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Centro de Investigación Biomédica en Red  
Cáncer

## Pathology of the exocrine pancreas - of men and mice A 3-day "*meet the expert*" international course

*December 1-3, 2022*

### Organizers

Núria Malats and Francisco X. Real (CNIO and CIBERONC)

### Faculty

**Jérôme Cros** is Professor of Pathology since 2020 in the Department of Surgical Pathology of Beaujon Hospital-Université Paris cité, France, a center dedicated to digestive disease with a strong emphasis on pancreatic diseases both exocrine and endocrine (around 300 surgical resections/year and an ENETS Center of Excellence). He obtained his M.D at Necker Medical School in 2000 and his Ph.D. in virology at Mount Sinai Medical School in 2004 before moving back to Necker Hospital for his postdoc in immunology. After completing his residency in pathology, he moved in 2011 to Beaujon Hospital to lead the pancreatic pathology. His research interests focus on tumor phenotypic and molecular heterogeneity both naive and chemo-induced with particular attention to biomarker development for tumor subtyping in routine practice.

**Irene Esposito** is Full Professor of Pathology and since 2015 Head of the Institute of Pathology at the University Hospital of Düsseldorf, Germany. She obtained her MD in 1997 at the University of Pisa, Italy, where she also completed her training in Pathology. After moving to Germany in 2003, she worked as consultant at the Institute of Pathology of the University of Heidelberg (2003-2007), where she became Assistant Professor in 2007. After that, she moved to Munich, where she became Head of the Mouse Pathology Unit at the Helmholtz Zentrum in Neuherberg (2008-2010) performing mouse phenotyping at the German Mouse Clinic. In 2010 she was appointed as Associate Professor of Tumor Pathology at the Institute of Pathology of the Technische Universität of Munich and in 2011 she became Vice-Director of the Institute. After a short period as Director of the Institute of Pathology of the Medical University of Innsbruck, Austria, she was appointed at the Heinrich Heine University of Duesseldorf and moved back to Germany. Prof. Esposito is an expert in hepato-pancreatico-biliary, gastrointestinal and neuroendocrine pathology. Her scientific interests focus on pancreatico-biliary carcinogenesis and on experimental, comparative and surgical pathology of pancreatico-biliary neoplasms.

**Caroline Verbeke** trained in Histopathology at the University Hospital in Antwerp (Belgium) and Mannheim/Heidelberg (Germany). She worked as a research associate in Experimental Pathology at the Kovler Viral Oncology Laboratories (University of Chicago). She was a Consultant GI Histopathologist and Honorary Senior Lecturer at St James's University Hospital Leeds (UK). She worked at Karolinska University Hospital, Stockholm (Sweden) as a Consultant Histopathologist and Associate Professor. Since 2014, she works as a Professor and Consultant Histopathologist at the University of Oslo and Oslo University Hospital. She has more than 20 years of experience in pancreatic pathology and is actively involved at a national and international level in the development of diagnostic data sets and guidelines for the reporting of pancreatic cancer. She is particularly interested in tumor heterogeneity and the characterization of residual pancreatic cancer following neoadjuvant treatment.

### Other faculty

Mark Kalisz, Postdoctoral Fellow, Epithelial Carcinogenesis Group, CNIO, and CIBERONC  
Núria Malats, Genetic and Molecular Epidemiology Group, CNIO  
Francisco X. Real, Epithelial Carcinogenesis Group, CNIO

## Preliminary programme

### Thursday - am

- Welcome and presentation of the course and participants (N. Malats, F. X. Real)
- The burden and epidemiology of pancreatic disease (N. Malats)
- A primer on pancreatic development (M. Kalisz)
- Anatomy and histology: human specimen handling and reporting (C. Verbeke)
- Acute and chronic pancreatitis: human and role of pathology (C. Verbeke)

### Thursday - pm

- Mouse Anatomy and Histology - how to deal with mouse models (I. Esposito)
- Mouse models of acute and chronic pancreatitis (F. X. Real, I. Esposito)
- Fatty pancreas: human and mouse (C. Verbeke, F. X. Real)
- Bring your own problem

### Friday - am

- PDAC, its variants, and differential diagnoses (J. Cros)
- Molecular genetics of PDAC (J. Cros)
- Post neoadjuvant PDAC (C. Verbeke)
- Mouse models of PDAC and other exocrine tumors (I. Esposito, F.X. Real)
- Precursor lesions in humans and mouse models (I. Esposito)

### Friday - pm

- Neuroendocrine & acinar/rare neoplasms: classification, subtypes and risk stratification (J. Cros)
- Models of neuroendocrine tumors (mouse models and organoids) (J. Cros)
- Diagnostic pitfalls in pancreatic pathology (C. Verbeke, I. Esposito, J. Cros)
- Bring your own problem

### Saturday am

- IPMN and other intraductal tumors including molecular analysis of cyst fluids (I. Esposito)
- Other cystic lesions and rare tumors (I. Esposito)
- PDX/organoids from exocrine and endocrine tumors (J. Cros, F. X. Real)
- Bring your own problem session (I. Esposito, J. Cros)
- Concluding remarks - Farewell (N. Malats, F. X. Real)

## Registration fees

External	200 euros
CNIO	100 euros
CIBERONC and PanCAiM members	No charge

**Registration deadline** **November 20**

## More information

<https://www.cnio.es/eventos/categoria/otros-eventos/>