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Basic Science Course

Hot topics in experimental GI cancer

June 30 – July 2, 2016

Technical University Munich

Germany



Programme

For more information visit www.ueg.eu/education

THURSDAY, June 30, 2016

Introduction

10:00 – 12:30

Arrival and registration

12:30 – 13:30

Lunch break

Lectures

Chair: Helmut Friess, Roland Schmid

13:30 – 13:45

Welcome and introduction

Helmut Friess

13:45 – 14:30

Intestinal cancer models

Klaus-Peter Janssen

14:30 – 15:15

Cell adhesion and migration in carcinogenesis research

Melanie Laschinger

15:15 – 16:00

Analysis of stem cell biology in gastrointestinal carcinogenesis

Michael Quante

16:00 – 16:30

Coffee break

Lectures

Chair: Hana Algül, Klaus-Peter Janssen

16:30 – 17:15

Pathology of GI-cancer mice models

Irene Esposito

17:15 – 18:15

Interactive abstract discussions

19:30 Meeting point for dinner: Hotel lobby

FRIDAY, July 1, 2016

Lectures

Chair: Melanie Laschinger

08:30 – 09:00

The importance of neuro-cancer interactions in carcinogenesis

Ihsan Ekin Demir

09:00 – 17:00

Parallel sessions: hands-on training

Participants will attend in one out of the following sessions

- Cancer-cell isolation from genetic modified mice for pancreatic cancer
- Cancer-cell isolation from genetic modified mice for colon cancer
- Cell migration via time-lapse microscopy
- Isolation and culture of intestinal organoids
- Isolation of pancreatic stellate cells
- Isolation of dorsal root ganglia
- Imaging in mice
 - MRI
 - Ultrasonography
 - Coloscopy
 - Luciferase imaging

12:30 – 13:30

Lunch break

19:30 Meeting point for dinner: Hotel lobby

SATURDAY, July 2, 2016

Lectures

Chair: Steffen Teller

08:30 – 09:00

The impact of stroma on carcinogenesis

Mert Erkan

09:00 – 17:00

Parallel sessions: hands-on training

Participants will attend in one out of the following sessions

- Cancer-cell isolation from genetic modified mice for pancreatic cancer
- Cancer-cell isolation from genetic modified mice for colon cancer
- Cell migration via time-lapse microscopy
- Isolation and culture of intestinal organoids
- Isolation of pancreatic stellate cells
- Isolation of dorsal root ganglia
- Imaging in mice
 - MRI
 - Ultrasonography
 - Coloscopy
 - Luciferase imaging

12:30 – 13:30

Lunch break