



European
Commission

Draft Agenda

Scientific **Expert** **Workshop**

Crowdsourcing knowledge on ***Depression***
mechanisms: from risk factors to treatment

Hybrid Meeting:

Online & at JRC Ispra, Meeting room
Athena, bldg. 46 (Visitors' Centre)

19-20 April 2023

09:00 CET

Joint
Research
Centre

Crowdsourcing knowledge on depression mechanisms: from risk factors to treatment

DAY 1 Wednesday 19th April 2023, JRC, Ispra

Time (CET)	Topic and Description
Welcome and Introduction	
09:00-09:30	Scientific Expert Workshop Kick Off: <ul style="list-style-type: none">□ Welcome from Director F, European Commission Joint Research Centre (EC JRC) Guy VAN DEN EEDE, EC JRC□ Welcome from EC JRC Co-Organising Team Maddalena QUERCI, Ciaran NICHOLL, Sandra CALDEIRA, EC JRC□ Introduction of the workshop Sandra COECKE, EC JRC (Moderator) Kai Hsiang Morton YO, EC JRC (Co-Moderator)
Setting the scene: European Commission initiatives on mental health	
09:30-10:30	<ul style="list-style-type: none">□ A comprehensive approach to mental health Marianne TAKKI, European Commission, Directorate - General for Health and Food Safety (DG SANTE), 15 min□ Supporting mental health policy development through research resulting in evidence-based guidelines, best practices, interventions Tim RAEMAEEKERS, Beatrice LUCARONI, European Commission, Directorate - General for Research and Innovation (DG RTD), 15 min□ An overview of JRC activities on mental health and introduction of the Health Promotion and Disease Prevention Knowledge Gateway Elaine VAN RIJN, Ioanna BAKOGIANNI, Petros MARAGKLOUDAKIS, EC JRC, 15 min□ Q&A
10:30-11:00	Coffee break
Conceptual Framework from Risk Factors to Treatment in Depression	
11:00-12:10	Presentation by <ul style="list-style-type: none">□ Risk factors and treatment response variability in depression Joshua E J Buckman (University College London, London, UK), 20 min□ Addressing behavioural risk factors in the prevention and treatment of depression Joseph Firth (University of Manchester, Manchester, UK), 20 min□ Loneliness as a risk factor for mental health Matija KOVACIC, EC JRC, 15 min□ Q&A
12:10-12:30	Discussion with all presenters
12:30-13:30	Lunch break

Time (CET)	Topic and Description
Mechanisms of Depression	
13:30-13:50	<input type="checkbox"/> Insight into mechanisms based on pre-workshop survey results Elaine VAN RIJN, Manuela CASSOTTA, Sandra COECKE, 15 min, EC JRC <input type="checkbox"/> Q&A
13:50-15:30	Presentation by <input type="checkbox"/> Brain mechanisms linking sleep disorders to depression Scott CAIRNEY (University of York, York, UK), 20 min <input type="checkbox"/> The adverse outcome pathway (AOP) Framework applied to neurological symptoms from the covid-19 experience knowledge base towards AOP in depression Magdalini SACHANA (Organization for Economic Cooperation and Development OECD, Paris, France), 20 min <input type="checkbox"/> From an AOP view on mechanistic understanding of the olfactory neuroepithelium involvement in the covid-19 to the relationship between otolaryngology and depression Francesca DE BERNARDI (Circolo Hospital and Macchi Foundation, Varese, Italy), 20 min <input type="checkbox"/> The gut-brain axis: how microbiota and host inflammasome Influence Brain physiology and pathology in mental health Francesca RONCHI (Charité – Berlin University of Medicine, Berlin, Germany), 20 min <input type="checkbox"/> Q&A
15:30-16:00	Coffee break
Mechanistic Understanding and Alternative Approaches	
16:00-17:30	Presentation by <input type="checkbox"/> Biological pharmacological and non-pharmacological treatments for depression: an umbrella review of efficacy and safety outcomes Marco SOLMI (University of Ottawa, Ontario, Canada), 20 min <input type="checkbox"/> The no-nonsense meditation and tool evaluation in depression Steven LAUREYS (University of Liege, Liège, Belgium), 20 min <input type="checkbox"/> A novel clinical approach to depression: related underlying mechanism towards wellbeing and happiness Leonardo PALACIOS-SANCHEZ (Universidad del Rosario, Bogotá, Colombia), Felipe TORRES (Cell Regeneration Medicine Organization, Bogota, Colombia), 20 min <input type="checkbox"/> An exploration of the intersection between behavioural insights and mental health for positive outcomes Marianna BAGGIO, EC JRC, 15 min <input type="checkbox"/> Q&A
17:30-18:00	Discussion with all presenters
18:00-	Departure

DAY 2 Thursday 20th April 2023, JRC, Ispra

Time (CET)	Topic and Description
	Prevention and Treatment for Resilience
09:00-10:45	Presentation by <ul style="list-style-type: none"><input type="checkbox"/> Biological interventions in depression integrating nutraceuticals, phytochemicals and emerging psychedelics Jerome SARRIS (Western Sydney University, Westmead, Australia), 20 min<input type="checkbox"/> Program-Project for precision psychiatry, PROPSY. A national initiative for precision holistic and comprehensive immuno-psychiatric approach for mental disorders including major depressive disorder and autism Véronique BRIQUET-LAUGIER (Fondation FondaMental, Paris, France), 20 min<input type="checkbox"/> Equal-Life project: zooming in and linking exposome mechanistic knowledge to child development and life course mental health Irene VAN KAMP, RIVM, Bilthoven, The Netherlands, 15 min<input type="checkbox"/> Primary care approach of depression in Taiwan KaiHsiang Morton YO (Ministry of Health, Taipei, Taiwan), 15 min<input type="checkbox"/> The awareness-raising of public mental health in all policies: the case of Warsaw against depression initiative Piotr TOCZYSKI (Maria Grzegorzewska University, Warszawa, Poland), 20 min<input type="checkbox"/> Q&A
10:45-11:15	Coffee break
	Transdisciplinary approaches in Depression
11:15-12:25	Presentation by <ul style="list-style-type: none"><input type="checkbox"/> Benefits of exposure to nature for mental health Elaine VAN RIJN, EC JRC, 15 min<input type="checkbox"/> Towards the use of A.I. tools to gather knowledge on mental disorders mechanisms Amalia MUNOZ, Mario CERESA, EC JRC, 15 min<input type="checkbox"/> Children's digital wellbeing – a more comprehensive approach to prevent child sexual abuse and exploitation Rosanna DI GIOIA, EC JRC, 15 min<input type="checkbox"/> Science and art as a resilience toolbox: Lament and Vulnerabilities Margherita PEVERE (Atelierhof Kreuzberg, Berlin, Germany), 15 min<input type="checkbox"/> Q&A
12:25-13:00	Discussion with all presenters
13:00-14:30	Lunch break
	Next Steps for the Future
14:30-17:00	Putting the dots together: <ul style="list-style-type: none"><input type="checkbox"/> Discussing the way forward towards a workshop report<input type="checkbox"/> A global crowd-sourcing survey extending the pre-workshop survey to get global input on depression mechanisms covering the processes from risk factors to treatment and tertiary care including toxicological/adverse effects.<input type="checkbox"/> A preliminary set of recommendations on either/and<ul style="list-style-type: none">➤ Feasibility of using the AOP approach to depression➤ Identification of unexplored areas in depression mechanism➤ Any other outcome proposed during the workshop➤ Proposal for creating a scientific expert network
17:00	End of workshop

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