

## **EASL SCHOOL OF HEPATOLOGY**

### **PERSONALISED MEDICINE IN HEPATOBILIARY MALIGNANCIES**

#### **Faculty:**

##### **University Hospital Heidelberg, Heidelberg, Germany:**

- Pathology and Molecular Pathology:
- Prof. Peter Schirmacher, Prof. Albrecht Stenzinger, Prof. Thomas Longerich
- Hepatology: Dr. Dr. Michael Dill
- Oncology: Prof. C. Springfeld

##### **Hannover Medical School, Hannover, Germany:**

- GI-Oncology: PD Dr. Anna Saborowski

##### **Hannover Medical School, Hannover, Germany and University of Toronto, Toronto, Canada:**

- GI-Oncology: Prof. Arndt Vogel

##### **Trinity College Dublin, Dublin, Ireland:**

- GI-Oncology: Prof. Grainne O’Kane

**DAY 1 – Friday 26 April 2024**

08:30-09:00	<b>Arrival and Registration</b>	
09:00-09:30	<b>Welcome</b> Housekeeping, introduction to materials, aim, and format of the school and of the presenters	
09:30-10:00	<b>What does individualized medicine mean?</b> Introductory pitch and discussion	A. Saborowski, P. Schirmacher
<b>Session 1: Molecular diagnostics</b>		
10:00-11:00	<b>Key diagnostic technologies and assays</b> (Exoms, Panels, DNA and RNAseq, Liquid and Tissue) <i>Presentation with discussion</i>	A. Stenziger
11:00-11:30	<b>Coffee break</b>	
11:30-12:30	<b>Parallel break-out workshop (flipped classroom with experts):</b> Group work: Discussion of cases contributed by delegates	Faculty: all
12:30-13:00	<b>Where will molecular diagnostics be in 5 years?</b> Innovation in the context of technologies, regulations and clinical need <i>Discussion with pitch</i>	C. Springfeld, A. Vogel, P. Schirmacher
13:00-14:00	<b>Lunch</b>	
<b>Session 2: Individualized treatment strategies</b>		
14:00-14:45	<b>Treatment strategies and molecular targets in biliary cancers</b> <i>Presentation</i>	G. O’Kane
14:45-15:30	<b>Treatment strategies and therapeutic sequencing in hepatocellular carcinoma</b> <i>Presentation</i>	A. Saborowski
15:30-16:00	<b>Molecular tumor board: reality and needs</b> <i>Presentation</i>	C. Springfeld
16:00-16:30	<b>“Beyond state-of-the-art”: Integrating early clinical evidence and real-world data in decision making in hepatobiliary cancers</b> <i>Presentation</i>	M. Dill
16:45-18:15	<b>Parallel break-out workshop (flipped classroom) with coffee</b>  Group work: <b>What’s known and what’s next: genomic targets in hepatobiliary cancers</b> - 5 groups (max. 5 delegates/group) - Preparation of slides to be presented in the final session (topics allocated prior to event)	Faculty: all
Evening	<b>Social event</b>	

**DAY 2 – Saturday 27 April 2024**

**Session 3: Perspectives**

08:30-09:00	<b>What has to be considered? From data protection and IVDR to companion diagnostics - Regulations that frame personalized medicine</b> <i>Presentation</i>	P. Schirmacher
09:00-09:30	<b>Resistance testing, pharmacogenomics and liquid biopsy: concepts and challenges when navigating individual patient journeys in molecularly guided therapy</b> <i>Presentation</i>	A. Vogel
09:30-10:30	<b>Parallel break-out workshop (flipped classroom): Morphology meets molecularly based therapy: live microscopy session</b> - Group 1: Morpho-molecular features of hepatobiliary cancers that matter for therapy – the basics (dedicated to delegates who are not pathologists) - Group 2: Solving diagnostic challenges in hepatobiliary malignancies (dedicated to delegates who are pathologists)	P. Schirmacher, T. Longerich
10:30-11:00	<b>The current gaps, challenges and opportunities in hepatobiliary cancers</b> <i>Presentation</i>	A. Vogel
11:00-11:15	<b>Coffee break</b>	
<b>Session 4: Group presentation, wrap up, and conclusion</b>		
11:15-12:45	<b>Workshop (flipped classroom):</b> Presentation of results from “ <b>What’s known and what’s next: genomic targets in hepatobiliary cancers</b> ” group work - 10 min presentation + 5 min discussion	
12.45-13:15	<b>What to expect from hepatobiliary cancer therapy in 5 years? From targets to trials and translation</b> <i>Concluding discussion</i>	Faculty: all
13:15-13:30	<b>Closure and farewell</b> Wrap up, prize for best presentation, follow-up and feedback session	
13:30	<b>Take-away lunch</b>	