

INTERNATIONAL WORKSHOP ON LIVER AND GUT FIBROSIS

THURSDAY 7TH OCTOBER, VALENCIA

- 8:30 - 9:00 AM** Registration
- 9:00 AM** Welcome & Overview of the workshop
- 9:15 - 10:30 AM** **CELLULAR AND MOLECULAR MECHANISMS IN FIBROSIS**
Chairs: Dolores Barrachina (University of Valencia) & Jordi Gracia-Sancho (IDIBAPS, Barcelona)
- 9:15 – 9:53 AM: An INTESTINAL perspective. **Gerhard Rogler (University Hospital Zurich)**
- 9:53 – 10:30 AM: A LIVER perspective. **Frank Tacke (Charité Universitätsmedizin Berlin)**
- 10:30 -11:00 AM** *Coffee break*
- 11:00 AM - 1:00 PM** **FACTORS INFLUENCING THE DEVELOPMENT OF FIBROSIS**
Chairs: Sara Calatayud (University of Valencia) & Manon Wilderberg (University of Amsterdam)
- 11:00 – 11:30 AM: Microbiota. **Rubén Francés (FISABIO-Hospital General Universitario de Alicante)**
- 11:30 – 12:00 AM: Vascular biology. **Jordi Gracia-Sancho (IDIBAPS, Barcelona)**
- 12:00 – 12:30 PM: Epithelial-to-mesenchymal transition. **Ángela Nieto (Instituto de Neurociencias de Alicante)**
- 12:30 – 1:00 PM: Fibrosis regression: the example of the antiretroviral Rilpivirine. **Ana Blas-García (University of Valencia)**
- 1:00 – 2:30 PM** *Lunch*
- 2:30 – 4:00 PM** **FROM BENCH TO BEDSIDE**
Chairs: Marta M. Boscá-Watts (Hospital Clínico Universitario de Valencia) & Juan Sastre (University of Valencia)
- 2:30 – 2:53 PM: Fibrosis in Crohn’s disease. **Manon Wildenberg (University of Amsterdam)**
- 2:53 – 3:15 PM: Experimental models of murine intestinal fibrosis. **Jesús Cosín-Roger (FISABIO, Valencia)**
- 3:15 – 3:38 PM: Traslational research in liver fibrosis. **Salvador Benlloch (Hospital Universitario La Fe, Valencia)**
- 3:38 – 4:00 PM: Experimental models of murine liver fibrosis. **Javier Cubero (Universidad Complutense, Madrid)**
- 4:00 – 4:30 PM** *Coffee break*
- 4:30 – 5:30 PM** **SPECIFIC TOPICS**
Chairs: Ana Blas-García (University of Valencia) & Rubén Francés (FISABIO-Hospital General Universitario de Alicante)
- 4:30 - 4:50 PM: Exosomes and omics. **Juan Manuel Falcón (CICbioGUNE, Bilbao)**
- 4:50 – 5:10 PM: Advances in *in vitro* models of intestinal fibrosis. **Azucena Salas (Hospital Clínic, Barcelona)**
- 5:10 – 5:30 PM: Advances in *in vitro* models of liver fibrosis. Novel 3D cell culture systems for new target identification and drug development. **Krista Rombouts (University College London)**
- 6:00 – 8:00 PM** *Tour of the city*
- 8:00 PM** *Drinks and canapés*

INTERNATIONAL WORKSHOP ON LIVER AND GUT FIBROSIS

FRIDAY 8TH OCTOBER, VALENCIA

9:00 - 11:00 AM

ORAL PRESENTATIONS

Chairs: Nadezda Apostolova (University of Valencia) & Moisés Diago (Hospital General Universitario de Valencia)

9:00 – 9:12 AM: A novel hybrid murine model of BASH with rapid progression to advanced fibrosis. **Raquel Benedé-Ubieto (Universidad Complutense de Madrid)**

9:12 – 9:24 AM: Proteomic profiling of hepatic stellate cell differentiation from induced pluripotent stem cells: new tools to understand liver development and fibrosis. **Raquel A. Martínez García de la Torre (IDIBAPS, Barcelona)**

9:24 – 9:36 AM: Role of Notch Pathway in the induction of fibrosis in Crohn's disease. **Jorge Marín-Aracil (University of Valencia)**

9:36 – 9:48 AM: Inhibition of CCL2/CCR2 signaling promotes Rilpivirine-induced anti-fibrotic and anti-inflammatory effects in liver diseases. **Ángela Moragrega (University of Valencia)**

9:48 – 10:00 AM: Fibroblast Growth Factor 21 is induced in non-alcoholic fatty liver disease. **Rocío Gallego-Durán (Instituto de Biomedicina de Sevilla)**

10:00 – 10:12 AM: Chemokine network transcriptional regulation by biologic monotherapy in ileum of patients with Crohn's disease. **Raquel Linares (Universidad Miguel Hernández)**

10:12 – 10:24 AM: Hepatocyte derived microRNAs embedded in extracellular vesicles negatively impact on the liver sinusoidal endothelium in chronic liver disease. **Laia Abad-Jordá (IDIBAPS, Barcelona)**

10:24 – 10:36 AM: Defective proteolytic processing of collagen in macrophages enhances liver fibrosis. **Paloma Ruiz-Blázquez (Instituto de Investigaciones Biomédicas de Barcelona)**

10:36 – 10:48 AM: Ileal transcriptomic changes in complicated Crohn's disease reveal extracellular matrix organization, inflammation and cell activation signature expression. **Marta Seco-Cervera (FISABIO-Hospital Dr. Peset)**

11:00 - 11:30 AM

Coffee Break

11:30 AM - 1:30 PM

THERAPEUTIC APPROACHES TO FIBROSIS

Chairs: Fernando Gomollón (Hospital Clínico Universitario "Lozano Blesa", Zaragoza) & Marina Berenguer (Hospital Universitario La Fe, Valencia)

11:30 – 12:00 AM: Pharmacology of fibrosis. **Sara Calatayud (University of Valencia)**

12:00 – 12:30 PM: Management of liver fibrosis. **Jaume Bosch (University of Bern and IDIBAPS, Barcelona)**

12:30 – 1:00 PM: Advanced liver fibrosis in HCV-infected patients. **Marina Berenguer (Hospital Universitario La Fe, Valencia)**

1.00 – 1:30 PM: Epidemiology and management of fibrosis in Crohn's disease. **Eugeni Domènech (Hospital Universitari Germans Trias i Pujol, Badalona)**

1:30 -1:45 PM

Best Communication Award and concluding remarks

2:00 – 3:30 PM

Lunch