18. international charles heidelberger symposium on cancer research

translational cancer research: from bench to bedside

ulm 2012
june 28-30
preliminary program

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www.ch-symposium2012.de
Dear Colleagues,

It is my great pleasure to invite you to participate in the 18th International Charles Heidelberger Symposium on Cancer Research (ICHSCR18), which is going to be held in Ulm, Germany, from June 28 to 30, 2012.

The Charles Heidelberger Symposia are broad cancer research meetings meanwhile organized annually to honour Charles Heidelberger, former president of the American Association for Cancer Research, member of the National Academy of Science of the U.S.A., and an extraordinary scientist in all fields of carcinogenesis and cancer chemotherapy. Professor Heidelberger invented 5-fluouracil (5-FU), a drug basic for chemotherapy of solid malignancies.

The 18th Symposium is going to bring together scientists from around the world to present their achievements and discuss the most recent advances in cancer research, from basic research to clinical application. Special focus of the 18th International Charles Heidelberger Symposium is going to be translational cancer research how to transform experimental results from bench to bedside.

Ulm situated by the Danube is the city with the Ulmer Muenster with the world's highest church spire. Ulm is the birth place of Albert Einstein whose theory of relativity revolutionised the world of physical science. The participants will have the opportunity to visit some of its most famous sites such as the Ulmer Muenster, the Fishermen's and Tanner's Quarter and the beautiful old town hall.

I am looking forward to welcome you in Ulm in June of 2012!

President of the 18th Charles Heidelberger Symposium:

Marko Kornmann, MD
Department of General, Visceral, and Transplantation Surgery
University of Ulm, Germany

International Advisory Committee and Local Organizing Committee

Doris Henne-Bruns, MD, PhD
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Robert Langenbach, MD, PhD
Laboratory of Toxicology and Pharmacology, NIH
North Carolina, USA
Scientific program

Thursday, June 28th 2012

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Friday June 29th 2012

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"Meet the Professor"
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Samstag, 30. Juni 2012 (13.00-14.30 h)
- nur in Deutscher Sprache -

Poster Presentations:
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Opening Ceremony
Marko Kornmann, GER, Joseph Landolph, USA
Doris Henne-Bruns, GER, Thomas Wirth, GER (invited)

Opening Lecture
Eliezer Huberman, USA
Joseph Landolph, USA

Session 1:
Cancer Ethiology and Epidemiology
Chairmen: Eliezer Huberman, USA / Doris Henne-Bruns, GER

- Gene variants and lung cancer risk
  Aage Haugen, Norway

- Epidemiology of cancers of the esophagus and stomach in China
  Xiaonong Zou, China

- Nickel carcinogenesis:
  Disruption of the control of the network of gene expression
  Joseph R. Landolph, USA

09.00-09.25 h
09.25-09.50 h
09.50-10.15 h

Coffee break: 10.15-10.45 h

Session 2:
Molecular Carcinogenesis I
Chairmen: Toshio Kuroki, Japan / Michael Kühl, GER

- Known and novel DNA modifications; role in carcinogenesis
  Arne Klungland, Norway

- Beta-arrestin1 and Beta-arrestin2 play different roles in mouse skin tumor formation
  Robert Langenbach, USA

- Mucin expression in human neoplasms:
  The application to clinical diagnosis
  Suguru Yonezawa, Japan

10.45-11.10 h
11.10-11.35 h
11.35-12.00 h
Key-Note Lecture
Chairmen: Marko Kornmann, GER
MicroRNA, Senescence and p53 in human cancer
Curtis Harris, USA

Session 3: Molecular Carcinogenesis II
Chairmen: Max Bachem, GER / Rainer Engers, GER
Common fragile sites as departure points for genomic instability
Manfred Schwab, GER
Involvement of a cell adhesion molecule CADM1 in oncogenesis
Yoshinori Murakami, Japan
The role of N-Myc down stream regulated gene as a tumor suppressor
Libo Yao, China

Session 4: Molecular Carcinogenesis III
Chairmen: Joseph Landolph, USA / Ludger Staib, GER
Critical steps in breast carcinogenesis induced by environmental substances
Gloria M. Calaf, Chile
Thai Herbal Medicine, Brahmi, as anti-carcinogenesis
Sukkid Yastrothornsrikul, Thailand
The role of ceramides in colon cancer
Sabine Grösch, GER

Poster Presentation Part I

Date: June 28th, 2012
Session 5: Development of New Treatment Approaches I
Chairmen: Wei Li, USA / Götz von Wichert, GER

The CK1 family: Role in tumorigenesis and its potential as new drug target
Uwe Knippschild, GER

Renin-angiotensin system (RAS) as new molecular therapeutic targets in prostate cancer
Yoshinobu Kubota, Japan

Development of drugs to control infections by hepatitis C virus, a causative agent of liver tumors
Eliezer Huberman, USA

09.00-09.25 h
09.25-09.50 h
09.50-10.15 h

Coffee break: 10.15-10.45 h

Session 6: Development of New Treatment Approaches II
Chairmen: Abraham Czerniak, Israel / Wolfgang Dippold, GER

Novel approaches for targeted diagnostics and therapy of cancers with elevated PI3K signalling
Geir Bjorkoy, Norway

Cellular reprogramming and cancer
Yasuhiro Yamada, Japan

A common protein drug target for treatment of wound healing and tumor
Wei Li, USA

Protein N-terminal acetylation: A new role in cancer and disease for an old phenomenon
Johan Lillehaug, Norway

10.45-11.10 h
11.10-11.35 h
11.35-12.00 h
12.00-12.25 h

Short lunch break: 12.30-13.00 h

Key-Note Lecture
Chairmen: Karl-H. Link, GER

TRAIL: From bench to bedside - and back again
Holger Kalthoff, GER

13.00-13.45 h

key note lecture
Session 7: Cancer Treatment
Chair: Robert Langenbach, USA / K. Scharffetter-Kochanek, GER (invited)

A personalized approach to breast cancer: The relevance of Tamoxifen - CYP2D6 pharmacogenetics
Hiltrud Brauch, GER

New therapeutic approaches for adult T cell leukemia
Naomichi Arima, Japan

Type VII collagen therapy for skin wounds and genetics dystrophic epidermolysis bullosa
Mei Chen, USA

New therapeutic approaches in neuroendocrine tumors (NET)
Götz von Wichert, GER

Session 8: Short Oral Presentations of Best Posters
Chairmen: Zhen-Ling Ji, China / Gloria Calaf, Chile

NN to be nominated

14.00-14.25 h

NN to be nominated

14.25-14.50 h

NN to be nominated

14.50-15.15 h

Coffee break: 15.45-16.15 h

15.15-15.40 h

Workshop: Basic Cancer Research and Cancer Therapy Bridging the Gap
Opinion of the clinicians: What is needed from the basic scientist
Opinion of the basic scientist: Problems in transfer to bedside

16.30-17.00 h

2 short oral statements with panel discussion

17.00-17.30 h

Poster Presentation Part II
Session 9: Cancer Treatment and Clinical Trials I

Chairmen: Achim Schneider, GER / Takeo Mori, Japan

Surgical oncology and translational research: Ideas, laboratory task, clinical results and merits
Karl-Heinrich Link, GER

Plasma amino acid profile as a novel diagnostic marker for prostate cancer: Multicenter study
Takeshi Miura, Japan

Neoadjuvant treatment in rectal cancer: benefits and limits
Ludger Staib, GER

Session 10: Cancer Treatment and Clinical Trials II

Chairmen: Brigitte Vollmar, GER / Johan Lillehaug, Norway

Molecular therapeutic targets for gastrointestinal cancer: Fibroblast growth factor receptor 2
Toshiyuki Ishiwata, Japan

Genomic analysis and impact on the management of GIST
Klaus Kramer, GER

New developments in the management of the therapy of renal cell carcinoma
Hitoshi Ishiguro, Japan (invited)

Charles Heidelberger Awards
best oral presentation
best poster presentation

Closing Remarks
Joseph Landolph USA, Eliezer Huberman USA
Marko Kornmann GER, Karl-H.Link GER, Ludger Staib GER

Short lunch break: 12.30-13.00 h
Öffentlichkeitsforum Krebsprävention

Kurzvorträge und Diskussion zu den Themen Krebs und Vorbeugung: Ernährung, Sport und Körpergewicht - nur in Deutscher Sprache -

Vorsitzender:
Prof. Dr. med. Marko Kornmann Ulm
Prof. Dr. med. Ludger Staib, Esslingen
PD Dr. med. Dirk Bottke, Ulm

13.00-13.20 h
Wie entsteht Krebs: Der Weg von einer Zelle zur Geschwulst
Prof. Dr. med. Marko Kornmann, Ulm

13.20-13.40 h
Krebs und Vorbeugung: Einfluss von Sport/Bewegung
Prof. Dr. med. Jürgen Steinacker, Ulm

13.40-14.00 h
Einfuss des Körpergewichts auf die Krebsentstehung
PD Dr. med. Anna Maria Wolf, Dr. med. Andreas Hillenbrand, Ulm

14.00-14.20 h
"Wein und Gesundheit"
Prof. Dr. med. Ludger Staib, Esslingen

Präsentation der Selbsthilfegruppen mit Informationsmaterial

in Kooperation mit

DARMZENTRUM
ULM
im CCCU

Integratives Tumorzentrum des Universitätsklinikums und der Medizinischen Fakultät

Comprehensive Cancer Center Ulm
Naomichi Arima  
1st. Dept. of Internal Medicine, Kagoshima University, Japan

Max Bachem  
Instiut für Klinische Chemie, Universitätsklinikum Ulm, GER

Geir Bjorkoy  
Sor-Trondelag University College, University of Tromso, Trondheim, Norway

Dirk Bottke  
Klinik für Strahlentherapie und Radioonkologie, Universitätsklinikum Ulm, GER

Hiltrud Brauch  
Institute of Clinical Pharmacology, IKP, Stuttgart, GER

Gloria Calaf  
Universidad de Tarapaca, Arica, Chile

Mei Chen  
Dept. of Dermatology Research, Keck School of Medicine, USC, Los Angeles, USA

Abraham Czerniak  
Chaim Sheba Medical Center, Tel Hashomer, Israel

Wolfgang Dippold  
Medizinische Klinik I, St. Vincenz & Elisabeth Krankenhaus, Mainz, GER

Rainer Engers  
Institut für Pathologie, Universitätsklinikum Düsseldorf, GER

Sabine Grösch  
Institut für Klinische Pharmakologie, Universität Frankfurt, GER

Curtis C. Harris  
Lab. of Human Carcinogenesis, NCI, Bethesda, USA

Aage Haugen  
Sec. of Toxicology, NI of Occupational Health, Oslo, Norway

Eliezer Huberman  
NovaDrug, University of Illinois, Chicago, USA

Doris Henne-Bruns  
Dept. of Surgery I, University hospital of Ulm, GER

Hitoshi Ishiguro (invited)  
Yokohama City University School of Medicine, Yokohama, Japan

Toshiyuki Ishiwata  
Department of Pathology, Nippon Medical School, Tokyo Japan

Zheng-Ling Ji  
Institute for Minimally Invasive Surgery- Zhongda Hospital, Nanjing, China

Holger Kalthoff  
Inst. for Experimental Cancer Research, Div. Molecular Oncology, University Kiel
Invited Speakers and Chairmen
up to January 2012

Arne Klungland
Institute of Medical Microbiology, Rikshospitalet, Oslo, Norway

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Department of Surgery, University of Ulm, GER

Marko Kornmann
Department of Surgery I, University Hospital of Ulm, GER

Klaus Kramer
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Yoshinobu Kubota
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Michael Kühl
Institut für Biochemie und Molekulare Biologie, Universität, GER

Toshio Kuroki
Research Center for Science, University of Tokyo, Japan

Joseph Landolph
Cancer Research Laboratory, USC Cancer Center, Los Angeles USA

Robert Langenbach
Laboratory of Toxicology and Pharmacology, NIH, NC, USA

Wei Li
Department of Dermatology and USC-NCCC, Los Angeles USA

Johan R. Lillehaug
Dept. of Molecular Biology, University of Bergen, Norway

Karl-Heinrich Link
Center of Surgery, Asklepios Paulinen Klinik Wiesbaden, GER

Takeshi Miura
Dept. of Urology, Yokohama City University Hospital, Japan

Takeo Mori
Tokyo Metropolitan Komagome Hospital, Tokyo, Japan

Yoshinori Murakami
Div. of Mol. Pathology, Inst. of Medical Science, Univ. of Tokyo, Japan

Karin Scharffetter-Kochanek
Dept. of Dermatology, University Hospital of Ulm, GER

Achim Schneider
Frauenklinik der Charite, Universitätsmedizin Berlin, GER

Manfred Schwab
German Cancer Research Center DKFZ, Heidelberg, GER

Jürgen Steinacker
Sec. Sport- & Rehabilitationsmedizin, Universitätsklinikum Ulm, GER
Invited Speakers and Chairmen
up to January 2012

Ludger Staib
Dept. of Surgery, Kliniken Esslingen, GER

Brigitte Vollmar
Institut für Experimentelle Chirurgie, Universität Rostock, GER

Götz von Wichert
Klinik für Innere Medizin I, Universitätsklinikum Ulm, GER

Thomas Wirth (invited)
Dean Faculty of Medicine, Institute of Physiological Chemistry, University Hospital of Ulm, GER

Anna Maria Wolf
Dept. of General, Visceral, and Transplantation Surgery, University Hospital Ulm, GER

Yasuhiro Yamada
Center for iPS cell Research and Application, Kyoto University, Japan

Libo Yao
Dept. of Molecular Biology, 4th Military Medical University of Xi'an, China

Sukkid Yasothornsrikul
Biochemistry of Naresuan University, Phitsanulok, Thailand

Suguru Yonezawa
Dept. of Human Pathology, Field of Oncology, Kagoshima University, Japan

Xiaonong Zou
Dept. of Epidemiology, Chinese Academy of Medical Sciences Beijing, China
Charles Heidelberger Abstract Award 2012

We are happy to inform you, that for the coming Charles Heidelberger Meeting an Abstract Award will be given. The award will be given to the best abstract. All abstracts will be reviewed by an expert committee, the best abstract will be chosen after the presentation (poster and short oral) at the symposium.

The award includes an official confirmation and a financial support of € 500,-- for the corresponding author/group.

How to submit an Abstract?

Abstracts can only be submitted by www.ch-symposium2012.de
Paper copies sent to the organization, or sent by e-mail will not be accepted. The procedure for sending an abstract is also outlined at www.ch-symposium2012.de

Abstract submission deadline is:
March 30th, 2012

All participants are invited to submit abstracts for poster presentation. An abstract review committee will undergo all abstracts and may chose special interesting abstracts for a short oral presentation (5 min).

Topic for abstracts:

Abstracts about the following categories will be considered for presentation:

- Basic cancer research
- Translational cancer research
- Clinical cancer research

Please find all information about abstract submission and the abstract specifications at www.ch-symposium2012.de
How to register for participation?

Registration fees

<table>
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<th>Early - before June 25th</th>
<th>Onsite</th>
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<tbody>
<tr>
<td>Regular Participant</td>
<td>200 EUR</td>
<td>250 EUR</td>
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<tr>
<td>Young Scientists*</td>
<td>150 EUR</td>
<td>200 EUR</td>
</tr>
<tr>
<td>Students (with Student-ID)**</td>
<td>25 EUR**</td>
<td>40 EUR**</td>
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</tbody>
</table>

Full payment in EUR must be received before the corresponding deadline June 25th. As the size of the symposium is planned not to exceed 200 participants, onsite registration will only be possible if the number of registrations has not reached that size.

* Up to 35 years old participants – young scientists. Participants applying for this reduced fee must submit a proof of their age or their young scientist status by emailing a copy of their ID, respectively, to miriam.schatz@emts-online.de

**Students with Student-ID have to pay reduced fee for registration like outlined above. For reduced fee, please mail a copy of your student ID to miriam.schatz@emts-online.de. After participation at the complete meeting, students will receive a confirmation about their participation and will be refunded with EUR 10.--.

The registration fee includes for all participants:
- Admission to all scientific sessions and poster area
- Lunches and coffee breaks according to the program
- A Symposium bag & materials (confirmation of participation, program, book of abstracts, ID badge)

The registration is only possible online by using the symposium's registration form on www.ch-symposium2012.de

Your online-registration will be confirmed by e-mail. In case you receive no online-confirmation, we kindly ask you to contact the organizing team by e-mail: miriam.schatz@emts-online.de

Your registration is accepted after receiving the full amount of your registration fee. Confirmation of payment will be sent by e-mail in due course.

PAYMENT METHODS are outlined at the registration on www.ch-symposium2012.de
Who will give you information?

Information about scientific program:

Prof. Dr. Marko Kornmann  
Department of General, Visceral, and Transplantation Surgery  
University Hospital of Ulm  
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e-mail: cornelia.unseld@uniklinik-ulm.de

Information about general organization  
(registration and participation):

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Secretary Prof. Dr. Kornmann  
Department of General Visceral, and Transplantation Surgery  
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Hotel Reservation:

We kindly ask you to find a big variety of hotels also b&b at www.tourismus.ulm.de  
The information are given in 9 different languages.

You also find a possibility for hotel reservation on www.ch-symposium2012.de
We are grateful for the encouragement of

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Abbott  ERBE  BioRegion Ulm
IHK Ulm
FOGT  ICRCC  Schenk Datentechnik
OKM  www.ManuelaCzeckler.de
The 18th Charles Heidelberger Meeting will take place at the Stadthaus Ulm. The Stadthaus, an international landmark of modern architecture in the centre of Ulm, it is a building that encourages encounters with art, culture and people.

At the foot of the famous cathedral, and forming both a contrast and a complement to this dominating late-Gothic building, the Stadthaus and the cathedral square were designed by the renowned American architect, Richard Meier. Winner of the prestigious Pritzker Prize, he received worldwide acclaim when the Getty Center opened in Los Angeles at the end of 1997.

The design of the Ulm cathedral square has been the subject of heated argument for 105 years. Finally, in 1986, Richard Meier’s design was chosen. This decision provoked discussion and led to meetings throughout the whole town, organised as well as spontaneous, private as well as public. In November 1993, the Stadthaus was opened.


To commemorate the beginning of the 3rd Millenium, the Vatican asked him to build a new church on the outskirts of Rome (Jubilee Church, 2003).

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