	C119-C137
	Psychiatric disorders: Schizophrenia: Mouse model - part II	C138-C152
	Psychiatric disorders: Autism, mental retardation, and related disorders - part IV	C153-C176
	Psychiatric disorders: Other - part III	C177-C192
D. SENSORY AND MOTOR SYSTEMS	Auditory - part IV	D001-D018
	Vision: Retina - part II	D019-D039
	Pain: Neuropathic pain - part II	D040-D057
	Tactile/somatosensory: Thalamus and Cortex - part V	D058-D068
	Motor neurons and muscle - part II	D069-D082
	Sensory processing - Cell types and neural circuit mechanisms - part IV	D083-D091
E. SLEEP / AUTONOMIC AND NEUROENDOCRINE SYSTEMS	Cardiovascular-, respiratory- and thermoregulation	E001-E017
F. COGNITION AND BEHAVIOUR	Human studies: Learning and long-term memory - part IV	F001-F012
	Human studies: Decision making and reasoning - part II	F013-F026
	Animal studies: Cognitive learning and memory systems - part VII	F027-F042
	Animal studies: Fear and aversive learning and memory - part V	F043-F062
	Animal studies: Pharmacology of learning and memory - part II	F063-F084
	Animal cognition and behaviour: Neural circuit mechanisms - part V	F085-F103
	Animals: Neuroethology	F105-F128
G. COMPUTATIONAL NEUROSCIENCE	Network models - part IV	G001-G012
H. NOVEL METHODS AND TECHNOLOGY DEVELOPMENT	Molecular and genetic techniques - part III	H001-H015
	Data analysis and software - part III	H016-H029