

# Bicocca Hepato-Gastro Meeting

Milan, June 15<sup>th</sup>-16<sup>th</sup> and 17<sup>th</sup> 2023

The first Bicocca Hepato-Gastro Meeting has been planned aiming at presenting the highest profiles in the main topics in Hepatology and Gastroenterology.

The Meeting is jointly organized by the University of Milan Bicocca, Papa Giovanni XXIII Hospital of Bergamo, Milan Niguarda Hospital and S.Gerardo Hospital of Monza.

The meeting is structured in plenary sessions based on state-of-the-art lectures and interactive or live sessions workshops.

**Hepatology** (topics covered: immunology and pathogenesis of hepatitis B infection, gut vascular barrier and liver diseases, autoimmune diseases, genetic therapies in autoimmune liver diseases, new definition of decompensated cirrhosis, artificial intelligence in risk stratification in non-alcoholic fatty liver disease (NAFLD), genetics in NAFLD, hemochromatosis, polycystic liver disease, non-invasive assessment of hepatic fibrosis and portal hypertension, microbiota in liver diseases).

**Onco- Hepatology** (topics covered: organoids and animal models for the study of liver tumors, lipid metabolism and cancer immunotherapy, biomarkers for cholangiocarcinoma, therapeutic approach to hepatocellular carcinoma, basics of cholangiocarcinoma, molecular landscape and therapeutic strategies in cholangiocarcinoma, molecular basis for personalized therapy in GEP-NET)

**Liver transplantation** (Topics covered: HBV prophylaxis in LT: time for a change, ACLF and Liver Transplantation, gene therapy and liver transplantation for inborn errors of metabolism, role of histology in LT, novel therapies for pre and post-LT, coronary artery disease and LT

**Gastroenterology** (topics covered: microbiota in gastrointestinal disorders, novel treatment strategies in inflammatory bowel diseases, irritable bowel disease, artificial intelligence in GI endoscopy, EUS/ERCP in biliopancreatic endotherapy, celiac disease, disease and diet interactions with virome, precision nutrition in IBD, updates on chronic pancreatitis, new treatments of short bowel syndrome, treatment of microscopic colitis)

**Onco-Gastroenterology** (Topics covered: pancreatic cystic lesions: diagnostic and prognostic factors, Endoluminal therapy in cholangiocarcinoma, EUS ablative treatment of pancreatic tumors, Endotherapy of T1 rectal cancer, full thickness resections and suturing devices, screening in colorectal cancer.)

The structure of the meeting is completed with live endoscopy and surgery sessions and short selected presentations from submitted abstracts.

## **Day1 – Thursday, 15th June 2023**

- h. 15:30 Registration
- h. 16:45 Welcome  
*Pietro Invernizzi* | University of Milan-Bicocca, Milan, Italy
- h. 17:00 **State-of-the-art Lecture: Hepatitis C virus**  
Presenter: *Massimo Puoti* | University of Milan Bicocca, Milan, Italy  
Introducers:  
*Massimo Colombo* | Vita Salute San Raffaele University, Milan, Italy  
*Antonio Craxì* | University of Palermo, Palermo, Italy  
Keynote speaker: *Michael Houghton* | University of Alberta, Alberta, Canada
- h. 18:00 Welcome cocktail

## **Day2 – Friday, 16th June 2023**

### Plenary session

*Chairs:* *Marco Emilio Dinelli* | ASST Monza, Monza, Italy  
*Stefano Fagioli* | University of Milan Bicocca, Monza, Italy  
| ASST Papa Giovanni XXIII, Bergamo, Italy

- h. 08:30 **Immunology and pathogenesis of hepatitis B infection**  
*Luca G. Guidotti* | Vita Salute San Raffaele University, Milan, Italy
- h. 09:00 **Gut-Liver Axis in Liver Diseases**  
*Maria Rescigno* | Humanitas University, Milan, Italy
- h. 09:30 **Irritable Bowel Syndrome**  
*Maura Corsetti* | University of Nottingham, UK
- h. 10:00 **Artificial Intelligence: is the time for routine application in GI endoscopy?**  
*Cesare Hassan* | Humanitas University, Milan, Italy
- h. 10:30 **Application of artificial intelligence in risk stratification in NAFLD**  
*Kris Kowdley* | Liver Institute North West Seattle, USA
- h. 11:00 Three short selected presentations from submitted abstracts

h. 11:30	Coffee break
h. 11:50	<b>Live session of Liver surgery</b>
h. 13:30	
<i>Chairs:</i>	<i>Michele Colledan</i>   ASST Papa Giovanni XXIII, Bergamo, Italy University of Milan Bicocca, Monza, Italy <i>Luciano De Carlis</i>   University of Milan Bicocca, Monza, Italy
h. 13:30	Lunch and poster viewing
Parallel sessions	
1.	<u>Hepatology</u>
<i>Chairs:</i>	<i>Marco Carbone</i>   University of Milan Bicocca, Monza <i>Ulrich Beuers</i>   University of Amsterdam, The Netherlands
h. 14:00	Three short selected presentations from submitted abstracts
h. 14:30	<b>New therapies in HBV/HDV</b> <i>Pietro Lampertico</i>   University of Milan, Milan, Italy
h. 15:00	<b>Risk stratification and therapeutic approaches in immune-mediated cholangiopathies</b> <i>Marco Carbone</i>   University of Milan-Bicocca, Monza
h. 15:30	<b>Bicarbonate Umbrella in the pathogenesis of biliary diseases</b> <i>Ulrich Beuers</i>   University of Amsterdam, The Netherlands
h. 16:00	Coffee break
<i>Chairs</i>	<i>Lorenzo D'Antiga</i>   ASST Papa Giovanni XXIII, Bergamo, Italy <i>Maria Rescigno</i>   Humanitas University, Milan, Italy
h. 16:30	<b>Gene therapy and liver transplantation in inborn errors of metabolism</b> <i>Lorenzo D'Antiga</i>   ASST Papa Giovanni XXIII, Bergamo
h. 17:00	<b>Gut-liver cross-talk in cholestatic disease</b> <i>Richard J Thompson</i>   King's College London, UK
h. 17:30	<b>Genetics in NAFLD</b> <i>Luca Valenti</i>   University of Milan, Milan, Italy

## 2. Pancreatic and colorectal disease

*Chairs:* *Massimiliano Mutignani* | University of Milan Bicocca, Monza, Italy

*Franco Radaelli* | Valduce Hospital, Como, Italy

h. 14:00 Three short selected presentations from submitted abstracts

h. 14:30 **Screening in colorectal cancer: state of the art**

*Franco Radaelli* | Valduce Hospital, Como, Italy

h. 15:00 **Full thickness resection and suturing devices**

*Gianluca Andrisani* | Campus BioMedico, Rome, Italy

h. 15:30 **Molecular basis for personalized therapy in GEP-NET**

*Marianne Pavel* | Friedrich Alexander University Erlangen-Nürnberg, Erlangen, Germany

h. 16:00 Coffee break

*Chairs:* *Sara Massironi* | University of Milan Bicocca, Monza, Italy

*Massimiliano Mutignani* | University of Milan Bicocca, Monza, Italy

h. 16:30 **Updates on chronic pancreatitis**

*Gabriele Capurso* / Vita Salute San Raffaele University, Milan, Italy

h. 17:00 **EUS/ERCP: the one-way solution for biliopancreatic endotherapy?**

*Massimiliano Mutignani* | University of Milan Bicocca, Monza, Italy

h. 17:30 **EUS and pancreatic cystic lesions: Diagnostic and prognostic factors**

*Luca Barresi* | IRCCS ISMET, Palermo

## 3. Surgery in Liver Transplantation

*Chairs:* *Luciano De Carlis* | University of Milan Bicocca, Monza, Italy

*Romano Fabrizio* | University of Milan Bicocca, Monza, Italy

h. 14:00 Three short selected presentations from submitted abstracts

h. 14:30 **ALF and liver transplantation**

*Julia Wenden* | King's College London, London, UK

h. 15:00 **Liver Transplantation for HCC**

*Umberto Cillo* | University of Padua, Padua, Italy

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- h. 15:30 **Tailored immunosuppression in liver transplantation**  
*Paolo De Simone* | University of Pisa Medical School Hospital, Pisa, Italy
- h. 16:00 Coffee break
- Chairs:* *Michele Colledan* | ASST Papa Giovanni XXIII, Bergamo, Italy  
| University of Milan Bicocca, Monza, Italy  
*Vincenzo Mazzaferro* | University of Milan, Milan, Italy
- h. 16:30 **Liver transplantation for neuroendocrine and colon cancer liver metastasis**  
*Carlo Sposito* | University of Milan, Milan, Italy
- h. 17:00 **Liver Transplantation for PSC with IBD and the complexity of hepato-enteric axis**  
*Silvio Nadalin* | University of Tübingen, Tübingen, Germany
- h. 17:30 **DCD in liver transplantation**  
*Andrea Schlegel* | University Hospital Zurich, Zürich, Switzerland

### **Day3 – Saturday, 17th June 2023**

- Plenary session
- Chairs:* *Pietro Invernizzi* | University of Milan Bicocca, Monza, Italy  
*Mariangela Allocca* | Vita Salute San Raffaele University, Milan, Italy
- h. 08:30 **Polycystic Liver Disease**  
*Joost P H Drenth* | University of Nijmegen, Nijmegen, The Netherlands
- h. 09:00 **From pathogens to human diseases: the hemochromatosis journey**  
*Antonello Pietrangelo* | University of Modena, Modena, Italy
- h. 09:30 **Placing novel treatment strategies in IBD**  
*Flavio Caprioli* | University of Milan, Milan, Italy
- h. 10:00 **New Goals in IBD treatments: what's beyond mucosal healing?**  
*Alessandro Armuzzi* | Humanitas University, Milan, Italy
- h. 10:30 **Precision medicine for hepatocellular carcinoma**  
*Fabio Piscaglia* | University of Bologna, Bologna, Italy

h. 11:00	<b>Disposable ERCP</b>
	<i>Marco J Bruno   Erasmus University Medical Center, Rotterdam, The Netherlands</i>
h. 11:30	Coffee break
h. 11:50	<b>Video case session of endoscopy</b>
h. 13:30	
<i>Chairs:</i>	<i>Massimiliano Mutignani   University of Milan Bicocca, Monza, Italy</i> <i>Paolo Giorgio Arcidiacono   Vita Salute San Raffaele University, Milan</i>
h. 13:30	Lunch and poster viewing

#### Parallel sessions

1.	<b><u>Gastrointestinal diseases and gut-liver axis</u></b>
<i>Chairs:</i>	<i>Donatella Barisani   University of Milan Bicocca, Monza, Italy</i> <i>Luca Elli   University of Milan, Milan, Italy</i>
h. 14:00	Three short selected presentations from submitted abstracts
h. 14:30	<b>Celiac disease</b> <i>Donatella Barisani   University of Milan Bicocca, Monza, Italy</i>
h. 15:00	<b>Microbiota in liver diseases</b> <i>Ma Xiong   University Jiao Tong, Shanghai, China</i>
h. 15:30	<b>Eosinophilic Esophagitis: updates on epidemiology, diagnosis and management</b> <i>Kristine Højgaard Allin   Aalborg University Hospital, Denmark</i>
h. 16:00	Coffee break
<i>Chairs:</i>	<i>Chiara Viganò   ASST Monza, Monza, Italy</i> <i>Sara Massironi   University of Milan Bicocca, Milan, Italy</i>
h. 16:30	<b>The interactions between the mucosal immune system and the intestinal microenvironment</b> <i>Federica Facciotti   University of Milan-Bicocca, Milan, Italy</i>

- h. 17:00 **New treatments of short bowel syndrome**  
*Francisca Joly* | Beaujon Hospital, Paris, France
- h. 17:30 **Diet in IBD: preclinical and clinical concepts**  
*Franco Scaldaferrri* | Università Cattolica del Sacro Cuore - Fondazione Policlinico 'A. Gemelli' IRCCS, Italy

## 2. Hepato-biliary oncology

*Chairs:* *Domenico Alvaro* | University La Sapienza, Rome Italy  
*Andrea Casadei Gardini* | Vita Salute San Raffaele University, Milan, Italy

- h. 14:00 Three short selected presentations from submitted abstracts
- h. 14:30 **Organoids and animal models for the study of liver tumors**  
*Diego Calvisi* | University of Regensburg, Regensburg, Germany
- h. 15:00 **Lipid metabolism and cancer immunotherapy**  
*Antonio Sica* | Humanitas University, Milan, Italy
- h. 15:30 **Systemic Therapeutic approach to Hepatocellular Carcinoma**  
*Andrea Casadei Gardini HSR* | Vita Salute San Raffaele University, Milan, Italy

h. 16:00 Coffee break

*Chairs:* *Sara Massironi* | University of Milan Bicocca, Monza, Italy  
*Lorenza Rimassa* | Humanitas University, Milan, Italy

- h. 16:30 **Biomarkers for cholangiocarcinoma and HCC**  
*Jesus M Banales* | University of the Basque Country, San Sebastian, Spain
- h. 17:00 **Molecular landscape and therapeutic strategies in Cholangiocarcinoma**  
*Domenico Alvaro* | University La Sapienza, Rome, Italy
- h. 17:30 **Endoluminal therapy in cholangiocarcinoma: myth or evidence?**  
*Alberto Mariani* | Vita Salute San Raffaele University, Milan

### 3. Liver transplantation

- Chairs:* *Stefano Fagioli* | University of Milan Bicocca, Monza, Italy  
| ASST Papa Giovanni XXIII, Bergamo, Italy  
*Lorenzo D'Antiga* | ASST Papa Giovanni XXIII, Bergamo, Italy
- h. 14:00 Three short selected presentations from submitted abstracts
- h. 14:30 **Frailty in ESLD and liver transplantation**  
*Jennifer Lai* | University of California-San Francisco, San Francisco, CA
- h. 15:00 **ACLF and Liver Transplantation**  
*Paolo Angeli* | University of Padova, Padova, Italy
- h. 15:30 **Coronary artery disease in Liver Transplantation**  
*Andrea De Gasperi* | ASST GOM Niguarda, Milan, Italy
- h. 16:00 Coffee break

- Chairs:* *Luca Saverio Belli* | University of Milan Bicocca, Monza, Italy  
*Stefano Fagioli* | University of Milan Bicocca, Monza  
| ASST Papa Giovanni XXIII, Bergamo, Italy

### **WORKSHOP**

- h. 16:30 **Role of Histology in LT: what we need to know from the pathologist**  
*Aurelio Sonzogni* | ASST Papa Giovanni XXIII, Bergamo, Italy
- h. 17:30 **HBV prophylaxis in LT: Pros and Cons**  
*Patrizia Burra* | University of Padua, Padua, Italy  
*Christophe Duvoux* | Université Paris Est, Créteil, France

## **Organizing committee**

- Luciano De Carlis | University of Milano-Bicocca, Monza
- Stefano Fagioli | ASST Papa Giovanni XXIII, Bergamo - University of Milano-Bicocca, Monza
- Pietro Invernizzi | University of Milano-Bicocca, Monza

## **Scientific committee**

- Donatella Barisani | University of Milano-Bicocca, Monza
- Luca Saverio Belli | University of Milano-Bicocca, Monza
- Marco Carbone | University of Milano-Bicocca, Monza
- Michele Colledan | ASST Papa Giovanni XXIII, Bergamo - University of Milano-Bicocca, Monza
- Laura Cristoferi | University of Milano-Bicocca, Monza
- Lorenzo D'Antiga | ASST Papa Giovanni XXIII, Bergamo
- Marco Emilio Dinelli | Fondazione IRCCS San Gerardo dei Tintori, Monza
- Luciano De Carlis | University of Milano-Bicocca, Monza
- Stefano Fagioli | ASST Papa Giovanni XXIII, Bergamo - University of Milano-Bicocca, Monza
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- Pietro Invernizzi | University of Milano-Bicocca, School of Medicine
- Andrea Lauterio | University of Milano-Bicocca, Monza
- Sara Massironi | University of Milano-Bicocca, Monza
- Massimiliano Mutignani | University of Milano-Bicocca, Monza
- Massimo Puoti | University of Milano-Bicocca, Monza
- Fabrizio Romano | University of Milano-Bicocca, Monza
- Chiara Viganò | Fondazione IRCCS San Gerardo dei Tintori, Monza

## **Organizing Secretariat**

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- Barbara Colonnello
- Marianna Riva