

# EWALT | 2023

Eastern and Western Association  
of Liver Tumors (EWALT)

## PROGRAM

### LOCAL ORGANIZING TEAM

Hauke Lang, MA, FACS  
Jens Mittler

### SCIENTIFIC COMMITTEE

Peter R. Galle  
Jens Marquardt  
Guido Torzilli  
Jean-Nicolas Vauthey  
Jens Ricke  
Norihiro Kokudo

**November 8 - 10, 2023**  
**Mainz, Germany**

[www.ewalt2023.de](http://www.ewalt2023.de)





## INVITATION



Dear colleagues,

It is our great pleasure to invite you to the **25th anniversary Meeting of the Eastern and Western Association of Liver Tumors (EWALT)** which will take place in Mainz (Germany), November 8 - 10, 2023.

Since the first Eastern and Western meeting which was chaired by Jacques Belghiti and Masatoshi Makuuchi in Paris 25 years ago, EWALT and the community behind it have found many answers but raised even more questions, and the field of liver tumors is facing clinicians and researchers worldwide with complex challenges. Therefore, the 2023 Meeting in Mainz will bring together renowned specialists in the field of surgical and medical oncology, pathology, endoscopy, diagnostic and interventional radiology as well as radiotherapy. Experts from all around the world will meet in Mainz for an intensive three-day discussion on diverse aspects of liver tumors.

The 2023 program attempts to cover the most recent highlights and relevant issues on the diagnosis, management, treatment, and research of primary and secondary malignancies of the liver. This will include new surgical techniques as laparoscopic and robotic hepatobiliary surgery, new aspects in the multimodal treatment of hepatocellular carcinoma, intrahepatic cholangiocarcinoma, and liver metastases, biological agents, immunotherapy, radiologic-interventional approaches but also aspects as pre-habilitation and many more.

In addition to invited talks given by experts in the field, open paper discussions, poster and video presentations will be highly encouraged.

Looking forward to welcoming you in Mainz!

Sincerely Yours,

Prof. Hauke Lang | Dr. Jens Mittler  
*Local organizing team*

Peter R. Galle | Jens Marquardt | Guido Torzilli | Jean-Nicolas Vauthey | Norihiro Kokudo  
*Scientific committee*



## Wednesday, 08 November 2023

08:30 – 09:30      Registration & Welcome Coffee

09:30                **Welcome**  
H. Lang (Mainz, Germany)

09:35 – 10:00      **Session 1 – Special Lecture: Pathology of hepatobiliary malignancy**  
*Chair: W. Roth (Mainz, Germany)*

**Current advances in hepatopathology: morphomolecular classification of liver tumors**  
B. Straub (Mainz, Germany)

10:00 – 11:25      **Session 2 – what´s new in liver surgery**  
*Chair: C. Reißfelder (Mannheim, Germany); M. Massani (Treviso, Italy), H.T. Cao (Houston, USA)*

**Liver volume modulation**  
J.-N. Vauthey (Houston, USA)

**The concept of R1-vascular-resection in surgery for HCC, ICC and CRLM**  
G. Torzilli (Milano, Italy)

**The CUSA Clarity Soft Tissue Removal Study: Clinical Performance Investigation of the CUSA® Clarity Ultrasonic Surgical Aspirator System for Soft Tissue Removal during Liver Surgery**  
S. Gruttadauria (Palermo, Italy)

**Impact of 3D visualization and planning in open and laparoscopic liver surgery**  
G. Stavrou (Saarbrücken, Germany)

**Free paper: Intraoperative Ultrasound of the Liver: Immersive training in Reality**  
F. Huettl (Mainz, Germany)

**Free video: Demonstration of Two-Surgeon Technique and Air Cholangiogram for Right Hepatectomy**  
D.W. Nelson (Houston, USA)

11:30 - 12:40      **Session 3 – multimodal therapies of HCC**  
*Chair: P.R. Galle (Mainz, Germany), N. Kokudo (Tokyo, Japan), N.N.*

**Which systemic therapies for HCC are currently approved?**  
M. Reig (Barcelona, Spain)



## Wednesday, 08 November 2023

**Combined systemic / interventional approaches in the treatment of HCC**

R. Klöckner (Lübeck, Germany)

**Neoadjuvant/adjuvant treatment of HCC and liver resection / liver transplantation**

P.R. Galle (Mainz, Germany)

**Liver Resection after preoperative treatment of HCC**

K. Hasegawa (Tokyo, Japan)

**Free paper: AI-derived body composition parameters as prognostic factors in patients with HCC undergoing TACE: Results from a multicenter study**

L. Müller (Mainz, Germany)

12:40 – 14:00

Lunch break

13:15 – 14:00

**Parallel poster sessions I**

14:00 – 15:05

**Session 4 - minimally invasive surgery for HCC**

*Chair: Y. Kawaguchi (Tokyo, Japan), N.N.*

**Use of ICG in hepatobiliary surgery**

G.L. Grazi (Firenze, Italy)

**Technique of anatomic liver resection in the difficult segments**

G. Honda (Tokyo, Japan)

**Video: current approaches in laparoscopic and robotic liver resection**

M. Schmelzle (Hannover, Germany)

**Video: Laparoscopic anatomic resection of segment 5-8 with cranio-caudal approach**

F. Giuliani (Rome, Italy)

**Free video: Anatomic Seg3-4a laparoscopic bisegmentectomy with left hepatic vein resection for hepatocellular carcinoma**

R. Lo Tesoriere (Torino, Italy)

15:05 - 15:25

**Session 5 - Special lecture**

*Chair: P.R. Galle (Mainz, Germany)*

**Patterns of progression of HCC- implication for treatment?**

M. Reig (Barcelona, Spain)



## Wednesday, 08 November 2023

15:25 – 16:15

### Session 6 – HCC and BCLC – current controversies

*Chair: K. Hasegawa (Tokyo, Japan), M. Reig (Barcelona, Spain), J. Ricke (Munich, Germany)*

#### Resection in multifocal HCC

Pro: Y. Kawaguchi (Tokyo, Japan)

Con: J. Ricke (Munich, Germany)

#### Resection in macrovascular invasion

Pro: M. Donadon (Novara, Italy)

Con: A. Weinmann (Mainz, Germany)

**Free paper: Preoperative prediction of posthepatectomy liver failure for hepatocellular carcinoma on CTscan by artificial-intelligence and radiomics analyses**

S. Famularo (Rome, Italy)

16:15 – 16:45

Coffee break

16:45 – 17:15

### Session 7 - In memoriam C.E. Broelsch

*Chair: E. Nagel (Bayreuth, Germany)*

#### Life and work of Christoph E. Broelsch

H. Lang (Mainz, Germany)

#### Laudatio for LDLTx

D. Bröring / M. Malago (Riyadh, Saudi Arabia)

#### International recognition of C.E. Broelsch

E. de Santibañes (Buenos Aires, Argentina)

17:15 – 18:25

### Session 8 - Transplant Oncology dedicated to C.E. Broelsch

*Chair: R. Adam (Paris, France), D. Sousa (Porto, Portugal), W.O. Bechstein (Frankfurt, Germany)*

#### Laparoscopic assisted LTx

S. Dokmak (Paris, France)

#### LTx for CRLM

U. Settmacher (Jena, Germany)

#### LTx for cholangiocarcinoma

S. Nadalin (Tübingen, Germany)

#### Liver transplantation for HCC

V. Mazzaferro (Milano, Italy)



18:30 – 18:45 **Welcome Adresses**

18:45 **Get-together**

## Thursday, 09 November 2023

07:15 – 08:00 **Parallel Sessions | Meet the expert session**

**Molecular profiling, targeted therapy and immunotherapy – what do I need to know?**

M. Möhler (Mainz, Germany), J. Marquardt (Lübeck, Germany)

**Role of tumor downstaging in transplantation of HCC**

V. Mazzaferro (Milano, Italy), J. Davide (Porto, Portugal)

**Resection strategies in CRLM**

G. Torzilli (Milano, Italy), F. Giuliani (Rome, Italy)

**Evolution of Robotic Liver Surgery**

H. T. Cao (Houston, USA), R. Croner (Magdeburg, Germany)

**Keys to safe hepatectomy**

E. de Santibaes (Buenos Aires, Argentina), A. Ferrero (Turino, Italy)

08:00 – 08:15 **Coffee break**

08:15 – 09:00 **Sponsored Session (SIRTEX) - SIRT in the treatment of liver tumors**

09:05 – 09:45 **Session 9 - Interventional treatment of liver tumors lecture**

*Chair: R. Klöckner (Lübeck, Germany), G. Torzilli (Milano, Italy), N.N.*

**Stereotactic ablation as first line therapy of primary and secondary liver tumors?**

R. Bale (Innsbruck, Austria)

**Stereotactic Body Radiation Therapy**

H. Schmidberger (Mainz, Germany)

09:45 – 10:15 **Coffee break**



## Thursday, 09 November 2023

10:15 – 11:45

### Session 10 – treatment of iCCA

*Chair: A. Guglielmi (Verona, Italy), A. Coker (Izmir, Turkey), M. Möhler (Mainz, Germany)*

#### First-line therapies and molecular targeted therapy for iCCA

J. Marquardt (Lübeck, Germany)

#### Intra-arterial chemotherapy, pump therapy of unresectable iCCA

R. de Wilde (Amsterdam, The Netherlands)

#### Liver resection for iCCA – where is the limit?

J. Pratschke (Berlin, Germany)

#### Surgery for iCCA –future perspectives

H.T. Cao (Houston, USA)

#### Minimally invasive approach to iCCA

A. Ruzzenente (Verona, Italy)

#### Case presentation

M. Massani (Treviso, Italy)

#### Free paper: Vascular resection for intrahepatic cholangiocarcinoma – is it reasonable?

L.K. Gröger (Mainz, Germany)

12:00 – 13:00

### Industry Symposium (Astra Zeneca)

Past, present and future: HCC from different perspectives

13:00 – 14:15

Lunch break

13:30 – 14:15

### Parallel poster sessions



## Thursday, 09 November 2023

14:15 – 15:10

### Session 11 - What's new in resection of CRLM?

*Chair: R. Adam (Paris, France), M. Möhler (Mainz, Germany); G. Torzilli (Milano, Italy)*

#### The concept of parenchyma sparing resection

E. Dulundu (Istanbul, Turkey)

#### Molecular profiling as a therapeutic stratifier in CRLM – ready for clinical use?

Y. Kawaguchi (Tokyo, Japan)

#### Liquid biopsy and ctDNA – where do we stand?

T.E. Newhook (Houston, USA)

#### Free paper: TP53 Alteration and its Effect on Pathologic Response are Associated with Survival After Resection of Colorectal Liver Metastases

A. Haddad (Houston, USA)

15:10 – 15:30

### Session 12 – Special Lecture

*Chair: J.N. Vauthey (Houston, USA)*

#### Cytoreductive surgery for CRLM – is it worthwhile?

R. Adam (Paris, France)

15:30 – 16:30

### Session 13 – Free video session/free paper session/my most difficult case

*Chair: S. Dokmak (Paris, France), D. Sousa (Porto, Portugal), E. Hoti (Dublin, Ireland)*

#### Case report: right hepatectomy without left portal vein

S.A. Lang (Essen, Germany)

#### Free video: Robot liver resection: reduced port approach and double bipolar clamp crushing method with video of anatomic segment 7 resection

Y. Sawa (Tokyo, Japan)

#### Free video: Laparoscopic hepatic resection with iatrogenic vascular injury

N. Tenreiro (Vila Real, Portugal)

#### Free video: Robotic mesohepatectomy for metastatic breast cancer of the liver

E. Birgin (Mannheim, Germany)





## Thursday, 09 November 2023

**Case: Full robotic ALPPS in a 43y old female patient with liver adenomatosis**  
B. Struecker (Münster, Germany)

16:30 – 17:00

Coffee break

17:00 – 18:00

### Session 14 – What's new in CRLM?

*Chair: T. E. Newhook (Houston, USA), S. Fichtner-Feigl (Freiburg, Germany)*

**Minimally invasive resection of CRLM – Status quo**  
B. von Gohren Edwin (Oslo, Norway)

**Video: Ante-Situm Resection for CRLM**  
E. de Santibañes (Buenos Aires, Argentina)

**Video: Laparoscopic tunnel operation for CRLM**  
A. Ferrero (Torino, Italy)

**Free video: Laparoscopic anatomical small area-hepatectomy, so-called the cone units-resection**  
Y. Kawamoto (Tokyo, Japan)

**Free paper: Resection of major vessels in surgery for CRLM**  
J. Baumgart (Mainz, Germany)

**Free paper: R1-vascular margin for liver colorectal cancer metastases: investigating the relationship between surgical margin, local risk of recurrence and OS**  
S. Famularo (Rom, Italy)

18:10 – 18:30

### Session 15 – special lecture

*Chair: J.N. Vauthey (Houston, USA)*

**Which innovation in liver surgery represented a progress?**  
J. Belghiti (Paris, France)

19:30

### Congress Evening

*Tickets are available and subject to charge*



## Friday, 10 November 2023

07:15 – 08:00

### Parallel Sessions | Meet the expert session

#### Laparoscopic Liver Surgery - tips and tricks

G. Honda (Tokyo, Japan), Y. Kawaguchi (Tokyo, Japan)

#### Vascular resection and reconstruction in liver surgery – how I do it

S. Dokmak (Paris, France), T. Becker (Kiel, Germany)

#### SIRT as bridging to surgery

D. Balci (Istanbul, Turkey), S. Nadalin (Tübingen, Germany)

#### Tips and tricks in surgery of PHC

A. Guglielmi (Verona, Italy), H. Petrowsky (Zurich, Switzerland)

#### When do I use molecular profiling and ctDNA in CRLM?

J.-N. Vauthey (Houston, USA) and T. Newhook (Houston, USA)

08:00 – 08:15

Coffee break

08:15 – 08:35

### Session 16 – special lecture

Chair: N.N.

#### Surgery for mesenchymal liver tumors

G.C. Sotiropoulos (Athens, Greece)

08:40 – 09:55

### Session 17 – perihilar cholangiocarcinoma I

Chair: U. Neumann (Essen, Germany); Y. Abe (Tokyo, Japan), C.-W. D Tzeng (Houston, USA)

#### Pathophysiology of the entero-hepatic circuit and the role of biliary decompression

S. Olde-Damink (Maastricht, The Netherlands)

#### 25 years of surgery for PHC – lessons learnt

M. Abdel-Wahab (Cairo, Egypt)

#### Left-sided versus right-sided Resection for PHC

C.-W. D Tzeng (Houston, USA)

#### Is there a place for parenchyma-sparing resections in PHC?

K.J. Oldhafer (Hamburg, Germany)

#### ALPPS for PHC

D. Balci (Istanbul, Turkey)

10:00 – 10:30

Coffee break



## Friday, 10 November 2023

10:30 – 11:30 **Sponsored session Medtronic: XR support for personalized Liver surgery – The Future is now**

11:30 – 12:00 **Session 18 – Special Lecture**  
*Chair: J. Davide (Porto, Portugal)*

**Ex vivo perfusion of liver and converting liver transplantation to elective surgery**  
P.A. Clavien (Zurich, Switzerland)

12:00 – 13:00 **Lunch break**

13:00 – 14:30 **Session 19 – perihilar cholangiocarcinoma II/ Masterclass-Video**  
*Chair: A. Serrablo (Zaragoza, Spain), H. Petrowski (Zürich, Switzerland), T. Becker (Kiel, Germany)*

**How to approach Klatskin Typ IV and contralateral vascular involvement**  
H. Lang (Mainz, Germany)

**Minimal-invasive approach to PHC**  
L. Aldrighetti (Milano, Italy)

**Video: Left trisectionectomy for hilar cholangiocarcinoma**  
Y. Abe (Tokyo, Japan)

**Video: Resection of PHC with vascular reconstruction**  
U. Neumann (Essen, Germany)

**Video: H125678-B-PV combined with REX shunt for locally advanced hilar cholangiocarcinoma**  
Y. Abe (Tokyo, Japan)

**Video: Robotic resection of PHC**  
S. Fichtner-Feigl (Freiburg, Germany)

**Free paper: Portal and hepatic vein embolization in perihilar cholangiocarcinoma – insights from the DRAGON and EuroLVD Registries**  
J. Smits (Maastricht, The Netherlands)

**Free paper: Three-Dimensional Modelling Algorithm to Estimate the Longitudinal Tumor Extension and Margins of Surgery for Perihilar Cholangiocarcinoma**  
L. Alaimo (Verona, Italy)

14:30

**Closing / Farewell**



## Symposia

### Thursday, 09 November 2023

08:15 – 09:00

#### **Sponsored Session (SIRTEX) - SIRT in the treatment of liver tumors**

*Chair: J. Ricke (Munich, Germany), C. Bruns (Cologne, Germany)*

##### **Introduction**

J. Ricke (Munich, Germany)

##### **„Evidence of SIRT“ as bridge to LTx, Hypertrophyinduction, downstaging, ESSURE cases**

C. Bruns (Cologne, Germany)

##### **Bridge to LTx, downstaging, Leipzig cases, case discussion**

D. Seehofer (Leipzig, Germany)

##### **Discussion, Q & A**

J. Ricke (Munich, Germany)

12:00 – 13:00

#### **Industry Symposium (Astra Zeneca)**

##### **Past, present and future: HCC from different perspectives**

*Chair: J. Marquardt (Lübeck, Germany), H. Lang (Mainz, Germany)*

##### **Welcome & Introduction of liver board**

H. Lang (Mainz, Germany) and J. Marquardt (Lübeck, Germany)

##### **Hit hard & early? Adjuvant strategies for early HCC from surgical point of view**

J. Mittler (Mainz, Germany)

##### **Time for new concepts? Changes & Challenges of interventional radiology in locoregional HCC**

J. Ricke (Munich, Germany)

##### **Many teams, (too) many options for treatment of advanced HCC**

P.R. Galle (Mainz, Germany)

##### **Discussion, Q & A**



## Symposia

Friday, 10 November 2023

10:30 – 11:30

**Sponsored session Medtronic: XR support for personalized Liver surgery  
– The Future is now**

*Chair: D. Weyhe (Oldenburg, Germany), S. Pelzl (Hamburg, Germany),  
H. Lang (Mainz, Germany)*

**Cloud based solutions and MDR regulations for medical mixed reality**  
S. Pelzl (Hamburg, Germany)

**Technical aspects and evidence for AR-Solutions in Liver Surgery**  
D. Weyhe (Oldenburg, Germany)

**Virtual reality and 3D-printing in liver surgery – nice to have or actual  
supporting tools**  
T. Huber (Mainz, Germany)

**Discussion, Q & A**



## Sponsors & Exhibitors

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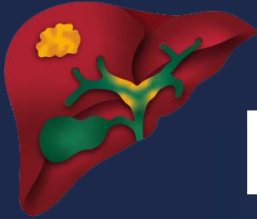
### Transparency

We wish to inform you about the financial assistance of the participating companies according to their membership in FSA e.V. (Association for Voluntary Self-Control of the Pharmaceutical Industry), AKG e.V. (Association for Medicinal Products and Cooperation in the Health Sector) or because the companies have approved the publication.

Regardless of the above-mentioned memberships, the conditions and scope of financial assistance of all companies as well as specialist publishers who support the event will be published, if this is stipulated by the professional codes of the respective regional medical associations.

Moreover, this complies with the recommendations of the Federal Medical Association (*Bundesärztekammer*) on continuing medical education, 4<sup>th</sup> revised edition, last updated: 24 April 2015, p.11 et seq., section 32 para. (3) of the (Model) Professional Code for Physicians in Germany (*(Muster-)Berufsordnung für die in Deutschland tätigen Ärztinnen und Ärzte – MBO*), section 8 para. (1) no. 3 of the (Model) Continuing Medical Education Code (*(Musterfortbildungsordnung – MFO)*).

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# EWALT | 2023

Eastern and Western Association  
of Liver Tumors (EWALT)

**JOIN THE EWALT 2023 IN MAINZ, GERMANY**  
**November 8 – 10, 2023**

## **A THREE DAYS PROGRAM WITH WORLD LEADERS IN LIVER TUMOR MANAGEMENT**

### **LOCAL ORGANIZING TEAM**

Hauke Lang, MA, FACS  
Jens Mittler  
University Medical Center Mainz

### **SCIENTIFIC COMMITTEE**

Peter R. Galle  
Jens Marquardt  
Guido Torzilli  
Jean-Nicolas Vauthey  
Jens Ricke  
Norihiro Kokudo

### **SCIENTIFIC FOCUS TOPICS**

- Multimodal therapy of HCC, iCCA, liver metastases
- Minimally invasive/robotic liver surgery
- Liver transplantation
- Locoregional treatment of liver lesions
- Immunotherapy

### **ONLINE REGISTRATION**

<https://ewalt2023.de/registration/>

### **GENERAL INFORMATION**

#### **Event type**

Onsite & Virtual Conference

#### **Participants**

Approx. 300-500 participants from countries all over the world.

#### **Target group**

Surgeons, internists,  
oncologists, radiologists

#### **Official Language**

English

#### **CME Credits**

The EWALT application is in process to the EACCME for CME credits.

#### **Agency/Conference Organizer:**

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