



32nd ECNP Congress

7-10 September 2019

Copenhagen, Denmark

The future of CNS treatments

Programme

Saturday 7 September

- 12:15-13:45** **Satellite Symposia**
Auditorium 15 C.01 | Bipolar disorder and pregnancy *D. Dudek, W.J. Cubala, P. Thomas, A. Gonzalez-Pinto*
Educational financial support provided by Sanofi
- Room C1** C.02 | Managing adult ADHD patients with psychiatric comorbidity
L. Klassen, D. Goodman, C. Crunelle
Educational financial support provided by Takeda/Global Medical Education
- Room C4** C.03 | Patient centricity in depression: how to measure what is most important? *G. MacQueen, K. Demyttenaere, P. Chokka*
Educational financial support provided by H. Lundbeck A/S
- 13:45-14:30** **ECNP Patient Session**
Hall A3 ES.01 | ECNP Patient session – Patient involvement in clinical trials
C. Arango, A. Bilderbeck, E. Cjörup, V. Frokjaer
- 14:45-16:15** **Satellite Symposia**
Auditorium 15 C.04 | Improving outcomes of schizophrenia with long-acting antipsychotic treatment: impact on patients and carers
I. Bitter, D. Taylor, S. Galderisi, R. Emsley, A. Fink-Jensen
Educational financial support provided by Janssen Pharmaceutica NV
- Room C4** C.06 | Demystifying common issues in major depressive disorder: recognise and act! *M. Vinberg, M. Opler, R. McIntyre*
Educational financial support provided by Medscape Psychiatry (unrestricted grant from H. Lundbeck A/S)
- 16:15-16:50**  **Break**
Hall C Coffee Break
- 16:50-18:30** **Symposia & Educational Update Session**
Room C1 S.01 | The glymphatic system, an uncharted framework in sleep medicine and neurodegenerative diseases
H. Benveniste, J. Wells, M. Nedergaard, V. Kiviniemi
- Auditorium 15** S.02 | Repurposing of statins for the treatment of depression
F. Lamers, C. Otte, O. Köhler-Forsberg, E. Salagre
- Room C4** S.03 | Better treatments for eating disorders: targeting the interplay between brain and metabolism
N. Ramoz, G. Frank, J. Treasure, R. Hassouna
- Hall A3** S.04 | Panel Discussion – Neuroimaging in psychiatry: opportunities and challenges in large-scale collaborative efforts
L. Schmaal, O.A. Andreassen, O. van den Heuvel, J.K. Buitelaar, A. Meyer-Lindenberg, B. Franke
- Hall A2** E.01 | Diagnosis and treatment of high-functioning autism
C. Moreno, L. Tebartz van Elst

Saturday 7 September

Keynote Session | KL.01 | 18:45-20:00 | Hall A1

Welcome from the president



Celso Arango, Spain

Celso Arango is Head of the Child and Adolescent Psychiatry at Hospital General Universitario Gregorio Marañón and

Professor of Psychiatry at the Universidad Complutense of Madrid. One of Europe's leading child and adolescent psychiatrists, he has been ECNP president since 2016. In his last ECNP Congress presidential address he looks at the future of the field.

Keynote Lecture



Karl Deisseroth, USA

Linking circuit dynamics with molecular data-streams at cellular-resolution across the vertebrate brain

Karl Deisseroth is the D. H. Chen Professor of Bioengineering and of Psychiatry and Behavioral Sciences at Stanford University. One of the leading neuroscientists in the world today, he is recipient of the Brain Prize (2013), the Albany Medical Center Prize (2015), the BBVA Foundation Frontiers of Knowledge Award (2015), Breakthrough Prize in Life Sciences (2016), and the Gairdner Foundation International Award (2018).

Welcome Reception

20:00-21:00 | Auditorium Foyer

Following the Keynote Session, participants are invited to the Welcome Reception held at the congress centre where a drink and a small bite will be served.

Two areas have been reserved especially for early career scientists and first-time participants.



Sunday 8 September

7:00-8:00
Congress centre  **Run with the president**
It's a run, not a race (5 or 10 km)

7:45-8:45
Room B1 **Brainstorming Sessions**
BS.01 | Improving preclinical data quality in neuropsychopharmacological research: is the glass half empty or half full? *T. Steckler, M. Macleod*
Room B2 BS.02 | Beyond ketamine: novel 5-HT1A biased agonists as safer and rapid-acting antidepressants *L. Zimmer, A. Newman-Tancredi*
Room B3 BS.03 | Solving the 'riddle' of pharmacogenomics in psychiatry *B.T. Baune, R. Van Westrhenen*

7:45-8:45
Room B4  **Yoga**
Start your day in a relaxed way

9:00-10:40
Auditorium 15 **Symposia & Educational Update Session**
S.05 | Gene therapy for brain disorders, a pioneering approach with multifaceted methods *G. Ronzitti, S. Espinoza, M.G. Biferi, G. Lignani*
Hall A2 S.06 | Rediscovering opioid modulators for the treatment of depression *C. Sanchez, B.L. Kieffer, J. Kelly, S. O'Mare*
Room C4 S.07 | Big data and team science shape our understanding of ADHD *D. Demontis, M. Hoogman, M. Plichta, I. Wong*
Hall A1 S.08 | Progress in drug development – New medications and clinical trials *S. Mates, K. Koblan, J.M. Kane, D. Bugarski-Kirola, L. Carmi, C. Graham, K. Kuypers, E. Vieta, C. Canuso*
Room C1 E.02 | Novel psychoactive substances: from pharmacology to clinical presentation in the Emergency Room *M. Liechti, C. Yates*

9:00-17:00
Exhibition

9:00-10:00
Room C3 **Expert Science Exchange**
CE.01 | Who is at risk of what? What we can learn from register data about patients with ADHD and their outcomes *C. Jensen*
Financial support provided by MEDICE Arzneimittel

9:45-10:30
The Bubble **Campfire Session**
CA.01 | On writing science: what do top editors look for?
A. Meyer-Lindenberg, N. Boyce, D. Ongur

Sunday 8 September

10:00-11:00
Room C2 **Expert Science Exchange**
CE.02 | Emotional functioning in major depressive disorder: unresolved symptom or side effect?
A. Fagiolini, R. McIntyre
Financial support provided by H. Lundbeck A/S

10:40-11:15
Poster Area & Exhibition  **Break**
Coffee Break

10:45-11:10
The Circle 1 **Poster Jams**
The Circle 2 J.01 | Anxiety and stress related disorders
The Circle 3 J.02 | Psychotic disorders
J.03 | Disease mechanisms

11:15-12:00
Hall A1  **Plenary Lecture**
PL.01 | **ECNP Neuropsychopharmacology Award lecture**
Brain oxytocin and the socio-emotional balance: from sex to chemogenetic manipulation
I. Neumann, Germany



12:00-14:00
Poster Area & Exhibition  **Break**
Lunch

12:00-12:30
The Bubble **Innovation Showcase**
IN.01 | Postpartum depression: how does it really feel?
L. Hammond, G. Apter
Financial support provided by Sage Therapeutics, Inc.

12:15-13:00
Poster Area **Poster Session – odd number posters** (example: P.801, P.803)
Presenting author available at the poster

12:15-13:45
Poster Area **E-poster viewing**

12:30-13:30
Hall A3 **Women-in-Science Session**
W.01 | Women in science *F. Cirulli*

Sunday 8 September

12:30-13:30 **Nomenclature Session**
Auditorium 15 NS.01 | Towards a pharmacologically-driven prescription of psychotropic drugs: the Neuroscience-based Nomenclature (NbN)
J. Zohar, D. Nutt, P. Blier, S. Stahl

12:45-13:15 **Love Your Brain Session**
The Bubble  L.01 | Is obesity a choice? *G. Yeo*

12:45-13:15 **Top Paper Sessions**
Room C1 TP.01 | Highlights in mHealth-based treatments (non-pharma) *U. Ebner-Priemer*
Room C4 TP.02 | Highlights in pharmacological treatment *M. Weiser*

13:00-13:45 **Poster Session – even poster numbers** (example: P.802, P.804)
Poster Area Presenting author available at the poster

13:15-13:45 **Award Ceremony**
The Circle  Travel and Poster Award ceremony

14:00-14:45 **Plenary Lecture**
Hall A1  PL.02 | How early is too late? Possibilities for prevention and early intervention in psychosis
M. Nordentoft, Denmark

14:45-15:20 **Break**
Poster Area & Exhibition  Coffee Break

14:55- 15:15 **Career Development Session**
The Bubble CD.01 | Peer-review: do's and don'ts *D. Staemmler*

15:15-16:15 **Expert Science Exchange**
Room C3 CE.03 | How do you approach the treatment of depressive episodes today? What pathways are thought to play a role in depression?
R. McIntyre, P. Gorwood, S. Kasper
Financial support provided by Sage Therapeutics, Inc.

Sunday 8 September

15:20-17:00 **Symposia & Educational Update Session**
Auditorium 15 S.09 | Negative symptoms in schizophrenia: a fresh take on an old problem
M.Ø. Nielsen, S. Kaiser, C. O'Tuathaigh, M. Davidson

Hall A2 S.10 | Improved sleep for better mood: preventing depression by treating insomnia *L. Bovy, T. Paunio, E.J.W. van Someren, K. Blom*

Room C1 S.11 | Moderators of risk and resilience trajectories following exposure to early adversity *C. Cruceanu, T. Halldorsdottir, K. O'Donnell, E. Dunn*

Hall A3 S.12 | Debate – Screen time, problematic use of internet and e-addictions: science or fiction? *N. Fineberg, L. Carmi, M. Davie, Z. Demetrovics, M. Potenza, B. Dell'Osso*

Room C4 E.03 | Pharmacogenetics for personalised medicine in psychiatry: where are we and what is next? *D. Müller, R. van Schaik*

15:45-16:30 **Campfire Session**
The Bubble CA.02 | The future of brain research: a conversation with Karl Deisseroth
K. Deisseroth

17:30-19:00 **Satellite Symposia**
Hall A2 C.07 | Are relapse prevention and functioning sufficiently prioritised in the treatment of schizophrenia?
P. Gorwood, C. Emborg, M. Taylor, J.M. Kane
Educational financial support provided by H. Lundbeck A/S

Room C1 C.09 | Patient functioning in schizophrenia: can we change the burden?
G. Gründer, C.U. Correll, T. Wykes, S. Pallanti
Educational financial support provided by Gedeon Richter Plc & RECORDATI S.p.A

Room C4 C.12 | Major depressive disorder (MDD) treatment: from biological basis to patient reality *C.A. Denny, S. Kasper, D. Souery, G.M. Knudsen*
Educational financial support provided by Janssen Pharmaceutica NV

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Monday 9 September

- 7:45-8:45**
Room B1 **Brainstorming Sessions**
BS.04 | Too strict or too loose: should we reconsider the eligibility criteria in clinical trials? *J. Verster, G. Bruce*
- Room B2 BS.05 | Anorexia nervosa calls for new treatment options: state-of-the-art and future landscapes *J. Hebebrand, C. Kan*
- Room B3 BS.06 | Psychedelics in psychotrauma: is it time for a revival?
E. Vermetten, R. Gross
- 7:45-8:45**
Room B4  **Yoga**
Start your day in a relaxed way
- 9:00-10:40**
Hall A2 **Symposia & Educational Update Session**
S.13 | Exploring the dual role of microglia in vulnerability and recovery from depression *V. Mondelli, M. Tremblay, C. Sellgren, I. Branchi*
- Auditorium 15 S.14 | Alterations in the adolescent brain are precursors of mood disorders: a critical window for course alteration *E. Tzavara, N. Mechawar, M. Paillere Martinot, M. Ernst*
- Room C1 S.15 | Coma and chronic disorders of consciousness: the journey from synaptic transmission and brain networks to therapy
D. Kondziella, B. Rohaut, P. Fisher, G. Martens
- Hall A3 S.16 | ECNP's Got Talent *P. Cieřlik, M. Klein, L. Knaus, L. Linders, J. Morandell, B. Portal, Y. Yamamori, M. Weidner*
- Room C4 E.04 | Influence of sex differences on the response to psychopharmacological treatment *T. Wohlfarth, J. Zantvoord, J. Rabinowitz*
- 9:00-17:00** **Exhibition**
- 9:00-10:00**
Room C3 **Expert Science Exchange**
CE.04 | How do you approach the treatment of depressive episodes today? What pathways are thought to play a role in depression?
R. McIntyre, P. Gorwood, S. Kasper
Financial support provided by Sage Therapeutics, Inc.
- 9:45-10:30**
The Bubble **Campfire Sessions**
CA.03 | Designing clinical trials in kids with psychiatric disorders
C. Moreno, A. Zuddas, B. Vitiello
- The Bubble CA.04 | From researcher to entrepreneur: creating your own spin-off
G.R. Dawson
- 10:00-11:00**
Room C2 **Expert Science Exchange**
CE.05 | Targeting mental health disorders to reduce the burden of noncommunicable chronic diseases *S. Stahl, R. McIntyre*
Financial support provided by Upjohn, A Pfizer Division

Monday 9 September

- 10:40-11:15**
Poster Area & Exhibition  **Break**
Coffee Break
- 10:45-11:10**
The Circle 1 J.04 | Mood disorders
The Circle 2 J.05 | Breakthroughs in preclinical research
The Circle 3 J.06 | Dementia and neurodegeneration
- 11:15-12:00**
Hall A1  **Plenary Lecture**
PL.03 | Applications and interpretations of genomics in schizophrenia
M. O'Donovan, United Kingdom
- 12:00-14:00**
Poster Area & Exhibition  **Break**
Lunch
- 12:00-12:30**
The Bubble **Innovation Showcase**
IN.02 | What can we expect from an antidepressant with a multimodal activity in the treatment of major depressive disorder? *R. McIntyre*
Financial support provided by H. Lundbeck A/S
- 12:15-13:00**
Poster Area **Poster session – odd number posters** (example: P.801, P.803)
Presenting author available at the poster
- 12:15-13:45**
Poster Area **E-poster viewing**
- 12:30-13:30**
Hall A3  **General Assembly of ECNP members**
- 12:45-13:15**
The Bubble  **Love Your Brain Session**
L.02 | Being in the brain: the neuroscience behind meditation, through theory and practice *C. Jensen*
- 12:45-13:15**
Room C1 **Top Paper Sessions**
Room C4 TP.03 | Highlights in basic research *A. Holmes*
TP.04 | Highlights in psychotherapy *E. Holmes*

Monday 9 September

13:00-13:45 **Poster session – even poster numbers** (example: P.802, P.804)
Poster Area Presenting author available at the poster

13:15-13:45 **Award Ceremony**
The Circle  Travel and Poster Award ceremony

13:30-13:50 **Award Ceremony**
The Bubble  Most Cited Research Paper Award ceremony *Winner: C. Bachmann*

14:00-14:45 **Plenary Lecture**
Hall A1  PL.04 | Novel therapeutic principles against CNS disorders
S. Tabrizi, United Kingdom

14:45-15:20 **Break**
Poster Area & Exhibition  Coffee Break

14:55-15:15 **Career Development Session**
The Bubble CD.02 | How to be successful in your research grant applications
E. Vaudano

15:15-16:15 **Expert Science Exchange**
Room C3 CE.06 | Discovering ADHD in adults
A. Rostain, L. Klassen, A. Philippsen
Financial support provided by Takeda

15:20-17:00 **Symposia & Educational Update Session**
Room C4 S.17 | Exploring the potential of psychedelics to treat psychiatric disorders
K. Preller, D. De Gregorio, M.K. Madsen, R. Carhart-Harris
Auditorium 15 S.18 | Multidisciplinary approaches for targeted therapies for neurodevelopmental disorders
F. Laumonnier, M.L. Montesinos, D. Tropea, M. Hernandez
Room C1 S.19 | The aggressive brain: neurobiology, sex-based differences and treatment of aggression-associated disorders
I. Neumann, L. Nauta-Jansen, W. Norton, C. Stadler
Hall A1 S.20 | ECNP inspired! An uncommon journey through fear, microbes and Sherlock Holmes
K. Roelofs, J.F. Cryan, C. Pariante, F. Benedetti, C.R. Pryce, B.K. Lipska
Hall A2 E.05 | Cognitive remediation in bipolar disorders
C. Roig, M. Landén

Monday 9 September

15:45-16:30 **Campfire Sessions**
The Bubble CA.05 | On biomarker discovery in autism: the AIMS-2-TRIALS project
J. Buitelaar
The Bubble CA.06 | Deep brain stimulation for the treatment of psychiatric disorders
D. Denys

16:15-17:15 **Expert Science Exchange**
Room C3 CE.07 | Discovering ADHD in adults
A. Rostain, L. Klassen, A. Philippsen
Financial support provided by Takeda

17:30-19:00 **Satellite Symposia**
Hall A2 C.10 | Patient perspectives on treatment outcomes and goals in schizophrenia
S. Brissos, R. Tandon, D. McIntosh, L. Citrome, P. Gionfriddo
Educational financial support provided by H. Lundbeck A/S

Auditorium 15 C.11 | Transition in schizophrenia: symptoms, treatments and diagnosis-challenges from adolescence to adulthood
R. Murray, S. Stahl, C. Arango, S. Galderisi
Educational financial support provided by Sunovion Pharmaceuticals Inc., Sumitomo Dainippon Pharma Co. Ltd. and Angelini

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Tuesday 10 September

- 7:45-8:45**
Room B1 **Brainstorming Sessions**
BS.07 | Early life stress and metabolic adversities pave the way toward comorbid metabolic and mental health problems: how to predict, prevent and treat? *F. Cirulli, A. Korosi*
- Room B2 BS.08 | The clinician-researcher: an endangered species?
L. De Picker, A. Szczegielniak
- Room B3 BS.09 | Biomarkers in autism spectrum disorders: insights from monogenetic synaptopathies *L. Gallagher, E. Loth*

7:45-8:45
Room B4  **Yoga**
Start your day in a relaxed way

- 9:00-10:40**
Hall A2 **Symposia & Educational Update Session**
S.21 | Revealing the brain's molecular architecture: a hands-on on PsychENCODE *M.J. Gandal, D. Posthuma, S. Akbarian*
- Auditorium 15 S.22 | A blue light hits the circadian system: impact of the circadian system and light/dark therapy in the progression of mood disorders
K. Martiny, L. Lyall, P. Ritter, T. Henriksen
- Room C1 S.23 | Ribonucleoprotein particles and granules, key hotspots for the biology and disease of the brain *B. Wolozin, I. Sotiropoulos, M. Polymenidou, S. Alberti*
- Hall A3 S.24 | New Findings Symposium – New findings in applied neuroscience
S. van Heukelum, S.M. Fred, J. Goltermann, J. Harrison, N. Kappelmann, H. Martin, F. Milosavljević, L. Shkreli
- Room C4 E.06 | Treat the untreatable: how to deal with resistant ADHD
I. Manor, A. Philipsen

9:00-17:00 **Exhibition**

- 9:45-10:30**
The Bubble **Campfire Sessions**
CA.07 | Facing burnout in healthcare professionals
E. Demerouti
- CA.08 | The co-morbidity costs of mental disorders
D. Mcdaid

10:40-11:15
Poster Area & Exhibition  **Break**
Coffee Break

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Tuesday 10 September

- 10:45-11:10**
The Circle 1 **Poster Jams**
The Circle 2 J.07 | Novel interventions
The Circle 3 J.08 | Neurodevelopmental disorders
J.09 | Addiction

11:15-12:00
Hall A1



Plenary Lecture

PL.05 | Brain Prize Lecture
Genomic clues to neurodegenerative disease mechanisms
J. Hardy, United Kingdom



12:00-14:00
Poster Area & Exhibition



Break
Lunch

12:15-13:00
Poster Area

Poster Session – odd number posters (example: P.801, P.803)
Presenting author available at the poster

12:15-13:45
Poster Area

E-poster viewing

12:45-13:15
The Bubble



Love Your Brain Session

L.03 | The beauty of the brain: a journey in pictures

12:45-13:15
Room C4
Room C1

Top Paper Sessions

TP.05 | Diagnostics and biomarkers / Biomarkers and guidelines *E. Binder*
TP.06 | Highlights in dementias *L. Froelich*

13:00-13:45
Poster Area

Poster Session – even poster numbers (example: P.802, P.804)
Presenting author available at the poster

13:15-13:45
The Circle



Award Ceremony

Travel and Poster Award ceremony

13:30-13:50
The Bubble



Award Ceremony

ECNP Negative Results Prize in Clinical Neuroscience
Winner: M. Sand



Tuesday 10 September

14:00-14:45
Hall A1



Plenary Lecture

PL.06 | Bridging different approaches to depression
C. Harmer, United Kingdom

14:45-15:20
Poster Area
& Exhibition



Break

Coffee Break

14:55-15:15
The Bubble

Career Development Session

CD.03 | A family-friendly science career: just a dream? *E. Binder*

15:20-17:00
Auditorium 15

Symposia & Educational Update Session

Room C1

S.25 | Auto-immune psychosis: from bench to bedside
M. Benros, R. Yolken, R. Sankowski, M. Leboyer

Hall A2

S.26 | Computational brain models enhance our understanding of mental illnesses *G. Einevoll, J. Kotaleski, T. Mäki-Marttunen, S. van Albada*
S.27 | Epigenetics of anxiety disorders, depression, and suicidal behaviour: from biomarkers to intervention *G. Turecki, B. Rutten, A. Erhardt, F. Chimienti*

Hall A3

S.28 | Regulatory Spotlight Session – Challenges and perspectives with the use of digital technology in psychiatry *E. Pich, G. Pandina, P. Haselager, V. Mantua*

Room C4

E.07 | EPA Educational Session – Sport and mental disorders: the best enemies *T. Kurimay, P. Falkai*

15:45-16:30
The Bubble

Campfire Session

CA.09 | A trans-diagnostic and quantitative biology classification system in clinical practice: a future outlook *M. Kas, H. Marston*

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- <https://2019.ecnp.eu>
- Congress info terminals

ECNP app

Poster information

Sunday, Monday and Tuesday

Posters and e-posters can be viewed at three different locations:

Poster boards (poster area)

Display of paper posters:

Sunday P.001-P.300

Monday P.301-P.600

Tuesday P.601-P.900

- 12:15-13:00 – odd number posters (example: P.801, P.803) – presenting author available at the poster
- 13:00-13:45 – even number posters (example: P.802, P.804) – presenting author available at the poster

E-poster corner (poster area)

All posters and e-posters are on display here by means of mini iPads. Poster numbers starting with a 'P' have a corresponding paper poster. Poster numbers starting with 'EP' are only available as e-poster.

The Circle (poster area)

All posters and e-posters are on display here by means of terminals. If you would like to meet a poster presenter in person to discuss an e-poster, you can contact the presenter online via the e-poster service on the terminals. In the Circle, selected poster presenters will present their poster during the 'Poster Jam'. Other interested poster presenters can also present their poster using the terminals.

A complete list of posters and e-posters, sorted by number, is also available on the app and on the congress website.

All posters and (e-)posters are grouped by the topics below:

Addiction – Disorder
 ADHD – Disorder
 Animal models – Method
 Anxiety – Disorder
 Autism / ASD – Disorder
 Biochemistry – Method
 Biostatistics and computational method
 Dementia / neuro degeneration – Disorder
 Eating disorder
 E-health – Intervention
 Epidemiology and big data – Method
 Epilepsy – Disorder
 Genetic and molecular approaches – Method
 Healthy brain
 History/philosophy/ethics – Method
 Immunology – Method
 Impulsive and compulsive disorder
 Intellectual disability disorder
 Lifestyle and nutrition – Intervention
 Mood and bipolar disorder
 Movement disorder
 Neuroimaging – Method
 Neuro-inflammatory disorder
 Neuromodulation – Intervention
 Neurophysiology/EEG – Method
 Neuropsychology – Method
 Pain and headache
 Personality disorder
 Pharmacology – Method
 Pharmacology – Intervention
 Post-mortem / pathology – Method
 Prevention / course alteration – Intervention
 Psychotherapy – Intervention
 Psychotic disorder
 Sexual disorder
 Sleep disorder
 Stress related disorder
 Stroke
 Systems biology – Method