

# Pathology of the exocrine pancreas - of mice and men

## A 3-day "*meet the expert*" course

December 4-6, 2014

CNIO, Madrid

### Organizers

Fiona Campbell  
Irene Esposito  
Núria Malats  
Francisco X. Real

### Faculty

**Irene Esposito** is Professor of Tumor Pathology and since 2010 Vice-director of the Institute of Pathology of the Technische Universität München in Munich, Germany. Recently, she has been appointed as Director of the Institute of Pathology at the Innsbruck Medical University, Austria. She has more than 10 years' experience in pancreatobiliary pathology, with a strong interest in precursor lesions and early carcinogenesis. From 2008 to 2010 she directed the Mouse Pathology Unit at the Helmholtz Zentrum Munich in close collaboration with the German Mouse Clinic and she is currently involved in numerous national and international research projects focusing on mouse models for pancreatic and liver diseases.

**Fiona Campbell** has been a Consultant Gastrointestinal Pathologist at the Royal Liverpool University Hospital, Liverpool, UK, since 1996. In 2012, the University of Liverpool appointed her as Honorary Professor of Pathology in recognition of her contribution to pancreas research, including helping Liverpool to become a National Institute for Health Research (NIHR) Pancreas Biomedical Research Unit. She has lectured nationally and internationally on many topics in gastrointestinal pathology, but her main area of interest is the exocrine pancreas. In 2013, she co-authored the book 'Pancreas Pathology – A Practical Approach' with Caroline Verbeke from the Karolinska Institute, Sweden.

**Paola Martinelli** has worked for the past six years at the Spanish National Cancer Research Center in Madrid, Spain, and recently started her own independent research in the Institute for Cancer Research at the Medical University in Vienna, Austria. Her interest since 2008 has been the understanding of molecular mechanisms involved in the different steps of pancreatic cancer development, including tumor initiation and, more recently, tumor spreading and metastasis formation, using a combination of engineered mouse models, in vitro studies, and patients' samples.

### Invited faculty

Alba de Martino

## Thursday, December 4

- 10:00-10:30 Welcome and presentation of the course and participants (Real/Malats)
- 10:30-11:15 The burden and epidemiology of pancreatic disease (Malats)
- 11:15-11:30 Anatomy and histology: human (Campbell)
- 11:30-11:45 Anatomy and histology: mouse (Martinelli)
- 11:45-12:15 A primer on pancreatic development (Martinelli)
- 12:15-13:00 The CNIO Histopathology Unit (de Martino)
- 13:00-14:00 Lunch**
- 14:00-14:30 Acute and chronic pancreatitis: human (Esposito)
- 14:30-15:00 Pancreatitis of unknown aetiology: role of pathology (Esposito)
- 15:00-15:30 Mouse models of acute pancreatitis (Martinelli/Esposito)
- 15:30-16:00 Mouse models of chronic pancreatitis (Martinelli/Esposito)
- 16:00-16:30 Coffee break**
- 16:30-17:30 Slide seminar (Campbell/Martinelli)

## Friday, December 5

- 9:00-9:40 PDAC, its variants, and differential diagnoses (Campbell)
- 9:40-10:15 Molecular genetics of PDAC (Esposito)
- 10:15-11:00 Cystic and rare tumors (Campbell)
- 11:00-11:30 Coffee break**
- 11:30-12:15 IPMN and other intraductal tumors (Esposito)
- 12:15-13:30 Slide seminar (Campbell/Esposito)
- 13:30-14:30 Lunch**
- 14:30-15:00 Specimen handling and reporting (Campbell)
- 15:00-16:00 Mouse models of PDAC and other exocrine tumors (Martinelli)
- 16:00-16:30 Precursor lesions in humans and mouse models (Esposito)
- 16:30-17:00 Coffee break**
- 17:00-18:30 Slide seminar (Esposito/Martinelli)

## Saturday, December 6

9:00-9:40 Neuroendocrine neoplasms: classification, subtypes and risk stratification (Campbell)

9:40-10:15 Mouse models of neuroendocrine tumors (Esposito)

10:15-11:30 Slide seminar (Campbell/Esposito)

### **11:30-12:00 Coffee break**

12:00-13:00 Diagnostic pitfalls in pancreatic pathology (Campbell)

13:00-14:00 Quiz

### **14:00-15:00 Lunch**

15:00-16:00 Quiz solution (Campbell/Martinelli)

16:00-17:30 BYOP (Bring your own problem) session

17:30-17:45 Concluding remarks - Farewell

### **Support**

*EU COST Action - PANCREAS*

*Red Temática de Investigación en Cáncer (RTICC)*