



EPA NEUROIMAGING SECTION REPORT 2025

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Nafiye Selcan YILDIRIM, İstanbul, Türkiye

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Elisa Zugno

LAST SECTION COMMITTEE ELECTIONS HELD:

Date: 23 July 2025

Venue: online

ACTIVITIES OF THE SECTION IN 2025:

Meetings/events

33rd European Congress of Psychiatry; 5-8 April 2025, Madrid, Spain



EPA NEUROIMAGING SECTION REPORT 2025

Description:

Organized by the section of Neuroimaging and the section of Consultation Liaison Psychiatry and Psychosomatics

Title: Diagnostic problems in consultation-liaison psychiatry: what help can neuroimaging give?

Description: This is a case-based joint-workshop, focused on the help neuroimaging techniques may give to consultation-liaison psychiatry. Diagnosis, in liaison psychiatry, is sometimes problematic. It is often necessary to make the differential diagnosis with somatic disorders. The use of complementary diagnostic tests can be decisive, namely imaging and blood tests may result useful. In other cases, comorbidity with somatic disorders may impact on the diagnostic process. Finally, nosology in the field of consultation-liaison psychiatry is not strictly categorical. It is often difficult to distinguish between situations like factitious disorder, conversion, and simulation. The first presentation is focused on the help neuroimaging can give to the differential diagnosis between dementia and bipolar disorders. The second deals with three "classical" as well as challenging diagnoses: factitious disorder, conversion, and simulation. The third presents the results of the PHLAMES Study, that deals with neuronal synaptic autoantibodies and Psychosis. Special attention will be paid to prognostic factors for the diagnosis of autoimmune encephalitis in patients with psychotic spectrum disorders. The fourth and final presentation completes the diagnostic process by addressing the use of laboratory tests in the differential diagnosis between somatic and psychiatric disorders, and the integrations of the results of laboratory tests with neuroimaging.

Partners:

Chair: Marcella Bellani (Italy)

Co-Chair: Diogo Telles Correia (Portugal)

Speakers:

- Paolo Enrico (Italy): Differential diagnosis between dementia and bipolar disorders based on neuroimaging
- Filipa Novais (Portugal): Nosological problems in psychiatric diagnosis – Factitious disorder, Conversion, and Simulation
- Alessandro Pigoni (Italy): Neuronal synaptic autoantibodies and Psychosis: Prognostic factors for the diagnosis of autoimmune encephalitis in patients with psychotic spectrum disorders -The PHLAMES Study
- Krzysztof Krysta (Poland): Differential diagnosis between somatic and psychiatric disorders based on laboratory tests integrated with neuroimaging([View Abstract](#))

Location: Madrid

Start date: 08/04/2025

End date: 08/04/2025



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EPA NEUROIMAGING SECTION REPORT 2025

33rd European Congress of Psychiatry; 5-8 April 2025, Madrid, Spain

Description:

Organized by the section of Neuroimaging

Title: Precision psychiatry in women with mental illnesses and their offspring

Description: Women are twice as likely to develop internalising disorders such as depression, anxiety, and somatoform disorders, while externalising disorders (e.g., substance abuse and antisocial personality) are more frequent among men. Sex differences in psychiatric disorders are due to a combination of biological and environmental factors. Biologically, women are more exposed to intense fluctuations in the availability of sex hormones in the brain and have a higher incidence of autoimmune disorders, which can increase their susceptibility to specific psychiatric conditions. A particular condition is pregnancy mental distress that increases the risk of obstetric complications and suicide attempts, with long-term consequences for the well-being of the woman, child and family.

In this symposium, we will discuss the interplay of sex and environment with brain function in the onset of psychiatric disorder; sex differences in brain development trajectories in offspring of parents with severe mental illness, multimodal approaches for classifying postpartum depression (and other psychiatric disorders) and if feto-neonatal development can be affected by perinatal depression.

Partners:

Chair: Philippe Courtet (France)

Speakers:

- Neeltje van Haren (Netherlands): Brain developmental trajectories in offspring of parents with severe mental illness
- Maria Urquijo (Germany): Integrating Biological Sex in Precision Psychiatry: The advantage of Using Machine Learning for Personalized Care
- Eleonora Maggioni (Italy): Interplay among sex, environment, and heart-brain function in the onset of psychiatric disorders

Location: Madrid

Start date: 07/04/2025

End date: 07/04/2025

FUTURE ACTIVITIES:

Meetings/events

34th European Congress of Psychiatry; 28-31 March 2026, Prague, Czech Republic

Description:



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EPA NEUROIMAGING SECTION REPORT 2025

Organized by the section of Neuroimaging and the section of Digital Psychiatry

Title: Loneliness in a digital world: from neurobiology to interventions

Partners:

Chair: Umberto Volpe (Italy)

Co-Chair: Marcella Bellani (Italy)

Speakers:

- Siirnaz Kukurt (Türkiye): Formulating Hikikomori: Social Withdrawal in the Digital Age.
- Maria Gloria Rossetti (Italy): Digital Interventions for Socially Isolated Youth: Exploring Clinical and Cognitive Outcomes from an Italian Multicentric Study.
- Laura Orsolini (Italy): Treatment of social withdrawal and digital addictions.
- Leonhard Schilbach (Germany): Using fMRI-guided TMS to modulate social cognition in adults with/without autism.

Location: Prague

Start date: 31/03/2026

End date: 31/03/2026

34th European Congress of Psychiatry; 28-31 March 2026, Prague, Czech Republic

Description:

Organized by the section of Neuroimaging and the section of Consultation Liaison Psychiatry and Psychosomatics

Title: Pain disorders: a mind and body perspective

Partners:

Chair: Giorgio Mattei (Italy)

Co-Chair: Paolo Brambilla (Italy)

Speakers:

- Cecilia Maria Esposito (Italy): Lived illness experience in fibromyalgia.



EPA NEUROIMAGING SECTION REPORT 2025

- Krzysztof Krysta (Poland): Recognizing atypical depression in patients with chronic pain syndromes in general hospitals.
- Cinzia Perlini (Italy): Interaction between psychological features and response to antalgic treatments in chronic pain.
- Diogo Telles Correia (Portugal): How can brain imaging reshape our understanding of chronic pain?

Location: Prague

Start date: 31/03/2026

End date: 31/03/2026

34th European Congress of Psychiatry; 28-31 March 2026, Prague, Czech Republic

Description:

Organized by the section of Neuroimaging and the section of Sexual Orientations and Gender Identities

Title: Factors of risks and resilience in bipolar disorders: from biomarkers to treatments

Partners:

Chair: Judit Balazs (Hungary)

Co-Chair: Paolo Brambilla (Italy)

Speakers:

- Annabel Vreeker (Netherlands): Mood and Resilience in Offspring; the impact of type, severity and timing of exposure to parental psychopathology
- Jair Soares (United States): Viable Biomarkers of Disease in Bipolar Disorders
- Eleonora Maggioni (Italy): Stratification prediction of bipolar disorders using multimodal measures
- Manpreet Singh (United States): Building on the Science of Resilience in Youth at Familial Risk for Bipolar Disorder

Location: Prague

Start date: 31/03/2026

End date: 31/03/2026



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EPA NEUROIMAGING SECTION REPORT 2025

FUNDING IN 2025

Income: none

Source(s) of
funding: none

Expenditure: none

Balance: none

EPA Treasurer audit: No

Confirmation that income / expenditure is via EPA: No