



# Retreat IMIM

May 29, 2019

Venue:  
PRBB Auditorium  
Dr. Aiguader 88. Barcelona



Institut Hospital del Mar  
d'Investigacions Mèdiques

## PROGRAMME

08:30 **Welcome and Introduction**  
**Joaquim Bellmunt**

08:40 **Neurosciences Research Programme**  
**Rafael de la Torre**

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08:45 That which does not kill you - May afflict you? Psychological trauma in severe mental disorders – **Benedikt Amann**

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09:00 New tools for Dual Diagnosis: PRISM-5 and DDSI-5 – **Joan Mestre**

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09:15 Molecular and neuronal markers of psychosis modulated by cannabis use. Can we use them as predictors of outcome in first-episode psychosis? – **Dani Berge**

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09:30 Implementing Genomic Medicine for Undiagnosed Rare Neurologic Diseases in Catalonia – **Luis Alberto Pérez**

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09:45 Cannabidiol attenuates cocaine intake through a mechanism involving neural proliferation – **Olga Valverde**

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10:00 Open Debate

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10:10 **Coffee Break**

10:30 **Epidemiology and Public Health Research Programme**  
**Jordi Alonso & Jaume Marrugat**

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10:35 Suicidality among College Students: longitudinal findings from the WMH International College Surveys Initiative – **Philippe Mortier**

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10:50 Body concentrations of persistent pollutants and unhealthy metabolic phenotypes in normal-weight, overweight and obese individuals – **Miquel Porta**

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11:05 Work, health and maternity: analysis of social benefits using a novel approach – **Consol Serra**

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11:20 miRNAs as biomarkers of coronary heart disease: a translational approach from human cell cultures to population-based cohort studies – **Irene Roman**

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11:35 Results of the Halo effect on relatives of the PREDIMEDplus participants and patients submitted to bariatric surgery – **Olga Castañer**

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11:50 Open Debate

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## 12:00 Biomedical Informatic Research Programme

**Ferran Sanz**

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12:05 The DisGeNET platform's 10 anniversary: developing a knowledge base for disease genomics  
DisGeNET – **Laura Furlong**

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12:20 Omics approaches to identify gene expression alterations in disease – **Mar Albà**

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12:35 Identification of drug safety signals from the FDA Adverse Event Reporting System (FAERS) –  
**Jordi Mestres**

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12:50 Computational modelling in drug discovery – **Gianni de Fabritiis**

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13:05 Open Debate

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## 13:15 Lunch

## 14:15 Biomedical Informatic Research Programme / Core Facilities

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Bioinformatic support in human genomics – **Lara Nonell/Júlia Perera**

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## 14:30 Cancer Research Programme

**Joan Albanell**

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14:35 Understanding the specific functions of PARP proteins in cancer – **José Yelamos**

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14:50 Mapping the pathways of prostate cancer; work in progress – **Josep Lloreta**

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15:05 New studies in colonoscopy – **Marco Antonio Alvarez**

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15:20 Therapeutic targeting in lymphoma murine model of Sézary syndrome (leukemic variant of cutaneous T-cell lymphoma) – **Fernando Gallardo**

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15:35 Microenvironment contribution to cancer progression and therapy – **Alexandre Calon**

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15:50 Open Debate

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## 16:00 Inflammatory and Cardiovascular Disorders Research Programme

**Miguel López-Botet**

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16:05 Multiple sclerosis and cytomegalovirus: revisiting an “old friend” – **Jose Enrique Martínez**

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16:20 Cardiovascular, fracture risk assessment and overall mortality risks of aromatase inhibitors in a breast cancer population-based cohort study up to 10 years of continued treatment –  
**Xavier Nogués**

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16:35 Usefulness of pharmacokinetics and pharmacodynamics of antimicrobials in multidrug resistant infections – **Juan Pablo Horcajada**

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16:50 Understanding mechanisms of antibody-mediated rejection after kidney transplantation –  
**Marta Crespo**

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17:05 Muscle adaptation in health and disease – **Esther Barreiro**

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17:20 Open Debate

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## 17:30 Closing Remarks

**Joaquim Bellmunt**