**BAP SUMMER MEETING 23-26 JULY 2017**

**HARROGATE CONVENTION CENTRE**

King's Rd, Harrogate HG1 5LA

**Poster Sessions on Monday 24 and Tuesday 25 July**

**In Hall H**

Presenters should stand by their poster during the Monday Poster Session if it has an odd number. Presenters should stand by their poster during the Tuesday Poster Session if it has an even number.

Posters must be mounted on Sunday afternoon or Monday morning and should be left in place for the duration of the conference wherever possible. Velcro will be provided.

Posters must be no larger than 841mm WIDE by 1189mm HIGH (A0 paper size, portrait).

Full details of the poster board size: [https://www.bap.org.uk/pdfs/BAP_Postersize.pdf](https://www.bap.org.uk/pdfs/BAP_Postersize.pdf)

Members of the poster review panel will view the posters on both days. Poster Prizes will be awarded at the Conference Dinner on 25th July, at the Royal Hall, Harrogate.

**Poster Screens**

Posters will also be made available on three 46" touchscreen monitors placed around Hall H. In order to maximize the impact of your poster you are encouraged to provide a copy of your poster for display on these screens.

Please supply your poster as supplied to your printer (original, high resolution files only) by FRIDAY 16TH JUNE.

Posters provided by 16 June will also be forwarded to the abstract reviewers for consideration in this year’s prizes and awards in advance of poster sessions.

[https://www.dropbox.com/request/hCYUVw38EzfhlhNwMD91M](https://www.dropbox.com/request/hCYUVw38EzfhlhNwMD91M)
GROUP A – ANXIETY

A01
This abstract has been withdrawn

A02
INVESTIGATING THE EFFECTS OF GENDER ON ANXIETY-RELATED BEHAVIOUR EVOKED BY KAPPA OPIOID RECEPTOR ACTIVATION IN THE ELEVATED PLUS MAZE
Lalji HM, Bailey SJ, Bailey CP, Almatroudi A

A03
STRESS-INDUCED ANXIETY IS NOT REVERSED BY HISTAMINERGIC PRECURSOR CHRONIC TREATMENT IN C57BL/6J MICE
Daher F, Daher F, Padovan CM, Mattioli R

A04
ACTIVATION OF 5-HT7 RECEPTORS LOCALIZED IN THE MEDIAN RAPHE NUCLEUS ARE INVOLVED IN THE DISCONNECTION OF STRESSFUL MEMORIES IN RATS
Padovan CM, Lopes WL, Zuelli FMGC

A05
CACNA1C DYSFUNCTION: THE IMPACT ON ADULT NEUROGENESIS
Moon AL, Hall J, Thomas KL, Brydges N, Haan N

A06
NEURODEVELOPMENTAL AND BEHAVIOURAL CONSEQUENCES OF MATERNAL IMMUNE ACTIVATION IN MALE AND FEMALE WISTAR RATS

A07
GLUCOCORTICOID RECEPTOR AND ITS MODULATOR FKB51 MRNA EXPRESSIONS ARE DOWNREGULATED IN AN EXPERIMENTAL MODEL OF EARLY-LIFE ADVERSITY ASSOCIATED WITH PSYCHOPATHOLOGIES.
Juruena MF, Umeoka E, Umeoka MSS, Antunes-Rodrigues J, Garcia-Cairasco N, Mello MF

A08
THE IMPACT OF INDUCED AND UNMEDICATED PATHOLOGICAL ANXIETY ON A BACK-TRANSLATED MEASURE OF NEGATIVE BIAS.
Aylward J, Robinson OJ

A09
USING AN ONLINE PERSONALITY QUESTIONNAIRE FOR RAPID RECRUITMENT OF HARD TO FIND PARTICIPANTS IN PHARMACOLOGICAL RESEARCH
Patrick F, Higgens-Stockden F, Young AH, Perkins AM
A10
SEROTONIN TRANSPORTER (SLC6A4) EXPRESSION IN THE RIGHT AMYGDALA AND SEROTONIN 2A AND 2C RECEPTOR EXPRESSION RATIO (HTR2A:2C) IN THE RIGHT AMYGDALA AND DORSAL ANTERIOR CINGULATE CORTEX (DACC) ASSOCIATES WITH ANXIOUS BEHAVIOUR
Quah SKL, Santangelo AM, Roberts AC
This will also be presented as a Short Oral on Tuesday afternoon

A11
EVALUATING THE ANXIOLYTIC POTENTIAL OF IBUPROFEN IN THE 7.5% CARBON DIOXIDE EXPERIMENTAL MODEL OF ANXIETY
Barnes JW, Taylor ANW, Board A, Bell R, Hilton S, Mekhail I, Kok JJC, Baldwin DS, Garner M

A12
FMRI INVESTIGATION OF THE EFFECT OF INDUCED ANXIETY ON PAVLOVIAN BIASES DURING REINFORCEMENT LEARNING IN HEALTHY AND ANXIOUS INDIVIDUALS
Goer FK, Aylward J, Mkrtchian A, Roiser J, Robinson OJ
This will also be presented as a Short Oral on Tuesday afternoon

A13
THE PSYCHOLOGICAL AND PHYSIOLOGICAL EFFECTS OF A NOVEL VIRTUAL REALITY STRESSOR.
Martens MAG, Antley A, Pomes A, Slater M, Freeman D, Tunbridge EM, Harrison PJ

A14
NEUROMETABOLITES IN ANTERIOR CINGULATE CORTEX IN CHRONIC FATIGUE SYNDROME: A MAGNETIC RESONANCE SPECTROSCOPY STUDY AT 7 TESLA
Godlewska BR, Chen C, Emir U, Angus B, Andersson M, Cowen PJ

A15
NEURAL SYSTEMS UNDERLYING ACTIVE AVOIDANCE BEHAVIOUR IN MAJOR DEPRESSION
Wise T, Marwood L, Williams SCR, Cleare AJ, Perkins AM
This will also be presented as a Short Oral on Tuesday afternoon

A16
BELIEF ABOUT TREATMENT ALLOCATION PREDICTS PLACEBO RESPONSE IN THE 7.5% CARBON DIOXIDE MODEL OF ANXIETY
Huneke NTM, Bamford S, Baldwin DS, Garner M

A17
CONCOMITANT PRESCRIPTIONS OF TRAMADOL OR PREGABALIN WITH ANTIDEPRESSANT DRUGS IN A PAIN SERVICE OUTPATIENT CLINIC: A RETROSPECTIVE CROSS-SECTIONAL CASE-NOTE STUDY.
Mutta E, Miorelli A, Price C, Baldwin DS

A18
EFFECTS OF SSRS ON PERIPHERAL INFLAMMATORY CYTOKINES IN PATIENTS WITH FIRST EPISODE GENERALISED ANXIETY DISORDER
This will also be presented as a Short Oral on Tuesday afternoon
GROUP B – DEVELOPMENTAL DISORDERS

B01
MODULATING CATECHOLAMINERGIC NEURONS IN THE 5-CHOICE SERIAL REACTION TIME TASK USING DESIGNER RECEPTORS EXCLUSIVELY ACTIVATED BY DESIGNER DRUGS (DREADDS)
Fitzpatrick CF, Runegaard AH, Christiansen SH, Navntoft C, Woldbye DW, Gether U, Andreasen JT

B02
EFFECTS OF AMPHETAMINE AND DOI ON IMPULSIVE ACTION IN THE 5-CHOICE SERIAL REACTION TIME TASK
Fitzpatrick CM, Maric VS, Andreasen JT

B03
ASSESSING ATTENTION & IMPULSIVITY IN A PUTATIVE MODEL OF ADHD
Fitzpatrick CF, McGirr J, Rickhag M, Gether U, Andreasen JT

B04
EXPLORING CORTICAL DYSREGULATION OF GABAERGIC PATHWAYS IN THE PSYCHIATRIC ILLNESS-RELEVANT CYFIP1+-KO MOUSE
Storan M, Best C, Moon A, Hall J, Trent S

B05
ADHD AND STIMULANT MEDICATION DISRUPT THE TEMPORAL LAG STRUCTURE WITHIN DEFAULT MODE AND SALIENCE NETWORKS
Clarke CL, Sethi A, Cercignani M, Harrison NA

B06
DOPAMINERGIC MODULATION OF COGNITION IN ADULTS WITH ATTENTION-DEFICIT HYPERACTIVITY DISORDER (ADHD)
Hook RH, Muller U, Ioannidis K, Isobe M, Grant J, Chamberlain SR, Myklebust S

B07
THE NEUROFUNCTIONAL CORRELATES OF TIME DISCRIMINATION IN YOUNG ADULTS WITH AUTISM SPECTRUM DISORDER, ATTENTION-DEFICIT/HYPERACTIVITY DISORDER AND THE COMORBID CONDITION
Lukito S, O’Daly O, Lythgoe DJ, Whitwell S, Debnam A, Simonoff E, Rubia K

B08
REDUCED DEFAULT MODE CONNECTIVITY IN ADOLESCENTS WITH CONDUCT DISORDER
Broulidakis MJ, Fairchild G, Sully K, Blumensath T, Darekar A, Sonuga-Barke EJ

B09
COMPUTERISED COGNITIVE REMEDIAION THERAPY IN ADULTS WITH ADHD: PRELIMINARY STUDY
Tomlinson A, Baskind R, Johnson J, Neill JC

B10
SHARED AND DISORDER-SPECIFIC NEUROCOMPUTATIONAL MECHANISMS OF DECISION-MAKING IN AUTISM SPECTRUM DISORDER AND OBSESSIVE-COMPULSIVE DISORDER
Carlisi CO, Norman LJ, Murphy CM, Christakou A, Chantiluke K, Giampietro V, Simmons A, Brammer M, Murphy DM, Mataix-Cols D, Rubia K
GROUP C – AFFECTIVE DISORDERS

C01
FOXO1, A2M AND TGFβ1: THREE NOVEL GENES PREDICTING DEPRESSION IN GENE X ENVIRONMENT INTERACTIONS ARE IDENTIFIED USING CROSS-SPECIES AND CROSS-TISSUES TRANSCRIPTOMIC AND MIRNOMIC ANALYSES

C02
ASSOCIATIONS BETWEEN POLYGENIC RISK SCORES FOR FIVE PSYCHIATRIC ILLNESSES AND BRAIN STRUCTURE USING MULTIVARIATE PATTERN RECOGNITION.

C03
EVIDENCE OF A SEX-SPECIFIC EFFECT OF CALCIUM VOLTAGE-GATED CHANNEL SUBUNIT ALPHA 1 C (CACNA1C) SINGLE NUCLEOTIDE POLYMORPHISMS ON MOOD DISORDER PHENOTYPES WITHIN TWO POPULATION COHORTS

C04
GENOME-WIDE ANALYSIS OF 113,968 INDIVIDUALS IN UK BIOBANK IDENTIFIES FOUR LOCI ASSOCIATED WITH MOOD INSTABILITY

C05
A META-ANALYSIS OF REWARD PROCESSING DIFFERENCES BETWEEN DEPRESSED AND HEALTHY INDIVIDUALS
Halahakoon DC, Roiser JP

C06
ATYPICAL DEPRESSION AND NON-ATYPICAL DEPRESSION: IS HPA AXIS FUNCTION A BIOMARKER? A SYSTEMATIC REVIEW
Juruena MF, Bocharova M, Agustini B, Young AH

C07
WHERE’S THE LAG? EARLY ONSET OF LITHIUM RELAPSE PREVENTION IN BIPOLAR DISORDER
Taylor MJ

C08
SERUM FACTORS AS PREDICTORS OF INTERFERON (IFN)-ALPHA INDUCED DEPRESSION
Borsini A, Hepgul N, Russell A, Zajkowska Z, Zunszain PA, Pariante CM, Thuret S
C09
THE ROLE OF ENDOCANNABINOIDS IN INFLAMMATION-INDUCED DEPRESSION
Zajkowska Z, Russell A, Hepgul N, Borsini A, Forton D, Agarwal K, Zunszain PA, Mondelli V, Pariante CM
This will also be presented as a Short Oral on Tuesday afternoon

C10
THE ROLE OF CARDIOVASCULAR ASSOCIATED INFLAMMATORY MARKERS IN DEVELOPMENT OF DEPRESSION
Nikkheslat N, Zunszain PA, Tylee A, Carvalho LA, Pariante CM

C11
INVESTIGATING THE LINK BETWEEN CHILDHOOD TRAUMA, CORTISOL LEVELS, INFLAMMATION, AND RESPONSE TO TREATMENT IN PATIENTS WITH DEPRESSION

C12
EXPRESSION CHANGES OF INFLAMMATION-RELATED GENES IN THE BLOOD MRNA OF PATIENTS WITH DEPRESSION: A STUDY IN TREATMENT RESISTANT, TREATMENT RESPONSIVE, OR UNTREATED PATIENTS
This will also be presented as a Short Oral on Tuesday afternoon

C13
THE ROLE OF CORTISOL LEVELS IN THE RESPONSE TO ANTIGLUCOCORTICOID TREATMENT IN PATIENTS WITH MOOD DISORDERS: A SYSTEMATIC REVIEW
Lombardo G., Gianotti L, Pariante CM, Mondelli V

C14
EFFECTS OF SSRIS ON INFLAMMATORY MARKERS IN PATIENTS WITH MAJOR DEPRESSIVE DISORDER: A SYSTEMATIC REVIEW AND META-ANALYSIS

C15
A SYSTEMATIC REVIEW OF ANTI-INFLAMMATORY AGENTS IN THE TREATMENT OF MOOD DISORDERS

C16
‘SEROTONIN SYNDROME’ WITH TRAMADOL ALONE AND IN COMBINATION WITH SSRI/SNRI ANTIDEPRESSANTS
Huneke NTM, Baldwin DS, Mills S

C17
Efficacy and safety of lurasidone in children and adolescent patients with bipolar I depression
Goldman R, DelBello MP, Deng L, Cucchiaro J, Loebel A

C18
THE EFFECT OF FOUR WEEKS SSRI ADMINISTRATION ON NONVERBAL BEHAVIOUR IN HIGH AND LOW NEUROTIC HEALTHY VOLUNTEERS
This will also be presented as a Short Oral on Tuesday afternoon
This abstract has been withdrawn

DOSE-DEPENDENT EFFECTS OF KETAMINE AND NORKETAMINE ON BRAIN PERFUSION IN HEALTHY VOLUNTEERS
de Rover M, van Osch MJ, Duhan A, Niesters M

THE EFFECT OF A TRANSDERMAL SCOPOLAMINE PATCH ON EMOTIONAL PROCESSING
Bukala BR, Browning M, Cowen PJ, Murphy SE, Harmer CJ

A PILOT AUDIT OF ANTIDEPRESSANT SWITCHING IN A COMMUNITY MENTAL HEALTH TEAM.
Hodgson RE, Eboka YM

THE EFFECTS OF ADJUNCTIVE MINOCYCLINE THERAPY IN TREATMENT RESISTANT DEPRESSION (MINDEP)

INFLUENCE OF BASELINE GABA ON REWARD PREDICTION ERROR IN HEALTHY AND DEPRESSED INDIVIDUALS
Kumar PK, Jensen JE, Bachetti JLB, Yiang JY, Pizzagalli DAP

GLUTAMATERGIC SYSTEM AND DEPRESSION: AN MRS 7 TESLA STUDY IN MEDICATION-FREE DEPRESSED PATIENTS
Godlewska BR, Emir U, Sharpley A, Masaki C, Cowen PJ

DISSOCIABLE TEMPORAL EFFECTS OF BUPROPION ON BEHAVIOURAL MEASURES OF EMOTIONAL AND REWARD PROCESSING IN MAJOR DEPRESSIVE DISORDER
Walsh AEL, Michael B, Drevets WC, Furey M, Harmer CJ

WISTAR KYOTO VS. SPRAGUE DAWLEY RATS IN THE DELAYED NON-MATCH TO SAMPLE TASK: EFFECTS OF KETAMINE AND PREGNENOLONE-METHYL-ETHER (PME).
Sokolowska E, McDonell CW, Rouine J, DiCapua G, Prenderville JA, Bianchi M

RESTRAINT STRESS-INDUCED DEFICITS ON EXPLORATORY ACTIVITY ARE ATTENUATED BY FACILITATION OF 5HT7 RECEPTORS IN THE MEDIAN RAPHE NUCLEUS OF RATS.
Padovan CM, Daher F, Lopes WL, Zuelli FMGC

POSSIBLE INVOLVEMENT OF THE MAMMALIAN TARGET OF RAPAMYCIN (MTOR) SIGNALING PATHWAY IN THE ANTIDEPRESSANT-LIKE EFFECT OF AGMATINE AS A NOVEL ENDOGENOUS NEUROMODULATOR
Ozkartal CS, Aricioglu F, Tuzun E, Keles R, Kucukali CI
C30 PHARMACODYNAMIC EFFECTS OF THE P2X7 RECEPTOR ANTAGONIST JNJ-54175446 IN A TRANSLATIONAL HUMAN DEXAMPHETAMINE CHALLENGE MODEL

C31 MICROTUBULAR PROTEINS AS PLASMA BIOMARKERS OF KETAMINE ANTIDEPRESSANT EFFICACY – A TIME COURSE STUDY IN THE RAT
Fisher AD, Rouine J, McDonnell C, DiCapua G, Prenderville JA, Bianchi M

C32 MINOCYCLINE MODULATES HIPPOCAMPAL NMDA RECEPTOR SIGNALLING IN A MOUSE INFLAMMATION MODEL
Chan SY, Burnet PWJ
This will also be presented as a Short Oral on Tuesday afternoon

C33 ALTERATIONS IN PLASMA CYTOKINE EXPRESSION AT BASELINE AND FOLLOWING ACUTE STRESS IN ‘DEPRESSED’ WISTAR-KYOTO RATS
Burke T, Prenderville J, McDonnell CW, Rouine J, Bianchi M

C34 INVESTIGATING THE EFFECTS OF D-ALANINE ON ACTH SECRETION AND SIGNALLING PROTEINS IN ATT20 PITUITARY CELLS
Naidoo K, Burnet PWJ

C35 CLINICAL CORRELATES OF COGNITIVE IMPAIRMENT IN PATIENTS WITH EUTHYMIC BIPOLAR DISORDER

C36 NEURAL ACTIVATION IN MAJOR DEPRESSION DISORDER USING A FMRI PROBABILISTIC REINFORCEMENT LEARNING TASK
Antonesei A, Murayama K, McCabe C

C37 CHARACTERISING AND ENGAGING COMPUTATIONAL TARGETS RELEVANT TO DEPRESSION
Pulcu E, Browning M

C38 NEURAL AND CLINICAL EFFECTS OF PREFRONTAL CORTEX STIMULATION TO ENHANCE PSYCHOTHERAPY IN DEPRESSION: A DOUBLE-BLIND RANDOMIZED CONTROLLED TRIAL

C39 A RANDOMISED, CONTROLLED TRIAL ASSESSING THE EFFECT OF ACTION-BASED COGNITIVE REMEDIATION ON COGNITION AND NEURAL ACTIVITY IN BIPOLAR DISORDER AND HEALTHY FIRST-DEGREE RELATIVES
Ott CV, Petersen JZ, Vinberg M, Bowie C, Kessing LV, Miskowiak KW

C40 THE ASSOCIATION BETWEEN SLEEP AND COGNITIVE ABNORMALITIES IN BIPOLAR DISORDER
RESPONSES TO SOCIAL FEEDBACK IN INDIVIDUALS WITH DEPRESSION SYMPTOMS
Frey AL, Cooney S, Copeman B, McCabe C

IMPACT OF MATERNAL HISTORY OF CHILDHOOD ABUSE ON NEONATAL SOCIAL INTERACTION: THE MEDIATING ROLE OF FOETAL DEVELOPMENT
Sawyer K, Sethna V, Conroy S, Pawlby S, Sundaresh S, Biaggi A, Hazelgrove K, Osborne S, Pariante CM

ANTENATAL DEPRESSION IMPAIRS MOTHER-INFANT INTERACTION AT 12 MONTHS
Bind RH, Biaggi A, Hazelgrove K, Osborne S, Fantini E, Conroy S, Sethna V, Pawlby S, Pariante CM

ANTENATAL DEPRESSION AND MENTALIZATION IN MOTHER-INFANT INTERACTION AT 12 MONTHS

PAIN AS A FACTOR THAT MAY WORSEN DEPRESSIVE DISORDER.
Macedo BBD, Menezes IC, Baes CVW, Juruena MF

IMPACT OF MAJOR DEPRESSION ON CARDIOVASCULAR OUTCOMES FOR INDIVIDUALS WITH HYPERTENSION: PROSPECTIVE STUDY IN UK BIOBANK

DEPRESSIVE SYMPTOMS ARE MORE SEVERE IN PATIENTS WITH CHRONIC PAIN
Juruena MF, Macedo BBD, Menezes IC, Baes CVW

THE PRESENCE OF EARLY-LIFE STRESS AND ITS SUBTYPES RAISES THE SUICIDAL IDEATION SCORES OF BIPOLAR PATIENTS WHEN COMPARED TO UNIPOLAR PATIENTS.
Menezes IC, Baes CVW, Macedo BBD, Cleare AJ, Young AH, Juruena MF

GROUP D - COGNITION

TRACKING BEHAVIOURAL CHANGES FOLLOWING INDUCTION OF OLFATORY BULBAR A-SYNUCLEINOPTHY IN MICE
Travaglio M, Blackmore T, Loomis S, Eaton J, Gilmour G, Marston H

INDUCTION OF CACNA1C HYPOFUNCTION IN KETAMINE-ACTIVATED BRAIN NETWORKS IMPAIRS MEMORY CONSOLIDATION AND ALTERS CEREBRAL METABOLISM
Dawson N, Hughes R, Willi C, Whittingham-Dowd J, Bristow G

CEREBROVASCULAR CHANGES IN A MOUSE MODEL OF ALZHEIMER'S DISEASE FOLLOWING LIPOPOLYSACCHARIDE (LPS) TREATMENT
Culi N, Agostini A, Serres S, Pardon MC
D04
THE WISTAR KYOTO RAT DISPLAYS A NUMBER OF COGNITIVE DEFICITS, SOME OF WHICH ARE SEX-SPECIFIC
Doherty H, Kelly JK

D05
INVESTIGATION INTO EPISODIC MEMORY DEFICITS IN AN ANIMAL MODEL FOR SCHIZOPHRENIA.
Lambert SL, Neill JC, Gigg J

D06
OPENING THE FILE DRAWER ON FAILURES IN EXPERIMENTAL HABIT INDUCTION
Gillan CM, de Wit S, Kindt M, Knot S, Verhoeven AAC, Robbins TW, Gasull J, Evans M, Mirza H, Gillan CM

D07
EVALUATION OF A SHORT, ROBUST FMRI CONTROL TASK FOR PHARMACOLOGICAL FMRI STUDIES
Harvey-Cox JL, Demetriou L, Wall MB

D08
COGNITIVE BIAS MODIFICATION OF FACE EMOTION PERCEPTION: A RANDOMISED CONTROLLED TRIAL OF TRANSFERENCE TO COGNITIVE AND SELF-REPORT MEASURES IN HEALTHY VOLUNTEERS
Peters SE, Lumsden J, Peh OH, Penton-Voak IS, Munafò MR, Robinson OJ

D09
DISSECTING CONTRIBUTIONS TO ANHEDONIA FROM MOTIVATION TO EXERT PHYSICAL EFFORT FOR REWARDS: A COMPUTATIONAL ANALYSIS OF BEHAVIOUR
Valton V, Gray A, VanUrk S, Payne MEM, Roiser JP

D10
REWARDS AND PUNISHMENTS DIFFERENTLY AFFECT MOTIVATION TO EXERT COGNITIVE EFFORT
Mkrtchian A, Valton V, Roiser JP

D11
A CAUSAL ROLE FOR NORADRENALINE IN CONTROLLING THE INFLUENCE OF PRIOR BELIEFS DURING DECISION MAKING: A DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY.
Lawson RP, Bisby J, Imber S, Burgess N, Rees G

D12
DOES CHRONIC MDMA USE ENHANCE FEELINGS OF EMPATHY?
Kosmider S

D13
MDMA INCREASES ACTIVITY OF SOCIAL BRAIN AREAS AND COOPERATIVE RESPONSES WHEN INTERACTING WITH TRUSTWORTHY PLAYERS DURING AN ITERATED PRISONER’S DILEMMA
Gabay AS, Kempton MJ, Mehta MA

D14
UNDERSTANDING COGNITIVE FUNCTIONS RELATED TO DRIVING FOLLOWING KAVA (PIPER METHYSTICUM) USE AT TRADITIONAL CONSUMPTION VOLUMES
Aporosa A
D15
IS IMPAIRED RESPONSE CONTROL WHILST DRINKING ALCOHOL DUE TO IMPAIRED
ATTENTION?
Stevens T, Morgan CJA, McAndrew A, Carlyle M

D16
THE EFFECTS OF DELTA-9-TETRAHYDROCANNABINOL (THC) ON HIPPOCAMPAL MEMORY
FUNCTION: A SYSTEMIC REVIEW

D17
ACTION AND BELIEF UPDATE IN AN UNSTABLE ENVIRONMENT IN OBSESSIVE-COMPULSIVE
DISORDER
Vaghi MM, Luyckx F, Sule A, Fineberg NA, Robbins TW, De Martino B

D18
DOES N-ACETYLCYSTEINE AFFECT MEASURES OF COMPULSIVITY IN AN EATING-DISORDER
RISK GROUP?
Pike AC, Sharples AL, Williams C, Park RJ, Cowen PJ

GROUP E – SCHIZOPHRENIA / PSYCHOSIS

E01
GABAA RECEPTOR AVAILABILITY IN PATIENTS WITH SCHIZOPHRENIA: A PET STUDY USING
[11C]-RO15
Reis Marques T, Veronese M, Rabiner I, Turkheimer FE, Howes OD

E02
HIPPOCAMPAL, PFC AND DOPAMINE DYSFUNCTION IN FIRST EPISODE PSYCHOSIS
PATIENTS
Pepper F, Kotoula V, Jauhar S, Howes O
This will also be presented as a Short Oral on Tuesday afternoon

E03
A TEST OF THE TRANS-DIAGNOSTIC DOPAMINE HYPOTHESIS OF PSYCHOSIS: A PET STUDY
IN BIPOLAR AFFECTIVE DISORDER AND COMPARISON WITH SCHIZOPHRENIA

E04
FIRST EXPERIENCE OF MEASURING GLUTAMATE SYNTHESIS IN VIVO IN SCHIZOPHRENIA
USING 13C-MAGNETIC RESONANCE SPECTROSCOPY (MRS)
PF, Conen S, MacDonald IA, Morris PG, Williams SR, Deakin JFW

E05
AUDITORY VERBAL HALLUCINATIONS IN FIRST EPISODE PSYCHOSIS – AN FMRI SYMPTOM
CAPTURE STUDY.

E06
MU- OPIOID RECEPTOR AVAILABILITY IN SCHIZOPHRENIA PATIENTS WITH NEGATIVE
SYMPTOM: A POSITRON EMISSION TOMOGRAPHIC STUDY USING [11C]-CARFENTANIL
Ashok AH, Marques TR, Rabiner EA, Howes OD
A PLACEBO-CONTROLLED STUDY OF THE ACUTE EFFECTS OF CANNABIS ON PSYCHOTIC-LIKE SYMPTOMS IN ADOLESCENTS AND ADULTS
Mokrysz C, Shaban N, Freeman TP, Curran HV

SAFETY OF LURASIDONE IN ADOLESCENTS WITH SCHIZOPHRENIA: INTERIM ANALYSIS OF A 24-MONTH, OPEN-LABEL EXTENSION STUDY
Tocco M, Correll C, Arango C, Goldman R, Cucchiaro J, Deng L, Loebel A

EFFECTIVENESS OF LURASIDONE IN ADOLESCENTS WITH SCHIZOPHRENIA: INTERIM ANALYSIS OF A 24-MONTH, OPEN-LABEL EXTENSION STUDY
Tocco M, Arango C, Correll C, Goldman R, Cucchiaro J, Deng L, Loebel A

CLINICAL AND ECONOMIC OUTCOMES WITH PALIPERIDONE AND ARIPIPRAZOLE LONG ACTING IN CLINICAL PRACTICE
Hodgson RE

DIFFERENTIAL EFFECTS OF ANTIPSYCHOTIC EXPOSURE ACROSS STAGES OF REWARD PROCESSING IN A PLACEBO CONTROLLED DESIGN
Hawkins PCT, Vernon AC, Mehta MA

PALIPERIDONE LONG-ACTING INJECTION: ONE-YEAR OUTCOMES IN CLINICAL PRACTICE
Deslandes PN, Ward E, Norris K, Sewell RDE

AMISULPRIDE AUGMENTATION OF CLOZAPINE FOR TREATMENT-REFRACTORY SCHIZOPHRENIA: THE AMICUS STUDY

AUDIT ON BASELINE MONITORING SERUM PROLACTIN
Jayakumar A, Krishnan V

TREATMENT OF DEPRESSION IN SCHIZOPHRENIA: IMPORTANCE AND THERAPEUTIC CHALLENGES
Uptegrove RA, Mallikarjun P, Gregory A

INCREASED DNA METHYLATION AT A TRANSCRIPTION FACTOR BINDING SITE IN THE GENE FOR THE 5-HT1A RECEPTOR CORRELATES WITH NEGATIVE SYMPTOMS IN FIRST EPISODE PATIENTS.
Reynolds GP, Fachim HA, Tang H, Zeng L, Yang JZ

INFLAMMATORY MARKERS’ ROLE IN SCREENING FOR PHYSICAL COMORBIDITIES IN PATIENTS AT FIRST EPISODE OF PSYCHOSIS.
THE EFFECTS OF Δ9-TETRAHYDROCANNABINOL (THC) ON EMOTIONAL PROCESSING: A SYSTEMATIC REVIEW
Lees RH, Petrilli K, Hindocha C, Howes O, Curran V, Freeman T, Bloomfield M

IMMUNE DYSFUNCTION, DEPRESSIVE AND NEGATIVE SYMPTOMS IN SCHIZOPHRENIA

INTERACTIVE EFFECTS OF EARLY LIFE STRESS AND CACNA1C GENOTYPE ON CORTISOL AWAKENING RESPONSE
Klaus K, Butler K, Gutierrez H, Durrant SJ, Pennington K

(POMH-UK) TOPIC ON PRESCRIBING ANTIPSYCHOTICS FOR CHILDREN AND ADOLESCENTS
Gupta V, Hegarty A

WHAT DOES AUGMENT THE RISK TO USE CANNABIS ON AN EVERYDAY-BASIS IN PSYCHOTIC PATIENTS?
Ferraro L, DiForti M, Capuccio V, Quattrone D, Tripoli G, Seminerio F, Sartorio C, Sideli L, La Cascia C, La Barbera D, Murray RM

HPA-AXIS FUNCTION DIFFERS IN CLINICAL AND NON-HELP-SEEKING POPULATIONS WITH AUDITORY VERBAL HALLUCINATIONS
Baumeister D, Chadwick P, Howes O, Peters E

DIFFERENTIAL INVOLVEMENT OF OXYTOCIN AND V1A RECEPTORS IN THE THERMOREGULATORY, SEDATIVE AND PROSOCIAL EFFECTS OF OXYTOCIN IN THE RAT
Williams S, Edwards A, King MV

THE GLP1-R AGONIST LIRAGLUTIDE IMPROVES COGNITION AND RESTORES BRAIN METABOLISM IN NEUREXIN-1 A HETEROZYGOUS MICE.
Whittingham-Dowd JK, Hughes R, Bristow G, Clapcote SJ, Dawson N

EFFECT OF NICOTINIC ALPHA 7 RECEPTOR AGONIST AND POSITIVE ALLOSTERIC MODULATORS ON COGNITIVE SYMPTOMS IN SUBCHRONIC MK-801 MODEL OF SCHIZOPHRENIA IN RATS
Unal G, Aricioglu F, Hazar-Yavuz AN, Zortul H

DYSREGULATED GABAERGIC EXPRESSION IN RODENT CYFIP1+- KO MODELS, BUT NOT IN OTHER GENETIC OR NEURODEVELOPMENTAL MODELS OF RISK FOR PSYCHIATRIC ILLNESS
Trent S, Best C, Storan M, Moon A, Hall J

GENETIC DELETION OF GPR88 RECEPTORS MODIFIES THE INFLUENCE OF AMPHETAMINE, DA AGONISTS AND PCP UPON LOCOMOTOR BEHAVIOUR IN MICE
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Kokkinou M, Bonsall DR, Irvine EE, Ungless MA, Withers DJ, Howes OD
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OXYTOCIN ENHANCES PRO-SOCIAL BEHAVIOUR, ATTENUATES PCP-INDUCED HYPERACTIVITY AND INCREASES DOPAMINE OVERFLOW IN THE NUCLEUS ACCUMBENS IN THE RAT.
Kohli S, Edwards A, Alberati D, Ballard TM, Steward LJ, King MV, Fone KCF

GESTATIONAL POLY(I:C) ATTENUATES FRONTAL CORTICAL CYTOKINE, MTOR AND SEROTONERGIC RESPONSES TO ISOLATION REARING IN A ‘DUAL-HIT’ MODEL FOR SCHIZOPHRENIA
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NEUREXIN-1 HYPOFUNCTION EXTENDS LIFE SPAN, AMELIORATES BEHAVIOURAL SENESCENCE AND ALTERS SLEEP STRUCTURE IN DROSOPHILA MELANOGASTER
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SEROTONIN DEPLETION LESSENS THE BENEFIT OF MOTIVATIONALLY SALIENT FEEDBACK
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