

Workshop: Obesity-CIBEROBN

Organizers: Javier Salvador (Pamplona, Spain), José Manuel Fernández-Real (Girona, Spain), Manuel Tena-Sempere (Córdoba, Spain) & Francesc Villarroya (Barcelona, Spain)

Day: Wed. 30th May, Thu. 31st May and Fri. 1st June 2018

Time: Different schedules apply depending on day

Room: MR 12 + 13 + 14

Wednesday 30th May

OMICS jointly with Obesity-CIBEROBN

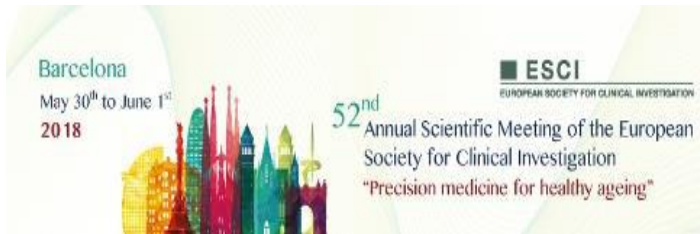
Bringing together experts in emerging omics techniques, with an emphasis on recent advances, applications in populations-based research, integration with nutrition, and translational applications.

CHAIRS: Frank Hu & Miguel A. Martínez-González

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| 8.30-9.00 | Systems epidemiology, nutrition and omics
Frank B. Hu, Harvard TH Chan School of Public Health, Boston, USA |
| 9.00-9.30 | Methods in metabolomics profiling
Clary Clish, Broad Institute, Cambridge, USA |
| 9.30-10.00 | Use of metabolomics and other omics in cohort studies of nutritional epidemiology
Elio Riboli, Imperial College, London, UK |
| 10.00-10.30 | Coffee break |
| 10.30-10.30 | Mediterranean diet, metabolomics and cardio-metabolic health
Miguel A. Martínez-González, University of Navarra, Pamplona, Spain |
| 11.00-11.30 | Mediterranean diet, lipidomics and the risk of CVD and type 2 diabetes
Estefania Toledo, University of Navarra, Pamplona, Spain |
| 11.30-12.00 | Mediterranean diet, metabolomics and the risk of peripheral artery disease and heart failure
Miguel Ruiz-Canela, University of Navarra, Pamplona, Spain |
| 12.00-12.30 | Metabolomics, proteomics and nutrition in the epidemiology of atrial fibrillation
Alvaro Alonso, Emory University, Atlanta, USA |
| 12.30-13.30 | Lunch |
| 13.30-14.00 | Virgin olive oil, wine, their urinary metabolites and metabolic pathways in cardiovascular prevention
Rafael de la Torre, Inst. Mun. Investig. Med. (IMIM), Barcelona, Spain |



- 14.00-14.30 **Microbiota and obesity**
J. Alfredo Martínez, University of Navarra, Pamplona, Spain
- 14.30-15.00 **Dietary patterns and cardio-metabolic and endocrine biomarkers**
Deirdre Tobias, Harvard TH Chan School of Public Health, Boston, USA
- 15.00-15.30 **Using metabolomics for an improved assessment of dietary intake**
Shilpa Bhupathiraju, Harvard TH Chan School P. Health, Boston, USA
- 15.30-16.00 **Metabotyping for tailored dietary advice and precision nutrition**
Lorraine Brennan, University College Dublin, Dublin, Ireland
- 16.00-16.30 **Coffee break**
- 16.30-17.00 **Training and education for personalized nutrition**
Martin Kohlmeier, University of North Carolina at Chapel Hill, USA
- 17.00-17:30 **Conclusions and closing remarks**
Frank B. Hu and Miguel A. Martínez-González
- 17:30-19:00 **Opening ceremony & Lecture in Room MR 10 + 11**
- 18:00-19:00 **Opening lecture**
Valentín Fuster (New York, USA & Madrid, Spain)
- 19:30-21:00 **WELCOME RECEPTION Cocktail**



Thursday 31st May

Obesity, ageing and cognitive dysfunction

Chairs: Francesc Vilarroya & José Manuel Fernández Real

- 8:30-9:00 **Septins and its role on adipocyte pathophysiology and insulinresistance**
M. Mar Malagón (Córdoba, Spain)

- 9:00-09:30 **Effects of diet intervention on the relationships between gut microbiota, obesity, inflammation and cardiovascular disease**
Marc Dumas (London, UK)

- 9:30-9:45 Speaker selected from submitted abstracts
- 9:45-10:00 Speaker selected from submitted abstracts
- 10:00-10:30 COFFEE BREAK
- 10:30-12:30 COMMON ACTIVITIES – Multidisciplinary focus sessions in MR 10 + 11
- 12.30-14.30 LUNCH & Poster Viewing and evaluation

Obesity-CIBEROBN jointly with Hepato-Gastroenterol/Lipids

Chairs: TBA

- 14:30-15:00 **The burden of fatty liver disease in an aging population**
Elisabetta Bugianesi (Torino, Italy)

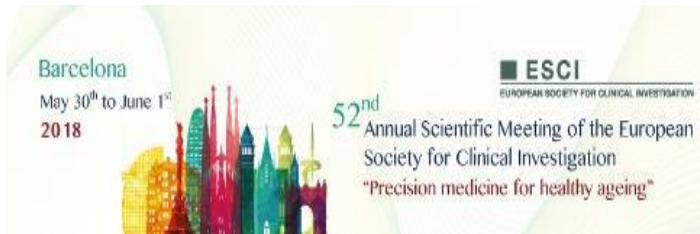
- 15:00-15:30 **Hepatobiliary cholesterol transport**
Frank Lammert (Homburg, Germany)

- 15:30-16:00 **Circadian lipid metabolism and liver**
Mercedes Fernández (Barcelona, Spain)

16:00-16:30 COFFEE BREAK

- 16:30-16:40 Speaker selected from submitted abstracts
- 16:40-16:50 Speaker selected from submitted abstracts
- 16:50-17:00 Speaker selected from submitted abstracts
- 17:00-17:10 Speaker selected from submitted abstracts
- 17:10-17:20 Speaker selected from submitted abstracts
- 17:20-17:30 Speaker selected from submitted abstracts

17:30-19:00 POSTER Viewing and evaluation with Drinks



Friday 1st June

Obesity, ageing and cognitive dysfunction

Chairs: Manuel Tena & Javier Salvador

8:30-9:00	Obesity, neuroinflammation and cognitive dysfunction José Manuel Fernández-Real (Girona, Spain)
9:00-9:30	Obesity, ageing and sarcopenia: pathophysiological interactions and impact on clinical practice Simone Perna (Pavia, Italy)
9:30-9:45	Speaker selected from submitted abstracts
9:45-10:00	Speaker selected from submitted abstracts
10:00-10:30	COFFEE BREAK
10:30-12:30	COMMON ACTIVITIES – Multidisciplinary focus sessions in MR 10 + 11
12.30-14.30	LUNCH & Poster Viewing and evaluation

Obesity-CIBEROBN jointly with Hepato-Gastroenterol/Lipids

Chairs: TBA

14:30-15:00	Bile acids metabolism and disease Matías A. Ávila (Pamplona, Spain)
15:00-15:30	FGF21 as a dual hepatokine/adipokine in the control of lipid metabolism Francesc Villarroya (Barcelona, Spain)
15:30-16:00	Genetic regulation of liver metabolism: from physiology to disease Catherine Postic (Paris, France)
16:00-16:30	COFFEE BREAK
16:30-16:45	Speaker selected from submitted abstracts
16:45-17:00	Speaker selected from submitted abstracts
17:00-17:15	Speaker selected from submitted abstracts
17:15-17:30	Speaker selected from submitted abstracts
17:30-17:45	Speaker selected from submitted abstracts
18:00-18:30	POSTER Prizes & Closing in Room MR 10 + 11