

Prevention of Severe Mental Disorders

PSMD

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EBRA Public Event

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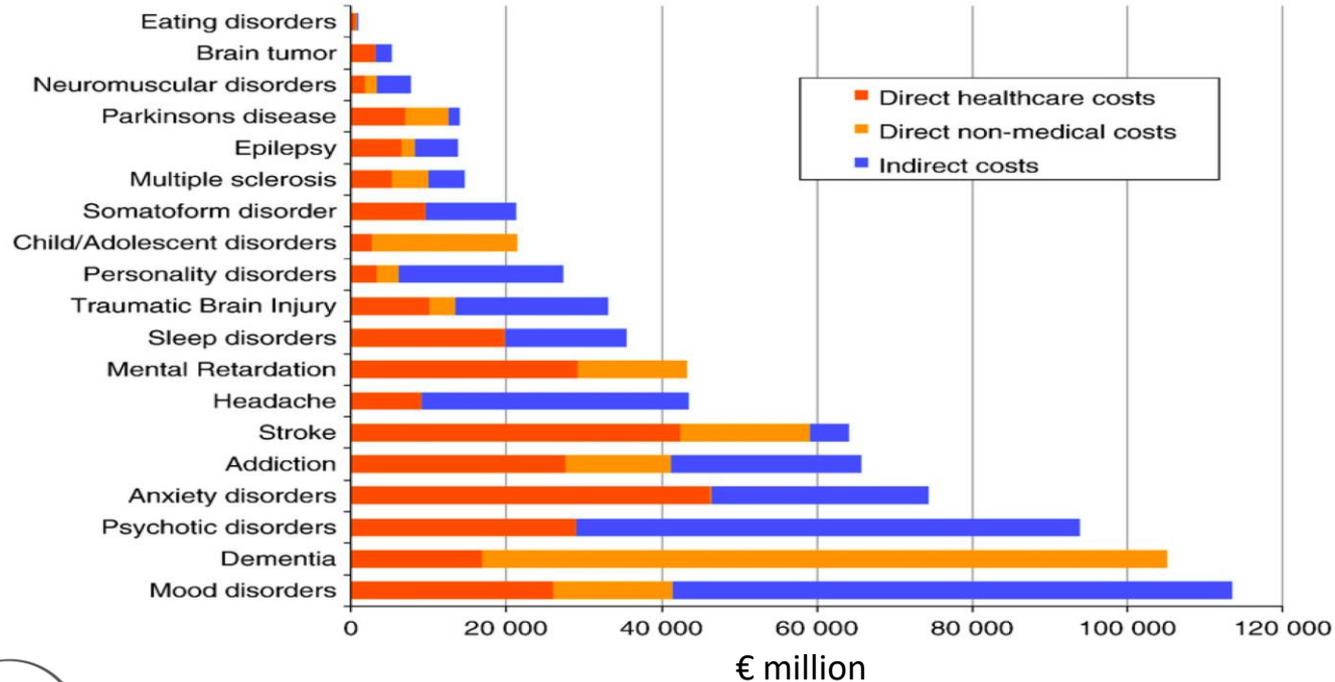




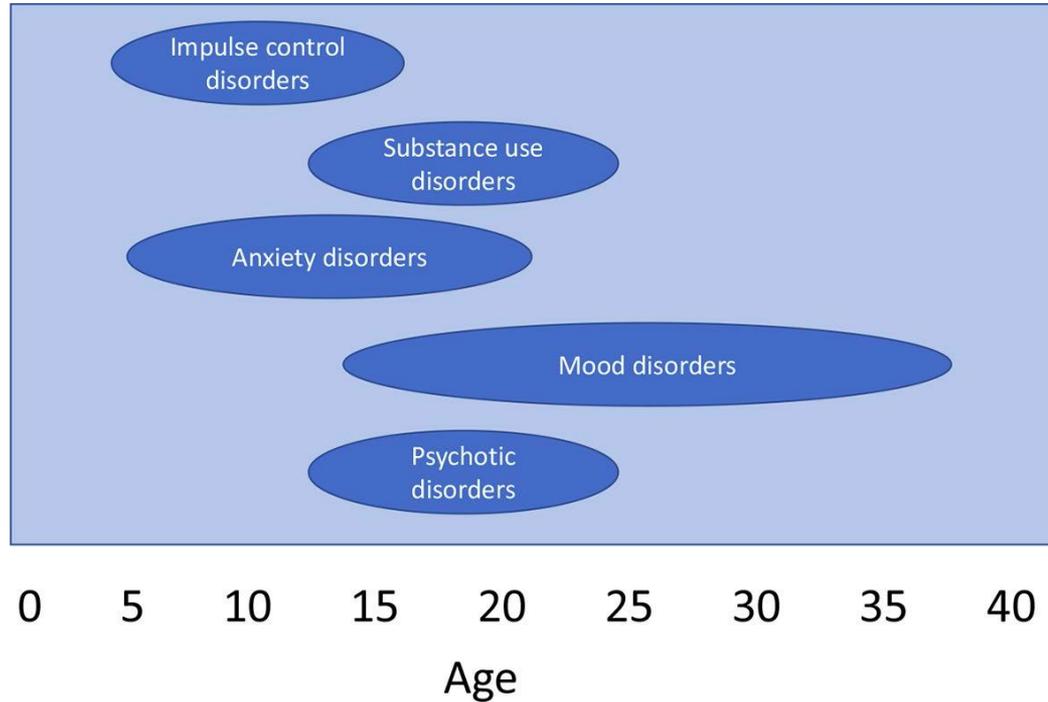
Severe Mental Disorders (SMD)

- SMD overall lifetime prevalence of 12% in Europe
- 264 million people live with depression, 45 million with bipolar disorders, 20 million with schizophrenia
- Years Lived with Disability in 2017: 43 million for depression, 9 million for bipolar disorders and 13 million for schizophrenia

Burden of Severe Mental Disorders (SDM)



Prevention of Severe Mental Disorders (PSMD)





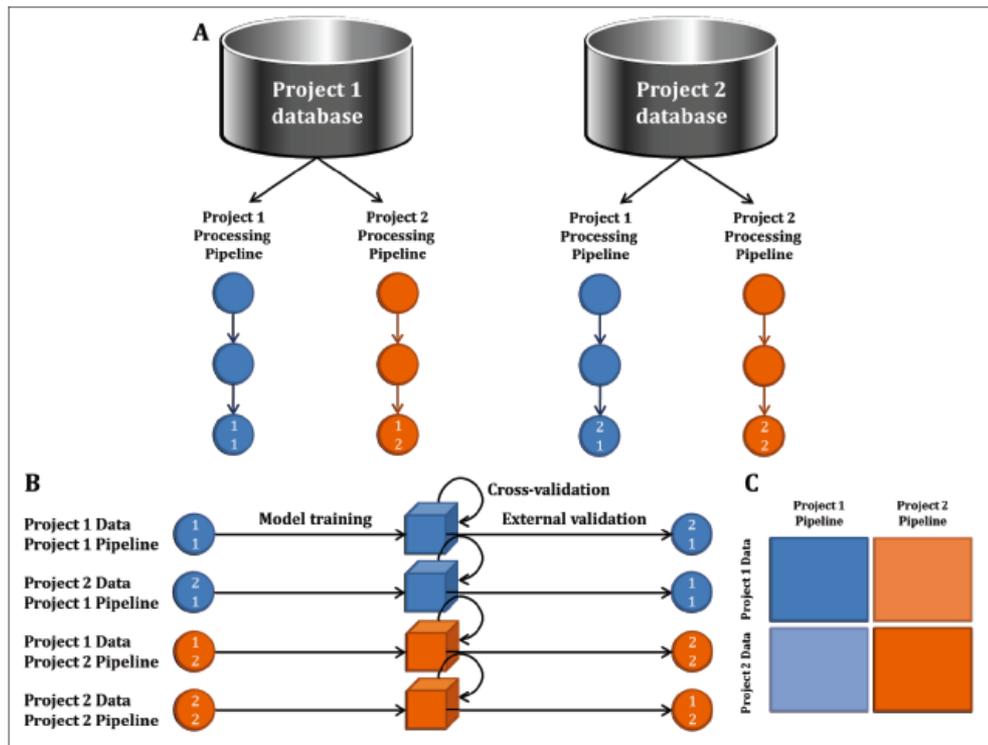
PSMD cluster

- ECNP Prevention of Mental Disorders and Mental Health Promotion Network
- ECNP Bipolar Disorders Network
- Co-Chairs: Paolo Fusar-Poli and Ole Andreassen
- Members: 45
- Countries: Norway, Italy, Germany, France, The Netherland , Switzerland, UK, Spain, Denmark, Czech Republic, Poland, Turkey, US
- Pharmaceutical Industry
- Current research grant income: about 50 million

PSMD ongoing activities

HARMONY initiative

- 2000 individuals at clinical risk for psychosis
- Multimodal data
- Cross-validation of risk prediction models



PSMD ongoing activities

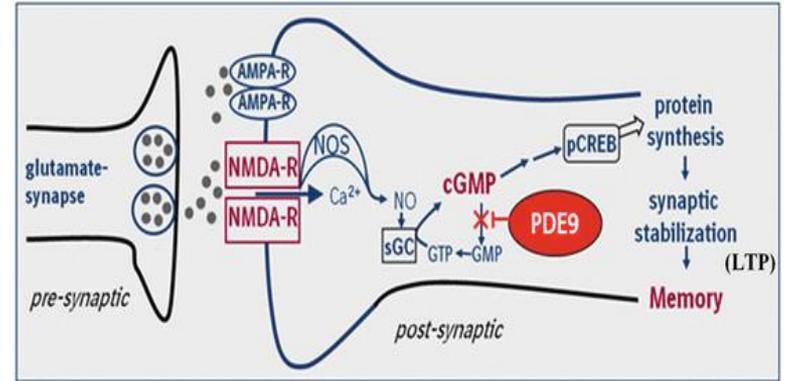
Preventive interventions for SMD



Oxytocin



Cannabidiol

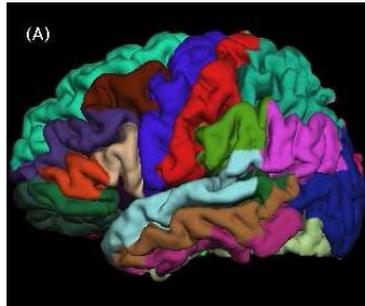
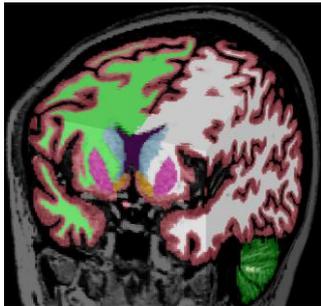


PDE9 inhibitors

PSMD ongoing activities

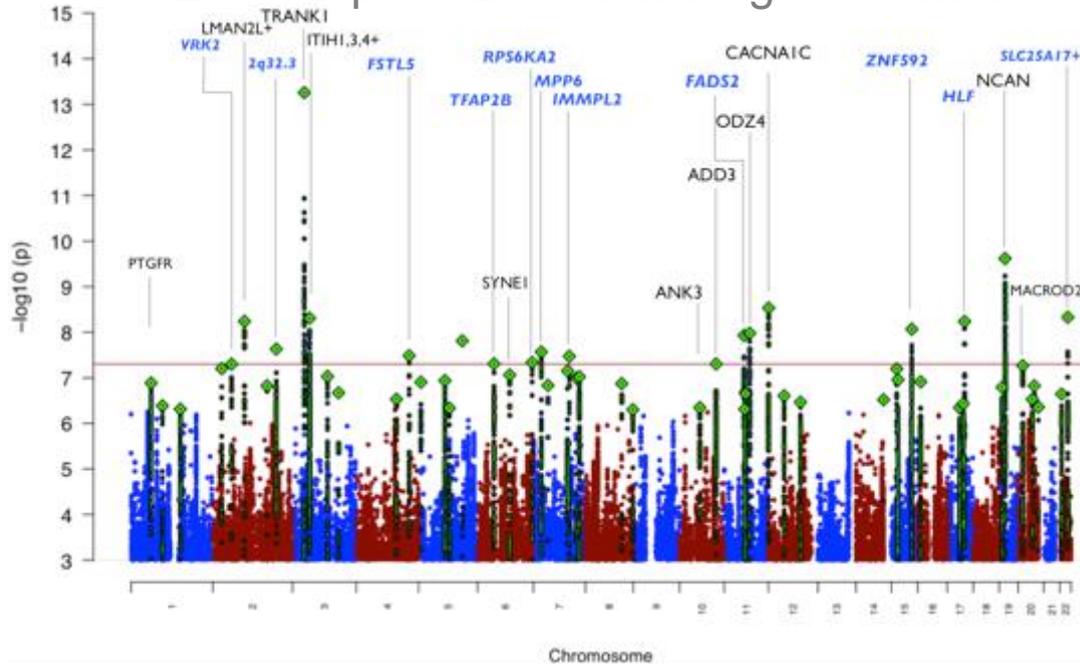
ENIGMA Bipolar Disorder Working Group

- Brain MRI from 6503 individuals
- Structural MRI, FreeSurfer



PSMD ongoing activities

2019: Bipolar Disorder: 30 gene variants





PSMD aims

- Cross-fertilise leading European institutions
- Harmonise assessment, outcome measures and interventions
- Implement digital health, big data and precision medicine into healthcare
- Promote clinical research partnerships
- Produce clinical guidelines
- Apply for European grant funding
- Disseminate preventive culture in psychiatry
- Engage policy makers, healthcare systems, patients and their families



PSMD Activities

- 2 preparatory workshops at ECNP Congress
- 1 European roundtable: « Implementation of precision medicine and preventive psychiatry for SMD”
- 1 European roundtable: « Ethical, legal, societal challenges for preventing SMD”



Thank You!



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