

18 October 2021

- 2:00 PM - 2:15 PM** **Welcome**
Chair: *M. Baumann (Heidelberg)*
 G. Nettekoven (Bonn)
 T. Seufferlein (Ulm)
- 2:15 PM - 2:30 PM** **German Prize for Cancer Prevention Research**
Chair: *M. Baumann (Heidelberg)*
- 2:30 PM - 3:35 PM** **Plenary Session: Cancer Prevention**
Chair: *K. Steindorf (Heidelberg)*
 M. Heikenwälder (Heidelberg)
- 2:30 PM Presentation 1 (awardee Prize for Cancer Prevention Research)
 2:45 PM Presentation 2 (awardee Prize for Cancer Prevention Research)
 3:00 PM Exercise is medicine - A spotlight on the kynurenine pathway
 P. Zimmer (Dortmund)
 3:15 PM Q&A
- 3:35 PM - 3:45 PM** **Coffee Break & move to breakout rooms**

There are 12 parallel workshops available:

- 3:45 PM - 5:00 PM** **Workshop: Molecular Prevention: From Preclinical Models to Translation**
Chair: *M. Heikenwälder (Heidelberg)*
 M. Hofmann (Freiburg)
- 3:45 PM - 5:00 PM** **Workshop: Data Driven Medicine**
Chair: *M. Börries (Freiburg)*
 C. von Kalle (Berlin)
- 3:45 PM - 5:00 PM** **Workshop: Cancer Immunotherapy**
Chair: *M. Hölzel (Bonn)*
 P. Beckhove (Regensburg)
- 3:45 PM - 5:00 PM** **Workshop: Epigenetic Medicine in Cancer**
Chair: *M. Lübbert (Freiburg)*
 C. Flotho (Freiburg)
- 3:45 PM - 5:00 PM** **Workshop: New Chemical Biology**
Chair: *E. Wolf (Würzburg)*
 M. Eilers (Würzburg)
- 3:45 PM - 5:00 PM** **Workshop: Molecular Tumor Board**
Chair: *S. Lassmann (Freiburg)*
 N. Ortiz-Bruechle (Aachen)

Program

- 3:45 PM - 5:00 PM** **Workshop: Digital Pathology and AI**
Chair: *P. Boor (Aachen)*
 F. Klauschen (München)
- 3:45 PM - 5:00 PM** **Workshop: Theranostics and Tumor-Targeted Drug Delivery**
Chair: *T. Lammers*
 F. Mottaghy (Aachen)
- 3:45 PM - 5:00 PM** **Workshop: Aging & Cancer - Towards Understanding The Major Risk Factor For Cancer**
Chair: *M. Funk (Heidelberg)*
 M. Rodriguez-Paredes (Mainz)
- 3:45 PM - 5:00 PM** **Workshop: Patient-oriented Research on Cancer-associated Fatigue**
Chair: *K. Steindorf (Heidelberg)*
 M. Schmidt (Heidelberg)
- 3:45 PM - 5:00 PM** **Workshop: Interpretation of Sequencing Data for Personalized Medicine**
Chair: *L. Illert (Freiburg)*
 P. Horak (Heidelberg)
- 3:45 PM - 5:00 PM** **Workshop: Centers for Personalized Medicine (ZPM) - An Innovative Research Structure**
Chair: *J. Duyster (Freiburg)*
 N. Malek (Tübingen)
- 5:00 PM - 5:10 PM** **Coffee Break**
- 5:10 PM - 6:20 PM** **Plenary Session: Basic Cancer Research**
Chair: *R. Knüchel-Clarke (Aachen)*
 C. Falk (Hannover)
- 5:10 PM Prospective interrogation of genetic interactions driving in vivo cancer evolution
R. Rad (München)
- 5:25 PM The L-amino acid oxidase IL4I1 is a metabolic immune checkpoint that promotes tumor progression
C. Opitz (Heidelberg)
- 5:40 PM Differential impact of checkpoint therapies on T-cell exhaustion
B. Bengsch (Freiburg)
- 5:55 PM Q&A
- 6:15 PM Wrap up

19 October 2021

9:00 AM - 10:10 AM Plenary Session: Preclinical Cancer Research

Chair: *M. Eilers (Würzburg)*

M. Börries (Freiburg)

09:00 AM Welcome back

09:05 AM Targeting metabolic immune checkpoints to overcome therapy resistance in experimental brain metastasis
L. Sevenich (Frankfurt)

09:20 AM Translational research to cure leukemia patients undergoing allogeneic hematopoietic cell transplantation
R. Zeiser (Freiburg)

09:35 AM Novel CAR T-constructs for the treatment of multiple myeloma and B-cell Non-Hodgkin's lymphoma
U. Höpken (Berlin)

09:50 AM Q&A

10:10 AM - 10:15 AM Coffee Break & move to breakout rooms

There are 4 parallel poster sessions available:

10:15 AM - 11:15 AM Poster Session: Cancer Prevention

10:15 AM - 11:15 AM Poster Session: Basic Cancer Research

10:15 AM - 11:15 AM Poster Session: Preclinical Cancer Research

10:15 AM - 11:15 AM Poster Session: Early Clinical Cancer Research

11:15 AM - 11:20 AM Coffee Break

11:20 AM - 12:25 PM Plenary Session: Early Clinical Cancer Research

Chair: *A. Eggert (Berlin)*

F. Wenz (Freiburg)

11:20 AM CAR T-cells - Development and translation
C. Rössig (Münster)

11:35 AM Pathomechanistic imaging of tumors
F. Kiessling (Aachen)

11:50 AM Integration of molecular tailored treatment options in stratified tumors
L. Illert (Freiburg)

12:05 AM Q&A

12:25 PM - 12:30 PM Closing Remarks

Chair: *M. Baumann (Heidelberg)*