



ABSTRACTS COLLECTION

ACNP 59th Annual Meeting: Keyword Index

Keyword	Submission Number(s)
16p11.2	T81
17-β-estradiol	M166
1H MRS	30.2, T122
1H-MRS	W45, W128
25CN-NBOH	W200
31P magnetic resonance spectroscopy	54
3D genome	25.3
5-HT1A receptors	M98
7-dehydrocholesterol	T117
7T	T69
ABCD study	55, W31
Abstinence	T41, T55
Abuse Liability	M175, T149
Abuse potential	M139, T157, W150
Acamprosate	W23
Accelerated aging	T10, W130
Acetylcholine	14.2
Acetylcholine esterase inhibitors	T150
acoustic startle response	14.4, M75, T91
Actigraphy	W43
Activated microglia	43, 43.5
Activity-regulated cytoskeleton-associated protein	W55
Acute effects	T168, W174
Acute stress	28.1, 34.2, M43, W14
Acute traumatic stress	M5
Adaptive behavior	M16
Adaptive deep brain stimulation	9, 9.3
Addiction	7.4, 9, 32.2, 34, 34.2, 34.4, 41.3, 44, 47.2, 49.3, 49.5, M47, M147, M167, T124, T172, T175, T193
Addiction circuitry	34.5, M141, W190
Addiction phenotypes	39.1, T195, W161, W181
Adenosine signaling	W185
Adenosine triphosphate (ATP)	54.3
ADHD	12, 12.2, M27, T13, W25, W37
Adjunctive therapy	M86
ADNI	W103
Adolescence	13, 23.3, 39.2, 39.3, M107, M183, T14, T76, T85, T114, W34
Adolescence—critical period	39, M119
Adolescent	12.4, 39.4, M177, T11
Adolescent alcohol	M178
Adolescent alcohol exposure	41
Adolescent anxiety	39.4, T164
Adolescent brain cognitive development study	T198
Adolescent depression	13.3, M35, M61, M65, T26
Adolescent development	M26
Adolescent PTSD	M12
Adolescent stress	W80
Adolescents	M25, M27
Adult hippocampal neurogenesis	T29
adverse childhood experiences (ACE)	13.4
Adversity	34
Aerobic exercise	12.4, W169
Affect	44
Affective disorders	T21
Affective neuroscience	W11
African Americans	T10
Ageing	20.2, 31, 31.2, T103, T114
Aggression	11, W182
Aggressive behavior	28
Aging	4, 31.3, T64, T186, W2, W3, W58
Air pollution	T77
Alcohol	7.4, 41.2, M152, M167, M173, M186, T72, T161, T176, T179, T181, T188, T194, W146, W165, W172
Alcohol relapse treatment	7.2, 41, M176
Alcohol and substance use disorders	7.3, M160, M176, M191, M192, T42, T164, T172, T195, W181, W182
Alcohol consumption	7.2, 41.5, M178
Alcohol dependence	M149
Alcohol drinking	41, M145, M165, T194, W168
Alcohol sensitivity	W174
Alcohol use disorder	7, 7.5, 41.4, M149, M159, M163, M169, T43, T55, T183, T186, W147, W157, W165
Alcohol use disorder—treatment	M173, T42, T46, T185, T190, W151, W180
Alcohol use disorder metabolism reward	T177
Alcohol withdrawal	T39, W41, W162
Alcoholic liver disease	T185
Alcoholism	T175, W156
Alcohol-seeking behavior	41
Allopregnanolone	48.5, T190
Alpha	T34
Alpha oscillations	W116
Alpha-7 nicotinic acetylcholine receptor	M178
Alpha-adrenergic	T186
Altitude	3, 3.2
Alzheimer's disease	15, 15.4, T124, T64, W4, W100, W103, W107
AMPA receptors	T188
Amphetamine	M101, M147, M198, T174, W166
Amygdala	14.5, 38.2, 45.3, M149, T9, T73, T118, W21, W26, W85, W187
Amygdala-hippocampal differences	M57
Analgesics	M82
Anhedonia	23.5, M56, M77, T158, W97
Animal model	3.2, 4, 46.1, M148, T38
Animal models	40, M85, M195, T105, W29, W105, W177

- Animal researchT179, W15
 Anorexia nervosaM43, T15, T87, T89
 Antagonist ligandsT49
 Anterior cingulate cortexW196
 Anterior cingulate cortex (ACC)M131, M163, T67, W26, W68, W193
 Anterior insulaT16
 Antidepressant5.5, 47.2, M68, M83, M85, T29, W65, W99
 Antidepressant responseW67
 Antidepressant trialsW76
 AntidepressantsM50, M87, W74, W97
 AntipsychoticT110, T148
 Antipsychotic drug30.3
 Antipsychotic drugs30, 30.4
 Antipsychotic induced weight gainM37
 Antipsychotic medication18
 Antipsychotic responseM128, W127
 Antipsychotic treatmentW90
 Antipsychotic-induced metabolic dysfunction30.3
 Antipsychotic-induced weight gainT37
 Antipsychotic-naïve first-episode schizophrenia30.2, 42.5
 AntipsychoticsM112, M114, W128
 Anxiety3.3, 13.2, 23.3, 28.3, 39, M4, M169, T8, T11, T27, T44, T70, T73, T84, T105, T109, T113, W22, W41, W59, W195
 Anxiety & PTSDT2, T12, W11, W17
 Anxiety circuitry14.3, M24, T74
 Anxiety disordersT6
 Anxiety modelT28
 Apoer2M87
 ApoptosisW54
 ArcM6
 Arousal14, 14.2
 ASD26.3, M28, M29, T81
 ASD core symptomsT75
 AssessmentW35
 Associative learningT9, T52, T118
 Astrocyte36, 36.5, T51, T64, W152
 Astrocyte-neuron interactionT166, W139
 AstrocytesM146, T163
 AstrogliaT90
 Astroglialosis15.2
 AttentionM40, M198, M201, T57, T156, W4, W53, W152, W195, W196
 Attention deficit hyperactivity disorderW51
 Atypical antipsychoticsM54, T111, W96
 Auditory cortex6.4, T33
 Auditory fear conditioningT9, W18, W30
 Auditory mismatch negativityT106
 Auditory steady-state responseM134
 AugmentationM83
 Autism26.2, 26.4, M21, M22, M96, T75, W32, W39
 Autism behavior inventoryT75
 Autism spectrum disorder20.5, 42.3, M23, M31, T11, T78, T197, W26, W101
 Autism spectrum disorder and related syndromesM30, T86
 AutoantibodyT146
 Autobiographical memoryT200, W85
 AutonomicM113
 Autonomic nervous system29.4, 51.3, M14, W88
 av1ationW101
 Aversive learningM190
 AvoidanceM2, M5
 Axon guidance molecule genes39.1
 AxonsW108
 Balloon effort taskM126
 BalovaptanW101
 Bariatric surgeryW47
 Basal forebrainM155
 Basal ganglia9.4, M101, W190
 Basolateral amygdala48.5, M20, T85, W28
 Bayesian inferenceM199
 BDNFM34, M90, T127, W61, W169
 BDNF Val66MetW79
 BehaviorM15, T91, W98
 Behavioral flexibilityM59, W189
 Behavioral geneticsW162
 Behavioral pharmacologyM152, T191, W15, W161
 Behavioral phenotypingT105
 Behavioral tasks40, M62
 Behavioural neuroscienceW15
 Belief updating6.2
 BI 1358894T94
 BI 425809T134, T135
 BifactorM4
 Big dataT43
 Binge drinkingT188, W34, W149
 Binge eating9.2
 Binge-drinkingW182
 Bioenergetics3.2, 54.5
 Bioenergetics and insulin resistance30
 BioinformaticsW56
 Biological pathway analysisW102
 Biomarker51, M92, T117, W34, W100
 Biomarkers23.4, 51.1, W17
 Biomarkers for risk assessment21, W126
 Bipolar depressionW90
 Bipolar disorder2.2, 12, 12.3, 12.1, 12.2, 12.4, 25.2, 31, 31.1, 31.2, 31.3, 38.4, 38.5, 45.1, 54.3, 54.4, M54, M58, M60, M64, M67, M71, M124, M200, T92, T97, T103, T110, T141, W54, W58, W72, W87, W90, W125
 Bipolar I & II disorderT110, W132
 Bipolar I depressionT110, W96
 Bipolar I disorderW94
 Blood pressureW88
 Blood-brain-barrier36.3
 BNSTM116, M192, T55
 Bodily self disturbance47.4
 Body dysmorphic disorderM103
 Body mass indexM74
 Borderline personality disorderM105, T131
 Brain54.5, M16
 Brain age31, T68
 Brain agingW5
 Brain based markers for depressionM91
 Brain circuitryM31
 Brain connectivityW155

- Brain development2.3, 24.4, 38.2, M30, M31, M33, W133
 Brain imaging 12, 42, M19, T76, T87, W47, W67
 Brain initiative19, 19.2
 Brain networks24.1, T59
 Brain organoids 52.4
 Brain regulation of metabolism 30.4
 Brain reward center M148
 Brain stressT60
 Brain structural connectivityM66, W33
 Brain structure M115
 Brain ventricular volumeM72
 Brain-derived neurotrophic factorM20
 Brexanolone injectionM80, W92
 Bumetanide W2
 ButyrateW112
 CaffeineM27
 Calcium imaging52.3, M102, M146, T19, T119, W19, W139
 CannabidiolM39, M175
 Cannabinoids 16, M157, M183, T126
 CannabisM158, M174, M175, T158, T182, W135
 Cannabis useT168
 Cannabis use disorderM150, M158
 Cardiac autonomic tone3.4
 Cardiometabolic riskT152
 Cardiovascular disorders 3, 12.4
 Cardiovascular physiologyW130
 CariprazineM164, T113
 Catatonia45.2, 45.3
 Category learningT22
 Causal modelingT43
 CB2W38
 CBTT128
 Cdk5W7
 Cell adhesion moleculesT124
 CentanafadineW51
 Central amygdalaM5, M141
 Central autonomic network3.4
 Central nucleus of the amygdalaM176
 CerebellumM193
 Cerebral blood flowW32
 c-FosM6, M44, W22
 Chemogenetics32.2, T194
 Chemotherapy-induced peripheral neuropathyT125
 Child abuse and neglectM12
 Child and adolescent psychiatry2.3
 Child psychopharmacologyT198, W35
 Childhood trauma 38.2, 51, 51.2, M55, T183
 Children12.3, T12, T79
 Children and adolescents5.3, 38, W35
 CholineT122
 Cholinergic systemW3
 Choroid plexus 36, 36.2, T15
 CHRNA5W53
 Chronic pain27, 27.3, M99, T122, W40
 Chronic pain treatmentW40
 Chronic social defeatM77, T18, T115
 Chronic stress M94, T17, T85, W66, W99, W115
 Chronic unpredictable mild stressW7
 Chrono-pharmacologyW94
 CircadianM106
 Circadian rhythms37.4, 49, 49.5, T159, W54, W94, W125, W163
 CircuitT30
 Circuit optogenetics 14, 32, 32.2, W18, W190
 Circuit-functionM100
 Circuitry-based approachT17
 Circulating mitochondrial DNA51.3, 54.5, T82
 CitalopramM11
 Classification42.3, W50
 ClaustrumT62
 Clinical developmentM110
 Clinical heterogeneity2.4
 Clinical high risk for psychosis8, W117
 Clinical high risk state for psychosis30.2, W120
 Clinical high-risk of psychosis21, M132
 Clinical interventionsM36
 Clinical neurobiologyT172, T195
 Clinical psychiatry17
 Clinical subtypesT89
 Clinical transition53
 Clinical trial28.3, M58, M152, W10, W23, W60, W113
 Clinical trial designT46
 Closed-loop control19
 Closed-loop deep brain stimulation9.2, 19.5, 46.4
 ClozapineM114
 Cluster analysisM172
 Cluster headache47.5
 CNS depressant drugsM127
 CNVT81
 Cocaine36.5, 49.4, M16, M164, M185, T48, T165,
 T173, T174, W176, W187
 Cocaine addictionM151, M154, M156, T180, W142, W145
 Cocaine seeking10.4, W143, W167, W183
 Cocaine self-administrationM146, T149, T163, T184, W175
 Cocaine self-administration and reinstatement52.2, M157, W167,
 W169
 Cocaine sex differencesT163
 Cocaine use disorder25.2
 Cognition24, 44, M40, M113, M182, T35, T65, T122, T157, W116,
 W123, W154
 CognitiveT20
 Cognitive control9.3, W196
 Cognitive declineM94
 Cognitive deficits21
 Cognitive development36.4
 Cognitive flexibility9, M155, M195, T80, W200
 Cognitive functioningM114, W113
 Cognitive impairmentM58, T134
 Cognitive impairmentsT138
 Cognitive impairmentW174
 Cognitive neuroscience6, T80
 Cognitive remediationM134
 Cognitive trainingM157, T6
 Cognitive/emotional task performance13.3

- Collaborative cross and diversity outbred mice W163
 Combat PTSD M7, M9, T72
 Common deletion 54.2
 Common SNPs T23
 Common variant T36
 Communication barriers M22
 Comorbidity 17, 31, 31.2
 Complement factor C4 43, 43.4, 43.5
 Complex I activity 54.2
 Compulsion 41.2, M104
 Compulsive behavior T188
 Compulsive eating W24
 Compulsive models of drug use M145
 Computational modeling T21, T22
 Computational modelling 6.5
 Computational models of decision-making 41.3
 Computational neuroscience 6, W69
 Computational psychiatry M10, W70
 Computational reinforcement learning model 39.3
 Conditioned fear memory M169
 Conditioned place preference M147, W145
 Connectivity 43.2, M122
 Consciousness T58
 Context M177
 Contextual cue T3
 Contextual fear W30
 Continuous performance task W115
 Coping 31.1, 34.4
 Copy number variants 2
 Cortical circuit function 42.3, 45.2, W138
 Cortical development 24.1
 Cortical excitability M35, M93
 Cortical excitation-inhibition balance W93
 Cortical GABA T155
 Cortical inhibition M93, T153
 Cortical plasticity T34
 Cortical thickness M159, T102, T133
 Corticolimbic W157
 Corticospinal tract W170
 Corticosterone W79
 Corticostriatal networks 9
 Cortico-striatal plasticity 48.4
 Corticotropin-releasing factor (CRF) M138, T17, W187
 Cortisol 27, T7, W165
 Cortisol response to stress T96, W156
 Court-involved youth M36
 COVID-19 17, 33, 50, M17, M181, M197, T159, W12, W43
 Craving 36.2, M173, T44
 Creatine M124
 Creatine kinase 54.3
 Creativity W37
 CRF W149
 CRH 34.3, M162, W28
 CRISPR screens 20.4
 CRISPR/Cas9 20, 20.5, W148
 CRISPR/dCas9 W7
 Cross species 34
 Cross-species translation 22
 CRP T72
 Cue reactivity M156, M164, T173, T184
 Cue reinstatement T187
 Cue-exposure T2
 Curriculum W44
 Cyclooxygenase 15.5
 CYP2C19 T100
 CYP2D6 T100
 Cytochrome P450s T100
 Cytokines W129
 D1 dopamine receptors W140, W159, W166
 D2 dopamine receptor 10.4, T91, W140
 D3 receptor T191
 D3 receptor partial agonist M164
 Dabigatran T94
 Daridorexant M137
 Data fusion T1
 Daytime functioning M137
 DBS 9.4
 Decision making M16, W192, W193
 Deep brain stimulation 9.1, 46, 46.1, 46.2, 46.3, W49, W83
 Deep sequencing 2
 Default mode network (DMN) 13.4, T62, T200
 Defensive and motivated behaviors 27.2, W21
 Delay discounting T44
 Delta 6.4
 Delta opioid receptors 32.5
 Delusions M129
 Dementia 4, M129, T150
 Dendrites M107, W108
 Dendritic morphogenesis M193
 Dentate gyrus M59
 Dependence W150
 Depression 2.1, 3.3, 15.3, 19.5, 23.5, 32.3, 36.3, 37, 37.2, 38.4, 38.5, 45.1, 46, 48, 49.3, M17, M55, M62, M63, M68, M69, M71, M72, M78, M79, M83, M131, M200, T20, T29, T92, T98, T101, T102, T107, T113, W27, W50, W63, W64, W66, W75, W83, W86, W87, W88, W89, W97, W99, W199
 Depression and anxiety 23, M161, T56, W72
 Depression inflammation M92
 Depressive symptoms T148
 Depressive-like behavior T105
 Desmosterol T117
 Devaluation M135
 Development M32, W30
 Developmental T76
 Developmental neuropsychiatric disorders T81
 Developmental psychopathology 13, 13.1
 Developmental trajectory 51.3, T82, W159
 Diabetes 23.2
 Diabetic peripheral neuropathy T125
 Diagnosis W87, W90
 Diagnostic prediction 26.4
 Dietary supplement W113
 Diffusion tensor imaging (DTI) 12.2

- Diffusion tractography 46.2
 Diffusion weighted imaging45, T144, W33
 Digital phenotypingW36
 Dimensional child psychopathologyW31
 Discrimination 52.1, W27
 Disorders of glutamate M124
 Distress intolerance M160
 Diverse animal modelsW69
 Diversity 1, 35
 DLPFCW109
 DNA M120
 DNA methylationM18, T33, W58
 DNA sequencing 2.2
 Dopamine 5.2, 6.3, 19.3, 27, 27.2, 30.3, 34.5, M1, M16, M47, M51, M58, M101, M127, M155, M180, M184, M186, M198, T52, T63, T113, T147, T158, T189, W2, W45, W173, W176, W189
 Dopamine (D2, D3) receptors30.3, M184, W166, W171
 Dopamine and serotonin 45.1
 Dopamine D3 receptorsW178
 Dopamine D4 receptorT49
 Dopamine receptor type 2-expressing striatal medium spiny neuron M201
 Dopamine release 52.2
 Dopamine3 receptors52, 52.2
 Dopamine-deficient miceM98
 Dorsal HippocampusT65
 Dorsal raphe M180
 Dorsal striatumT63, W41, W45, W139
 Dorsolateral prefrontal cortex T133
 Dose responseW146
 DREADD 49.3
 DREADDsW141, W149
 Drosophila T181
 Drug abuse 39
 Drug addiction49, M179, T48, T162, W176
 Drug cuesM154, W186
 Drug development 21
 Drug discovery—new approachesM31
 Drug discovery/development T124
 Drug discriminationW51
 Drug relapse M142, T50, T196
 Drug self-administration M142
 D-serine M118
 DTIM46, M112, T1
 Dual orexin receptor antagonistM137, W134, W150
 Duration of untreated psychosis T144
 Dynamic connectivity42.2, M103
 Dynamic functional connectivity 42.3
 Dynamic neural modeling 19.5
 Dynamical systemsW136
 Dynamics M122
 Dysregulation T141
 Early adolescence 24.4
 Early childhood 12.1
 Early life adversity M162, T123, W28
 Early life stress 23.4, 34.3, M25, M48, M52, M71, M184, M194, T77, T178, W29, W38, W142, W195
 Early parental lossT123
 Early psychosisM109, M123
 Early rearingT83
 Eating disordersT88
 Ecological momentary assessment T159, W36, W43, W117, W132
 Education and training 33, W44
 EEG26, 47.4, T25, T34, T58
 EEG biomarkers6.5, 13.1, 26.2, M7, M196, M198, W4, W93, W116
 EEG/ERP electrophysiologyM195, T106, W195
 EEG-fMRIW136
 Efficacy and safety M110
 Effort based decision making taskT19, W193
 Electrical field modelingW10
 Electrochemistry M171
 Electroconvulsive therapyM78, T92, T104
 Electroencephalography T135, W100
 Electron microscopyT147
 Electronic cigarette (e-cigarette) M181
 Electrophysiology9.1, 49.4, W18, W135
 Emotion circuitryT88
 Emotion modulation M105, W65
 Emotion perceptionT57
 Emotion processingW65
 Emotion regulation M60, W191
 Emotional dysregulation 31.1
 Emotional memory 13.3
 Emotional regulation31, 38, M197
 Emotional stressT98
 EmpathyW158
 Endocannabinoid systemM19, M180, T132, W172
 Endocannabinoids M188
 Endogenous opioids10.1, 10.3, T54
 Endogenous retrovirus 25.3
 Engram52, M6, M42
 Enkephalin 10.3, 10.4
 EntropyT86
 Environmental enrichmentW56
 Epidemiology 2.4, M68
 Epigenetic32.3, 52, 52.1, W142, W180
 Epigenetic modification M149
 Epigenetic regulation 32
 Epigenetics 25.4, M15, M47, M52, M76, M121, T33, T162, T164, T165, T176
 Epigenome wide association studiesT176
 EpilepsyM40, W105
 ERKM90
 ER- β M166
 Escitalopram T24, W93
 EsketamineM81
 Esketamine nasal spray T93, T95, W62
 EstradiolW81
 Estrogen receptorM51
 Estrogen synthesisT15

- Estrous T187
 Ethanol W139, W179
 Ethics 16
 Ethinyl estradiol M166
 Event-related potentials M158, T57, T80, W119
 EWAS W103
 Excitation-inhibition balance T132, W122
 Excitatory and inhibitory imbalance hypothesis M93
 Excitatory synapses 52.4
 Executive function 3.3, T195
 Exome sequencing 2.2
 Experimental design T20
 Experimental medicine 41.5, W100
 Explore-exploit dilemma W192
 Exposure therapy T128
 Exposure-response M129
 Externalizing behavior T79
 Externalizing disorders 13.1
 Extinction T162
 Extinction learning W183
 Extinction recall 38.2
 Extracellular vesicles 51, 51.3
 Extrapyrmidal symptoms M125
 Eye tracking 26, 26.3, T20
 Face emotion processing T22
 Facial emotional processing T78
 Familial risk 38.4, 38.5, M61
 Family study 12.1
 Fast scan cyclic voltammetry T189
 Fatty acids T89
 Fear M18, W19
 Fear conditioning 36.4, M6, W20, W21
 Fear conditioning and extinction T2, T3, T4, T12, W16
 Fear extinction 39.2, M86, T14
 Fear generalization 52.1, T2
 Fear learning M24
 Fear-potentiated startle W17
 Fecal microbiome transportation M77
 Feeding behavior M41, M42
 Females 23.2
 Fentanyl 10.2, 49.5, M179, T41, T192, W178
 Fetal exposures of alcohol and other drugs M11
 FFA M117
 Fiber photometry 5.2, M40, M186, T52, T127
 Fibroblasts W163
 First episode psychosis T144, W127
 FKBP5 M71, W78
 Flanker task M196
 Fluoxetine M90, T18
 Functional MRI (fMRI) 5.3, 12, 13.2, 27.3, 38.3, 38.5,
 41.4, 42.3, 45, 45.3, 47.4, M4, M19, M23, M60, M122,
 M131, M154, M164, T3, T6, T21, T56, T60, T61, T70, T76,
 T87, T200, W25, W46, W67, W114, W117, W158,
 W186, W192, W195, W198
 fMRI effective Connectivity M103, T5
 fMRI faces paradigm M103
 fMRI functional connectivity T62, T78, W173
 Focused ultrasound 19.4
 Food cues W46
 Forced swim test W29
 Four-core genotype mouse W179
 Fractional amplitude of low frequency fluctuations M61
 Fragile X syndrome T80, W23
 FreeSurfer M72, T131
 Frontolimbic network M14
 Frontoparietal network W4
 Frontostriatal circuitry W33
 Fronto-striatal networks M61
 Frustrative non-reward 5.2, 5.3
 Functional capacity M114
 Functional connectivity M96, W47
 Functional magnetic resonance spectroscopy T69
 Functional near-infrared spectroscopy T182
 Functional neuroimaging M56, W164
 Functional variants T23
 Functioning W121
 G9a W180
 GABA 45, M128, T153, T190, W2, W5
 GABA neuron M133
 GABA-A receptors M28, M75, T199
 GABAergic interneurons 48, 48.3, T63, W18, W98
 GAD M17
 Galanin W144
 Gamma 6.4, 24.2
 Gamma oscillation 24, M188, W196
 GAT-3 T166
 Gender differences M74
 Gene co-expression networks 37
 Gene expression 32, 32.3, 52.1, M45, M148, M200, T16, T60
 Gene-by-sex interaction 37.5
 Gene-prioritization 20.3
 Generalized anxiety disorder T73
 Genetic association 25
 Genetic association study 2
 Genetic human model T13
 Genetic risk factor W72
 Genetic variability M19
 Genetics 2.2, 37.5
 Genetics of depression T23
 Genome-wide association studies T140
 Genomics 2.4, M121, W123, W124
 Genotypes T100
 Geriatric M78
 Ghrelin T179
 Glia 3.1
 Globus pallidus 9.4, T131, W152
 GLT-1 T163
 Glucocorticoid receptor W78
 Glucocorticoids W80
 GluN2B M89
 Glutamate 15.3, 43.2, M128, M185, M191, T145, T147,
 T175, T176, W5, W45
 Glutamate GABA M145

- Glutamate receptor functionM94
 Glutamate transporter (EAAT3)M101
 Glycine transporter 1 inhibitorT135
 Glyoxalase 1W162
 Goal-directed behaviorsM135, T63, W193
 Gonadal HormonesM48, W179
 GPCRs32.2
 GPER1T193
 Graph theoryM66, T88
 Graph-based analysisW106
 Grey matter morphometryM159
 GuanfacineW22
 Gut microbiome29.2, 29.3, W130, W167
 Gut microbiotaW168
 Gut-brain axis7.3
 GWAS2.1, 20.2, 20.3, T174, W31, W102, W123
 Habenula28, 36.2
 HabitW152
 Habit formation48.4
 Hallucinations6, 6.3, M129, M130
 HallucinogenW200
 HandwritingM125
 Harm avoidance39.4
 HCNM50
 HDAC5T162
 Headache32.5, 47.5
 HEAL initiativeW1
 Health disparities51.1, 51.4, T82, T183
 Health promotionW12
 Healthy controlsM46
 Heart rate variability29.4, M14
 HeritabilityM67, M70, M121
 HeroinT40, W188
 Heroin self-administrationM184
 HerpesvirusM97
 Heterochromatin25.3
 Hierarchical perceptual inferenceW122
 High fat dietM45
 High potency THCM174
 Hippocampal functionW131
 Hippocampal shapeW133
 Hippocampal subfieldsT77
 Hippocampus38.2, 38.3, M81, M84, M90, M117, T3,
 T154, W5, W19, W78, W79, W133, W137
 Histone acetylationM149
 Homeostatic plasticityM53
 Homeostatic synaptic transmissionW145
 HopelessnessM60, W84
 Horizontal pleiotropy54.2
 HousingM177
 HPA axisT7, W78, W80
 Human geneticsM97
 Human laboratory studyT179
 Human neuroimaging13, T96, T101, T177, T180, T198,
 W70, W75, W76, W133, W191, W193
 Human post-mortem brain49.5, 54, M120
 Human postmortem brain tissueM106
 HumansT108
 Hybrid PET/MRW166
 HydroxynorketamineT112
 Hyperarousal14.3, M13
 HyperlocomotionM127
 Hypocretin28
 Hypothalamic-pituitary-adrenal axisW197
 HypothalamusT17
 IbudilastT42
 Illness trajectoryM199, T154
 Immobility32.4
 Immune biomarkers51.4, M165, T146
 Immune function3.4
 Immune responses3, 29.4, 51.4
 Implicit bias35
 Implicit primingW46
 Impulse control9.2, M47
 Impulsivity9, 11, M46, M173, T8, T83, T169, T178, W52, W154, W186
 In vivo calcium imaging46.1, M104, T53, T54, W183
 In vivo microscopyM102
 Incentive motivation10.1, T54, W189
 Incentive salienceM187, W184, W186
 Incubation of drug craving36.5, M142, M156
 Individual differencesM187, W70
 Individual variationM172
 Induced pluripotent stem cells (iPSCs)20, 52.4
 Infancy13, 13.1, 26, 26.2, 26.3
 Infant26.4, W27
 Inference6
 InflammasomeM2, W38
 Inflammation15, 15.3, 15.5, 23, 23.2, 23.3, 23.4, 23.5,
 30, 30.2, 36.3, M38, T64, T72, T103, W9, W57, W129, W130
 Inflammatory cytokinesW81
 Inflammatory markersT102
 Information encodingM190
 Inhibitory controlT27
 Inhibitory interneuronsT126
 Insomnia20.3, 28.1, M137, M139, T97, T99, T116, T157, W92
 Instrumental learning39.3
 InsulaM115, M163, W117
 Insular cortexT130
 Insulin30.3, W45
 Insulin resistance30.4, M74
 Intergenerational depressionM59
 Interleukin-8T24
 Internal capsule46.1
 Internalizing behavior13.1, T79
 Internalizing disordersT8
 Internet of thingsW48
 Internet surveyW160
 Interneuron24.2, 48.2
 InteroceptionT73
 Interpretation biasT22
 Intracortical myelinW110, W118
 Intracranial self-stimulationT47
 Intravenous drug self-administrationT48, T187, W178

- Intrinsic excitability W184
- Intrinsic functional connectivity W67
- Intrinsic neural timescale W122
- Ion channels M49, T52
- iPSC W54
- Irritability 5.3, 5.5, M4, T27, W199
- Irritability/Aggression 5, 5.2, 5.4, 28.2, W50
- IV—ketamine W88, W95
- Juvenile critical period 24.3
- Juvenile social isolation M1
- Kappa agonist W180
- Kappa opioid receptor antagonist T47
- Kappa opioid receptors T171, T189, W157
- Ketamine 16, 41.5, 47.3, M55, M57, M82, M86, M87, M130, T18, T112, T114, T115, W19
- Ketogenic diet W151
- Ketorolac M82
- Kinases T39
- Kynurenic acid T160
- Kynurenine pathway M64, T160
- Kynurenines 15.3
- L1 retrotransposons 25.2
- Language delay T121
- Large scale networks 45
- Late life depression W95
- Late-life depression W71
- Latent factor analysis T27, T61
- Lateral habenula 28.2, M192
- Lateral hypothalamus M5
- Lateral inhibition T138
- Lateral orbitofrontal cortex M104, M135
- Lateral septum M20, M43
- Learning M16
- Learning and memory M42, M95, W5, W194
- Learning theory T2
- Lemborexant M139, T157
- Leptin M74
- Lesion W75
- Leukocyte telomere length M38
- Lifetime stress 29, T82
- Limbic brain circuitry 37
- Liquid chromatography/mass spectrometry 10.3, M171
- Lithium M38, W54
- Lithium response W94
- Liver brain axis T176
- Local field potentials W49
- Locus coeruleus 49.3, T173
- Long access self-administration T47
- Long noncoding RNA 37.2
- Long-acting injectable M125
- Longitudinal W34
- Longitudinal analysis M9, M117
- Longitudinal imaging 38.3
- Longitudinal MRI M81
- Longitudinal studies 38
- Longitudinal study 14.4, M199
- Long-term depression W190
- Long-term potentiation 32.4, T34
- Loss W56
- LSD 47.3, W49
- LSD microdosing T108, W61
- M1 and M4 muscarinic receptors M110
- Machine learning M100, M121, T30, T59, T181, W49, W71, W155
- Machine learning classification 42.5, M67
- Magnesium W2
- Magnetic resonance imaging 47, W137
- Magnetic resonance spectroscopy M21, T67, T143, T145
- Magnetic seizure therapy T25, T92
- Major depression 37.5, 46.4, M54, W82
- Major depressive disorder (MDD) 3.4, 5.5, M56, M57, M74, M92, M93, T23, T24, T25, T92, T93, T94, T95, T104, T117, W57, W59, W60, W67, W68, W70, W74, W199
- Major depressive episode 15, 15.2
- Mania 38.5, W50
- Marijuana M158
- Maternal behavior M15, W158
- Maternal brain W158
- Maternal depression 29.3, T167
- Maternal immune activation 25.4
- MATRICES consensus cognition battery (MCCB) T137
- Matrix metalloproteinase-9 (MMP-9) M144, W14, W137
- MCH neurons 49.4
- MDD 2
- MDMA W6
- MDPV self-administration W175
- MeCP2 W102
- Medial orbitofrontal cortex T53
- Medial prefrontal cortex 14.2, 24, 24.1, 24.3, 48.3, M42, T40, T65, T85, T156, W140
- Medial septum M155
- Medication adherence 18
- Medication assisted treatment 11
- Medication development 7.3
- Medio-dorsal thalamus T53
- Medium spiny neuron M49, M146, M150, M190, T41, W183
- Memantine W100
- Memory 36.4, W104
- Memory and learning M143, T66
- Memory encoding and retrieval W18
- Memory reconsolidation 41.5, W187
- Mendelian randomization 54.2
- Menopause 3.3
- Mental disorders W42
- Mesocorticolimbic system T87
- Mesolimbic reward circuitry 34.5, T51, W194
- Meta-analysis 42.4, M64, T37, T143, T197, W86
- Metabolic biomarker T177
- Metabolic defect W129
- Metabolism 23, 23.4, 23.5, T159, W167
- Metabolomics 7.4, 29.3, M168, W168
- Metabotropic glutamate receptor 5 (mglu5) T175
- Methamphetamine M161

Methods	1	Muscarinic receptors	T150
mGlu receptors	48.3	Myelination	M30
mGlu5	M191	Myosin	M143
mGlu5-NAM	M182	N,N-dimethyltryptamine (DMT)	T58
mGluR5 receptors	T127, W40	N100	W119
Mice	49.2	N-acetylaspartate	T122
Microaggression	35	N-acetylcysteine	T145
Microbiome	29, 51.4, M168	NAD ⁺ and NADH	W98
Microbiota-gut-brain axis	M77	Naltrexone	T151
Microglia	29.2, M30, M33, M34, T64, T120	Nanoparticles	19.4
Microglia engulfment	43.4, W159	Natural dietary product	W160
Microglia priming	M76	Natural language processing (NLP)	W120
Microglial activation	15.2	Natural setting	T58
Microresistance	35	N-back	T182
MicroRNA	39.1, T131, T141	Negative emotionality	T195
Mifepristone	7.5	Negative reinforcement	34.4
Migraine	47.5	Negative symptoms	21, M108, T136, W121, W129
Mild traumatic brain injury	M7	Neonates	13.2
Mindfulness	M25	Network based statistic (NBS)	T31
Mineralocorticoid receptor	M167, W78	Neural circuitry	5
Miniscope	52, T119	Neural circuit and animal behavior	10.4, 52.1, 52.3, M44, T51
Mismatch negativity	6.5	Neural circuits	34.2, 41.2, M136
Mitochondria	23.3, 54, 54.2, 54.5, M33, M45, T112, W57	Neural decoding	19.5
Mitochondrial DNA	54, W126	Neural modelling	W69
Mitochondrial dynamics	W57	Neural network connectivity	W69
Mitophagy	W57	Neural oscillations	24.1
Mobile DNA	25	Neural predictors	T30, T88
Molecular genetics	2.1, M37, T124	Neurocircuitry	W149
Molecular imaging	19.3	Neurocircuits	10, 19.2
Monetary incentive delay task	M63, T61	Neurodevelopment	20.4, 38, 41.3, 45.4, 55, T59
Monetary reward	M8, T87, W172	Neurodevelopmental and behavioral deficits	M11
Monoamines	M47	Neurodevelopmental disorders	2, 26, W32, W108
Monocytes	W108	Neuroeconomics	W114
Monogamy	T119	Neuroendocrine	T71
Mood	28, M70, T108	Neuroepigenetic editing	W7
Mood and anxiety disorders	3, 38, T98, T107	Neuroepithelium	36
Mood disorders	42.2, 44, M64, M83, M88, M89, T16	Neurofibromatosis type 1	M29
Morphometry	M115	Neurogenetics	2.3
Motivation	M48, M62, M180, W185, W194	Neuroimaging	26, W34
Motor activity	M67	Neuroimaging biomarkers	30
Motor behavior	T86	Neuroimmune	T120
Motor evoked potentials	T199	Neuroimmune interaction	T180
Mouse	T81	Neuroimmune mechanisms	M169, M185, T42, T45, T184, W167
Mouse behavior	M127	Neuroinflammation	15.4, M99, T24, T145
Mouse genetics	32.3	Neuromelanin	M8
mPFC	M95, M100, T162	Neuromelanin-sensitive MRI	M13, T173, W153
MRI	26.4, 42, 45.4, M66, T1, T186, W64	Neurometabolism	W136
MRS	W107	Neuromodulation	19, 19.5
MRSI	M128	Neuromodulators	19.3
Multimodal data	42.5	Neuronal ensemble	52, 52.1, 52.3, W143
Multimodal neuroimaging	T1, W121, W151	Neuronal epigenome	25.3
Multi-omics	M168, W8, W56	Neuronal tracing	T74, W190
Multiplex families	2.2	Neuropathic pain	32, 32.3, M97, M148, T125
Multi-site MRI	31.3	Neuropeptides	M176, T118
Mu-opioid receptors	32.5, T28, T50, T171	Neuropharmacology	48.3, W88
Muscarinic acetylcholine receptor	M88, W53	Neurophysiology	46.3

- Neuroplasticity47, 47.2, 51.2, T121, W61, W107
 Neuroplasticity hypothesisM93
 Neuropsychiatric disorders [schizophrenia, Parkinson's disease, major depressive disorder] 37.4, 46.3
 NeuropsychologyM78
 Neuropsychopharmacology 19.4, 41.4
 NeurosteroidsT190
 Neurostimulation 19
 Neurotechnology 19.2
 NeurotensinM43, T118
 Next generation sequencing M148
 N-glycosylationT36
 Nicotine 36.2, M39, M153, M181, M183, W177
 Nicotine addictionM151, W148
 Nicotine demand M166
 Nicotine dependenceM170, W138
 Nicotine vapor M170
 Nicotine withdrawal W171
 Nicotinic acetylcholine receptorsW53
 NMDA antagonists M130
 NMDA glutamate receptorsT40
 NMDA Receptor M53, M118, M133, T199
 NMDA receptor antagonistT106
 NMDA receptorsT146
 NMDA receptors, MMN, ERP, auditory, training6.4
 NMDAR hypofunction M118
 Non pharmacological interventionsM79, T133
 Non-coding RNA W147
 Nonhuman primate modelT83
 Nonhuman primate models W168
 Non-invasive brain stimulationT133
 Non-invasive neuromodulation W170
 Non-suicidal self-injurious behaviorM65, T140
 Non-suicidal self-injury (NSSI)T83
 NoradrenalineM13, T156
 Noradrenergic W144
 Norepinephrine 14.2, T173, W22
 Nosology 42.2
 Novel antidepressantT65
 Novel therapeutics 53, T185
 Novelty responseW22
 Npas4 W145
 NR2B receptorM89
 NREM EEG gamma power M132
 Nuclear factor kappa BT184
 Nucleus accumbens5.2, 9.2, 10, 10.2, 10.3, 34.3, 36.5, M3, M49, M144, M150, M162, M186, M188, M201, T41, T107, T119, T127, T165, T178, W14, W28, W55, W66, W145, W169, W183, W184, W185, W188, W189
 Nucleus accumbens core W140
 Nucleus accumbens shell10.1, M146, T54
 Nucleus reuniens W13
 Number needed to treatW91
 ObesityM37, T68, W46
 Obsessive-compulsive disorder (OCD)45.3, 46, 46.1, 46.2, M101, M102, M163, T31, T128, T129
 Obsessive-compulsive spectrum disorders (OCDS)T127
 Occipital poleM117
 OCDT130
 Olanzapine M111
 Oleanolic acid acrylateT28
 Oligodendrocytes36
 Omega-3 fatty acidsW197
 Operant behaviorT181, T191
 Opiate addiction W170
 OpioidM99
 Opioid abuseM172, M189, T192, W40
 Opioid addiction 9.1, 34.3, 49.2, M144, M162, T38, T44, T50, T170, T171, T196, W140, W144, W159, W161, W188
 Opioid dependence M148, T38
 Opioid epidemic50
 Opioid epidemic—novel approaches W164
 Opioid peptides M171
 Opioid receptorsT151
 Opioid side-effectsT45
 Opioid use disorderT45, W153, W155, W158, W160, W164
 Opioid withdrawal T171, W144
 Opioids7.4, 10, 32, 49.5, T48, W178
 Opto-chemogenetics 52.2
 Optogenetics32.4, 41.2, M40, M100, M187, W20, W48
 Orbitofrontal cortex (OFC) M59, T53, T130, T196, W141
 Orexin28.1, 28.3, T188
 Orexin receptor antagonist28, 28.2, W60
 Orexin system W134
 Organic cation transporters M147
 Oscillation 6.4
 Oscillations48.5
 Oxidative phosphorylation 54.4
 Oxidative stress T67, W58
 Oxycodone9.1, 32.3, M142, T47, T187
 OxytocinW24, W26
 Oxytocin and addiction7.2
 Oxytocin receptor7.2
 PACAP32.5, M138
 Pain32.2, 32.5, 53, M175, T161, W1, W199
 Pain analgesiaM99, T45
 Pain therapeutics W170
 Paliperidone palmitate long-acting injection W110
 Paranoia6, 6.2
 Paraventricular nucleus of the thalamus W134
 Parenting distressM59, T167
 Parkinsonism45.2, 45.4
 Parkinson's disease 9.4, 46, M98
 Partial agonist ligandsT49
 Parvalbumin 24.2, 48.2
 Parvalbumin fast-spiking GABAergic interneurons48.4, 48.5, M118
 Patch foraging W153
 PathwaysT142
 Patient outcomesW62, W86
 Patient reported outcomes M137, T95
 Pavlovian bias 39.3
 Pavlovian conditioning M19, T9, T53, W184
 PediatricT128

- Pediatric irritabilityW36
 Pediatric PTSD 38.3
 Pediatrics 38.4, W35
 Perceived stressM173
 Perceptual reasoningT77
 Periaqueductal grey (PAG) 32.4
 PerinatalT111
 Perinatal stress29, 29.4, M11
 Perineuronal nets 36.4
 Peripheral biomarkerT90
 Persistent avoidanceT130
 PersonalityT76
 Personalized medicine12.3, 46.4, 47.3
 Positron emission tomography (PET) 15.2, 15.5, 43.3, M191, W157
 Positron emission tomography (PET) Imaging15.4, 43.5, T7, W32, W96, W165, W171, W173
 PET imaging studyM73, W40
 PharmacobOLD M105
 PharmacogeneticsW73
 PharmacoeconomicsW73
 PharmacogeneticsM69
 Pharmacogenomic-guided treatment recommendationsW73, W74
 PharmacogenomicsT100
 Pharmacologically-based nomenclature 18
 Pharmacology 18
 Pharmacotherapy41.4, M148, T38
 Phosphodiesterase-4 (PDE4) W104
 PhosphoproteomicsT39, W8
 Phosphorylation W146
 Physical activityW43
 Physician-scientist 33
 Physiologic biomarkersM91
 Pimavanserin M129, T136, W59
 Place cell W131
 Placebo responseM63, W76
 Placebo-controlled trial W128
 Plasma membrane monoamine transporter W176
 Plasma psilocinW77
 Pleiotropy analysisW123
 Polydrug useM143
 Polygenic risk scoresW31, W32
 Polygenic scoresT35
 PolysomnographyT26, T158, W96
 Positive emotionW84
 PostmortemW125
 Postmortem brain tissue 37.3, 54.4, T33, T179, W124
 Postmortem human brain 37.4
 Postpartum anxietyM80
 Postpartum depressionM80, T109, W80, W81, W91, W92
 Prader Willi syndromeW24
 Prairie voleT119
 PramipexoleM56
 Prebiotic treatment in schizophreniaW112
 Precision medicine for mood and anxiety disorders 29.4
 Precision medicine for mood disorders 29, 55
 Precision psychiatryM56
 Preclinical models and endpoints W1
 Prediction 26.3
 Predictive coding 6.2, T155
 Predictive models 20.2
 Predictor of treatment responseW71
 Prefrontal 24.2
 Prefrontal circuitM119, T19
 Prefrontal circuit maturation 24, M12
 Prefrontal cortex41.2, M34, M90, M135, T120, T182, W21, W30, W53, W63, W192
 Pregnancy 51.2, T111, W27, W98
 Prelimbic cortexM135, M160, T130
 Premenstrual dysphoric disorderM73, M75
 Prenatal drug exposureM161, W159
 Prenatal stress 29.2
 Prescription opioidsM142, T38
 Presymptomatic 26.4
 Presynaptic mRNAT66
 Probabilistic reversal learning41.3, M126, M195, W200
 Prodromal schizophrenia W119
 Prodrome 12
 Progesterone T4
 Pro-inflammatory cytokinesT123, W82
 Proof of conceptM25
 Proopiomelanocortin neuronsT194
 Prophylactic M178
 PropranololM6
 Protein aggregationT32
 Proteomics41.3, 54.5, W124, W146
 Psilocybin47.5, M41, M140, T46, T129, W77, W97
 Psychedelic medicine 47, M140, T46
 Psychedelics 16, 47.2, 47.3, 47.4, 47.5, M41, M85, T62, T108, T129, W49, W99
 PsychENCODE 25.3
 Psychiatric disease 25
 Psychiatric education 33, W44
 Psychiatric genetics 5.4, 20, T174
 Psychological effectsT58
 Psychological painT99
 Psychomotor speed W174
 Psychomotor symptoms 45.1
 PsychoneuroimmunologyT180
 Psychopharmacology treatment guidelinesW90
 Psychophysiology 14.4, W17
 Psychosis 6.2, 30.4, 42.2, 54, M113, M115, M131, T132, T146, T152, W35, W116, W122, W137, W198
 Psychosis continuum 6.2
 Psychosis spectrum M122
 Psychosis spectrum disorders 47.3
 PsychostimulantsW25
 Psychotherapy T5, T167
 Psychotic depression W128
 Psychotic disorders 42
 Psychotic-like experiencesM98

- Psychotropic medications 18, T139, W42
- Post traumatic stress disorder (PTSD) 2, 2.1, 14.3, 14.4, 14.5, 23.5, 37.3, 51, 51.1, M2, M3, M10, M13, M14, M17, T3, T4, T5, T7, T72, T167, W9, W10, W12, W13, W14, W16, W63, W134
- Pubertal stress M85, W89
- Puberty T71
- Public health T168
- Punishment T170
- Pupillometry 14
- Pyramidal neuron 54.4
- qFISH M38
- QIDS-SR16 W68
- Quality of life T183
- Quantitative EEG M140
- Quantitative electroencephalography (qEEG) M182
- Quetiapine M98, T24
- R(-)-ketamine T115
- Racial differences W82
- Racism 51, 51.1, T10
- Raclopride M63, M96
- Randomized clinical trial T5, T136
- Randomized controlled trial 7.5
- Rapid antidepressant M53, M84
- Rapid mood screener W87
- Rapid-acting antidepressant T115
- Ras/MAPK pathway T13
- RASopathies M29
- Rats W20
- RCT M69
- Real-time fMRI W64
- Real-time fMRI neurofeedback M25, W84, W85, W194
- Receptor binding T28
- Receptor internalization, trafficking W166
- Recidivism M36
- Recordings W20
- Recovery 22
- Redox dysregulation 54.3
- Reelin M87
- Registry T111
- Regulatory policy 16
- Regulatory variation 20.4
- Reinforcement M188
- Reinforcement learning 44, M16, W192
- Reinforcement learning modelling M195
- Reinforcement-based decision-making T191
- Reinstatement M166, M177, T170
- Relapse T29
- REM sleep 49.4, M138, M159, T160
- Remission 38.3
- Remote memory W30
- Repetitive behavior W24
- Repetitive transcranial magnetic stimulation (rTMS) M21, M35, M91, T90, T199, W63, W86
- Reproduction M48
- Research domain criteria (RDoC) 55, T59
- Residency training 33
- Residential treatment 39.4
- Resilience 34.4, M197
- Resiliency M172
- Respiration T112
- Resting state 38.5, W116
- Resting state functional connectivity 12.2, 13.4, M123, M130, T13, T56, T59, W25, W106, W138
- Resting state intrinsic connectivity T55
- Resting-state fMRI 6.5, 45.2, M65, M191, T5, T31, T128, W39, W77, W120, W127
- Retina 49.3
- Retrotransposon 25.4
- Reversal learning T80
- Reward 27, 27.1, 49, M63, M153, M158, T76, W20, W28, W156
- Reward and aversion M145
- Reward anticipation T177
- Reward circuitry 34, 34.3, 46, M162, W143
- Reward functioning M61
- Reward learning M161, M190
- Reward memory W97
- Reward neural circuitry 38.5, W67
- Reward sensitivity W52
- Reward-based decision-making 39.3, M62, T191, W153
- Reward-seeking behavior M84, W115, W139
- Rhesus M18
- Risk and resilience 38.5, 39.1, M9, M11, W121
- Risk calculator 12.1, 12.3
- Risk taking behaviors W141
- RNA splicing W147
- RNAseq 10, 10.2, 49.4, T16, T18, T41, T107, T142, T156, W8, W56, W79
- Rodent models 6.3, M62, T47, W11
- Rosuvastatin T94
- Rumination T56
- Safety 39.2
- Salience 27.1
- Salience network 13.4, T31
- Salvinorin A T62
- Samidorphan M111, T151
- Schizoaffective disorder W112
- Schizophrenia (SCZ) 2.2, 6.3, 25.2, 37, 42.3, 43, 43.4, 45.1, 45.2, 45.3, 45.4, 48.2, 54.3, 54.4, M64, M106, M107, M108, M111, M114, M117, M118, M120, M122, M124, M125, M126, M128, M134, M136, M200, T25, T32, T33, T34, T36, T104, T134, T135, T136, T138, T139, T141, T143, T145, T146, T148, T150, T153, T154, T160, W110, W112, W114, W118, W121, W122, W123, W124, W125, W126, W129, W133, W134, W136, W138
- Schizophrenia and bipolar disorders 37.5, T140
- Schizophrenia negative symptoms 42.4
- Schizophrenia novel treatment 43.2, M71, T133, T137, T142, W130
- Schizophrenia prodrome 8
- Schizophrenia spectrum disorders 30, T197
- Schizophrenia subtypes 43.5, M116, T32
- Schizophrenia, antipsychotics 43.3, M110, T35, T37
- Schizophrenia, synaptic aberrations 6.5, 48, M200
- Schizophrenia; functional capacity; technology W132
- Schizophrenia; technology 42.4
- Schizophrenia-like behavior W135

- ScopolamineM88
- ScreeningW87
- SeahorseT112
- Self-administration41.4, M177, T50, W51, W148, W177, W187
- Self-regulationW194
- SeltorexantW60
- SensorimotorM23, T86
- Septum36.2
- SequencingM120
- Serious mental illness4
- Serotonin3.2, M180, T91, T189, W6, W52, W89
- Serotonin 1b receptorW52
- Serotonin 5-HT2A receptor47.4, M85, W200
- Serotonin 5-HT2C receptorM192
- Serotonin transporterM73
- Serotonin transporter genotypeT83
- SERTW6
- Serum levelsM92
- Set shifting24.2
- Severe major depressive disorderW62
- Sex23.3
- Sex chromosomesW179
- Sex differences3, 3.1, 3.4, 23, 24.4, 27, 27.1, 27.2, 27.3, 34, 34.5, 37.2, 37.4, 37.5, M16, M30, M32, M44, M94, M147, M189, T12, T67, T68, T71, T79, T96, T123, T164, T178, T181, T187, T193, W7, W39, W55, W79, W89, W142, W146, W157, W173, W178, W179, W188
- Sex hormones2.1, T67, W142
- Sexual dimorphism34.2, 36.3
- SGE-516T190
- Shank3T40
- Shati/Nat8lM95
- Short tandem repeatM120
- Side effectsW42
- Sigma-1 receptorT161
- Signal detectionT169
- Sign-trackingM151
- Simulated data42.5
- Simulated drivingT168
- Simultaneous PET-MRM96
- Single-cell analysis51.4
- Single-cell RNA sequencing20.5, 36, W109, W148
- Skin conductance responseT44, T57, W16
- SLC39A8T36
- Sleep49, M67, M70, M138, M189, T99, T116, T152, T159
- Sleep architectureM132, M140
- Sleep deprivationT26
- Sleep disturbance49.2, M27, M132, T97
- Slow wave sleepM159, T26
- SmartphoneW48
- Smartphone appsW164
- SmokingM153, W154
- Smoking cessationW177
- SMS text messagingM109
- SNRIM72
- SociabilityW41
- Social anxietyM8, T71
- Social attentionT169
- Social behavior24, 24.3, 24.4, 40, M32, M34, M100, M141, T84, T123
- Social brainM153
- Social cognitionT197
- Social communicationT78
- Social defeat40
- Social defeat stress10.2, M52, M76, T192
- Social dominanceT91
- Social factors and functioningT180
- Social functioning31.1
- Social interactionM28, M161
- Social isolation24.3, M34, W43, W115
- Social media monitoringW160
- Social motivationM51, M96
- Social processingT169
- Social recognition memoryM20, M32
- Social rejectionM8
- Social responsivenessM22
- Social withdrawalT107
- Socio-economic statusM26, T10
- Somatic mosaicisms25.4
- Somatostatin48.2
- Speed of processingW118
- Sphingosine 1-phosphate receptorT125
- Sphingosine-1-phosphateW105
- SpironolactoneM167
- Src family kinasesM87
- Selective serotonin reuptake inhibitors (SSRIs)M11, M72, T70, W93
- SSRTM154
- Statistical methodsW86
- Stem cellsT142, W108
- StimulantsW37, W173
- Strategy switchingM155
- Stress23.3, 32.3, 52.1, M70, M86, T120, W19, W27
- Stress and anxiety behavior14.5, M176, W197
- Stress and anxiety disordersM11, M116
- Stress and depression3.1, T60
- Stress and trauma23, 23.2, 51.3, M17, M24, T82, W21
- Stress copingM197, W13
- Stress models24.4, 34.5, 36.3, W180
- Stress reactivityM131, M169, T60, W165
- Stress resilience and susceptibilityM12, M194, T30
- Stress-induced dopamine releaseT171
- Striatal dopamine signalingT63
- Striatum6.3, 9.3, 10.4, M8, M102, T9, T158, W125
- Structural and functional connectivity13.3
- Structural MRI5.4, 45.2, M12, T15, T154, W120
- Structural neuroimaging12.4
- Structure of psychopathology55
- Subcallosal cingulateW83
- Subcortical shape analysisM26
- Subcortical-cortical motor loops45.1
- Subgenual anterior cingulateT16
- Substance abuseM123
- Substance abuse disorders22, 39.4, T167, T174
- Substance use disorders50, M3, T48, T169, T178, W186, W199

- Substantia nigraT50
 SUD-like phenotypes W175
 Suicidal behaviorM65, T140
 Suicidal ideationM65, T93, T95, T99, T140
 Suicidality5, 5.5, M60
 SuicideT99, T116, W84
 Suicide prediction5.5
 SulforaphaneM22, T137
 Susceptibility34.4
 SV2A protein43.3
 Symptom trajectoryM9
 SynapseT120
 Synapse pruning43.4
 Synapses43.2
 Synaptic aberrations32.3, 48
 Synaptic density43
 Synaptic functionW99
 Synaptic plasticity10.3, 32.3, 48.3, 52.1, M3, M15, T199
 SynchronyT30
 Synthetic psychoactive cathinonesW175
 Systematic reviewT197
 Systemic inflammationW198
 Systems biology29.3
 Systems neuroscience14, W148
 TAAR1M108, T149, W6
 Target engagementW26
 Task-based functional connectivityT78, W11
 TBIT79, W106
 TDCSW10
 TemperamentT84
 Temporal discriminationW131
 TestosteroneT65, T71
 Tetrapartite synapseM3, M144
 Thalamus24.3, M130
 THCM174
 Th-CreM187
 Theta6.4
 Theta burst transcranial magnetic stimulationM10
 Theta-burst stimulationM14
 Time cellW131
 Time-frequency6.4
 TimingM188
 TMST101
 TMS-EEGT153, W107
 Tobacco smokingW171
 ToleranceW174
 Top-downW196
 Top-down controlM119
 TouchscreenM196, T156, W115
 Training1
 Transcriptome20.2, T141
 Transcriptomics14.5, 37.3, T66, W8, W109
 Transdiagnostic5, M199, M200, W191
 Transforming growth factor beta-1T115
 TransgenerationalM15
 Transgenerational epigenetic effectsM11
 Transgenic miceM133, W4, W104, W162
 Transgenic modelsM194
 Translating innovation53
 Translational approaches to drug development7
 Translational neuroscience5, 9.2, 19.2, 22, 28.3, W181
 Translational pharmacologyM167
 Translational researchT6, T108
 TranslatomicsW8
 TraumaW17
 Trauma exposureT1, T69
 Traumatic brain injury15.2
 TreatmentM79, W160
 Treatment adherenceM109, W155
 Treatment mechanisms7
 Treatment outcome predictionT88, W155
 Treatment predictionW70
 Treatment resistant depression3.2, M68, T18, T90, T116, W85
 Treatment response42.5
 Treatment-refractory depressionW95
 Treatment-resistant schizophreniaM112
 Treatment-responseM55
 TRIP8bM50
 TrkBM20, W169
 Tryptophan catabolites (TRYCAT)M92, T160
 TSPO43, 43.5
 TSPO and [11C]PBR-28 PET43.3, M165, T7, T45
 Two-photon calcium imagingT126, T155
 Two-photon imaging14.2
 Type 1 corticotropin releasing factor receptorM1
 Type-2 diabetes30.4
 Ultra high-risk youth8
 Ultrasonic vocalizationW11
 UncertaintyW189
 Underrepresented35
 V1aductW101
 Vagus nerveM77
 Valence27.1, T118
 Validation40, W1
 VANILLAW101
 VapingM179
 VaporW135
 Vascular endothelial growth factorT90
 Ventral attention networkT6, T31
 Ventral capsule/ventral striatum9.3
 Ventral hippocampus39.2, M136, T14, T74, W66
 Ventral pallidum9.1, 52.2, M145, T166
 Ventral tegmental area (VTA)27.2, 32.4, M52, M186, T52
 Ventromedial prefrontal cortexT73, W84
 Verbal learningT137
 VeteransW63, W106
 ViolenceT139
 Visual attentionM119
 Visual cortex14.5, M119, T126
 Visual processingM103
 Visuospatial abilityT121
 Visuospatial working memoryT137, T138

vmPFC	W10	Withdrawal	M39, M148, M170, M189, T38
Voltage-gated calcium channel	M193	Women's health	T111
Voxel-based morphometry (VBM)	M163	Women's mental health	W93
Vulnerability	M172, W66	Working memory	48.2, M157, T20, T69, T182
Vulnerability traits	23.4	Worry	T56
White matter fractional anisotropy	M46	Xanomeline	T150
White matter integrity	W9	Youth	M4, M199
Whole-brain rodent imaging	7.4, W3	Zebrafish	M31, W69
Whole-cell patch clamp recording	W184	Zuranolone	T109, W91
Whole-genome	M120	α 5-GABAA receptor negative allosteric modulator	M84
Wistar Kyoto rat	M140		