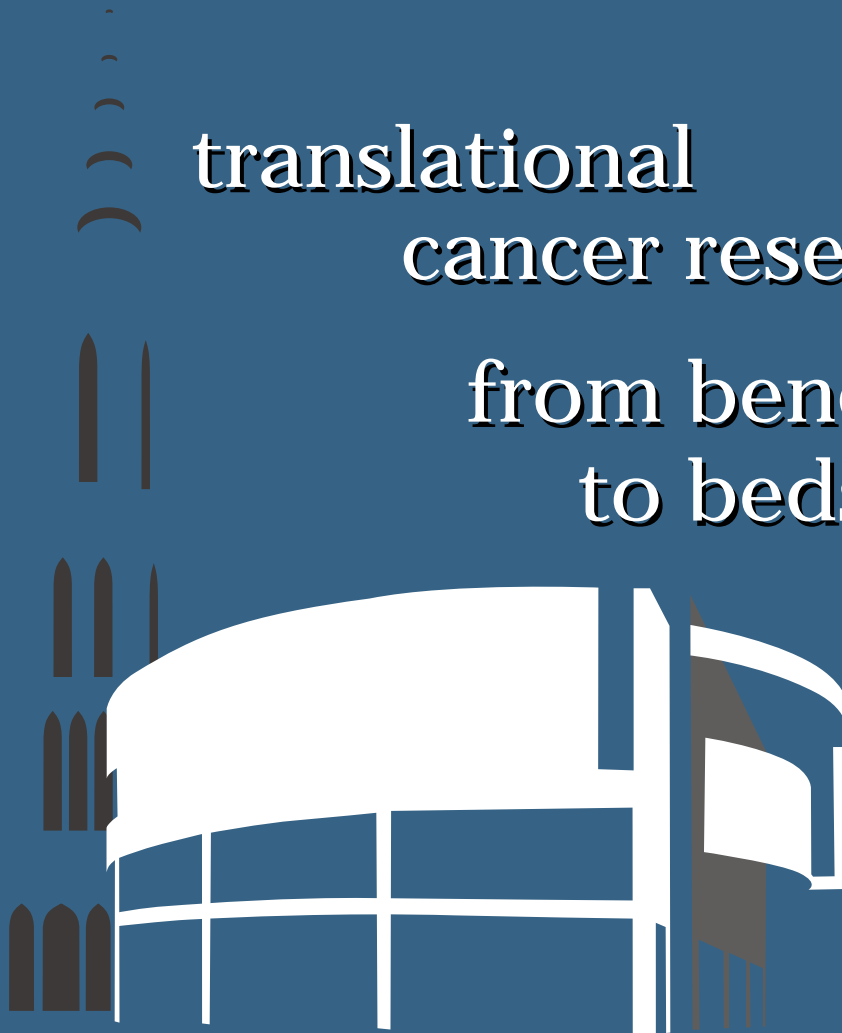


18. international charles heidelberger symposium on cancer research

translational
cancer research:
from bench
to bedside



ulm 2012
june 28-30
preliminary program

International Advisory Committee
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Joseph Landolph (USA)
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Wei Li (USA)
Toshio Kuroki (Japan)

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www.ch-symposium2012.de

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Marko Kornmann (Ulm, GER)
Local Organizing Committee
Doris Henne-Bruns (Ulm, GER)
Uwe Knippschild (Ulm, GER)
Karl-H. Link (Wiesbaden, GER)
Ludger Staib (Esslingen, GER)

Dear Collegues,

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-fluorouracil (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 physic. 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
Department of General, Visceral,
and Transplantation Surgery
University of Ulm, Germany

Wei Li, MD, PhD
Dept. of Dermatology
USC
Los Angeles, USA

Eliezer Huberman, PhD
School of Pharmacy, University of Illinois
Chicago, USA

Johan R. Lillehaug, MD, PhD
Department of Molecular Biology,
University Hopsital of Bergen
Norway

Uwe Knippschild, PhD
Department of General, Visceral,
and Transplantation Surgery
University of Ulm, Germany

Karl-H. Link, MD, PhD
Center of Surgery
Askelpios Paulinen Klinik
Wiesbaden, Germany

Joseph R. Landolph, Jr., PhD
Cancer Research Laboratory
USC/Norris Comprehensive Cancer Center
Los Angeles, USA

Ludger Staib, MD, PhD
Department of General
and Visceral Surgery
Klinikum Esslingen, Germany

Robert Langenbach, MD, PhD
Laboratory of Toxicology
and Pharmacology, NIH
North Carolina, USA

Welcome to
Ulm 2012



Scientific program

Thursday, June 28th 2012

Opening Ceremony (08.30 h)	page 3
Session 1: Cancer Etiology and Epidemiology (09.00 h)	page 3
Session 2: Molecular Carcinogenesis I (10.45 h)	page 3
Key note lecture: Curtis Harris (12.00 h)	page 4
Session 3: Molecular Carcinogenesis II (14.00 h)	page 4
Session 4: Molecular Carcinogenesis III (15.45 h)	page 4

Friday June 29th 2012

Session 5: Development of New Treatment Approaches I (09.00 h)	page 5
Session 6: Development of New Treatment Approaches II (10.45 h)	page 5
Key note lecture: Holger Kalthoff (13.00 h)	page 5
Session 7: Cancer Treatment (14.00 h)	page 6
Session 8: Short Oral Presentations (16.15 h)	page 6
Workshop: Basic Cancer Research and Cancer Therapy: Bridging the Gap (16.30 h)	page 6

Saturday, June 30th 2012

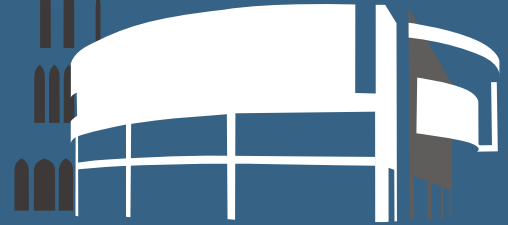
Session 9: Cancer Treatment and Clinical Trials (09.30 h)	page 7
Session 10: Cancer Treatment and Clinical Trials (10.45 h)	page 7
Charles Heidelberger Awards (12.00 h)	page 7
"Meet the Professor" Öffentlichkeitsforum Krebsprävention Samstag, 30. Juni 2012 (13.00-14.30 h) <i>- nur in Deutscher Sprache -</i>	page 8

Poster Presentations:

Part I on Thursday, June 28th (17.00-17.30 h)	page 4
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Preliminary Program

Date: June 28th, 2012



Opening Ceremony

*Marko Kornmann, GER, Joseph Landolph, USA
Doris Henne-Bruns, GER, Thomas Wirth, GER (invited)*

Opening Lecture
Eliezer Huberman, USA
Joseph Landolph, USA

08.30-09.00 h

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

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

Preliminary Program

Date: June 28th, 2012



Key-Note Lecture

Chairmen: Marko Kornmann, GER

MicroRNA, Senescence and p53 in human cancer
Curtis Harris, USA

12.00-13.00 h

key note lecture
medac

Lunch break:
13.00-14.00 h

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

14.00-14.25 h

14.25-14.50 h

14.50-15.15 h

Coffee break:
15.15-15.45 h

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

15.45-16.10 h

16.10-16.35 h

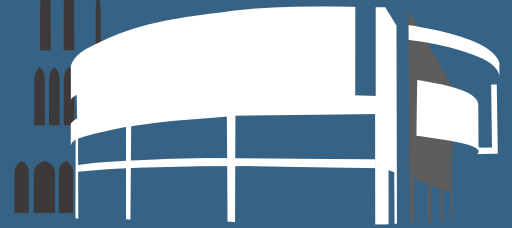
16.35-17.00 h

Poster Presentation Part I

17.00-17.30 h

Preliminary Program

Date: June 29th, 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

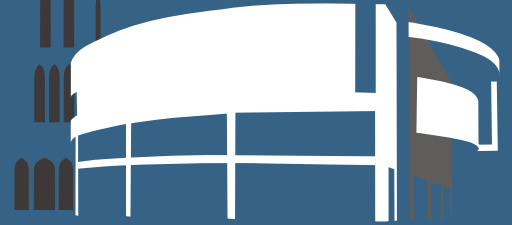
key note lecture

Johnson & Johnson

MEDICAL COMPANIES

Preliminary Program

Date: June 29th, 2012



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

14.00-14.25 h

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

14.25-14.50 h

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

14.50-15.15 h

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

15.15-15.40 h

Coffee break:
15.45-16.15 h

Session 8: Short Oral Presentations of Best Posters

Chairmen: Zhen-Ling Ji, China / Gloria Calaf, Chile

NN
to be nominated

16.15-16.20 h

NN
to be nominated

16.20-16.25 h

NN
to be nominated

16.25-16.30 h

Workshop: Basic Cancer Research and Cancer Therapy Bridging the Gap

16.30-17.00 h

2 short oral statements
with panel discussion

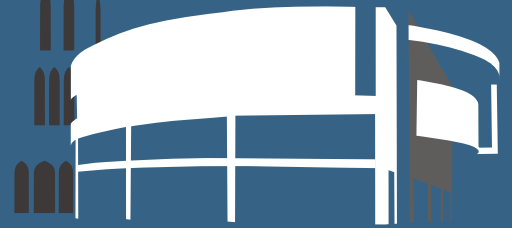
Opinion of the clinicians: What is needed from the basic scientist
Opinion of the basic scientist: Problems in transfer to bedside

Poster Presentation Part II

17.00-17.30 h

Preliminary Program

Date: June 30h, 2012



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

09.30-09.55 h

09.55-10.20 h

10.20-10.45 h

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)*

10.45-11.10 h

11.10-11.35 h

11.35-12.00 h

Charles Heidelberger Awards

best oral presentation
best poster presentation

12.00 h

Closing Remarks

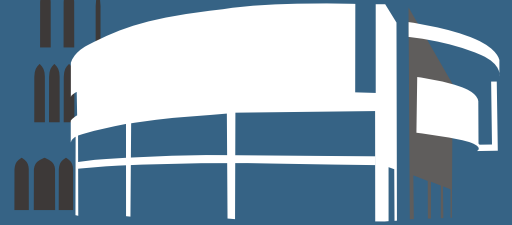
*Joseph Landolph USA, Eliezer Huberman USA
Marko Kornmann GER, Karl-H.Link GER, Ludger Staib GER*

12.15 h

Short lunch break:
12.30-13.00 h

Preliminary Program

Date: June 30h, 2012



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

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

13.00-13.20 h

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

13.20-13.40 h

Einfluss des Körpergewichts auf die Krebsentstehung
PD Dr. med. Anna Maria Wolf, Dr. med. Andreas Hillenbrand, Ulm

13.40-14.00 h

"Wein und Gesundheit"
Prof. Dr. med. Ludger Staib, Esslingen

14.00-14.20 h

*Präsentation der Selbsthilfegruppen
mit Informationsmaterial*

in Kooperation mit

DARMZENTRUM
ULM
im CCCU

Integratives Tumorzentrum des Universitätsklinikums
und der Medizinischen Fakultät

Comprehensive Cancer Center Ulm



Invited Speakers and Chairmen

up to January 2012



Naomichi Arima

1st. Dept. of Internal Medicine, Kagoshima University, Japan

Max Bachem

Institut für Klinische Chemie, Universitätsklinikum Ulm, GER

Geir Bjorkoy

Sor-Trondelag University College, University of Tromsø, 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, Universityhospital 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

Uwe Knippschild

Department of Surgery, University of Ulm, GER

Marko Kornmann

Department of Surgery I, Universityhospital of Ulm, GER

Klaus Kramer

Department of Surgery I, Universityhospital of Ulm, GER

Yoshinobu Kubota

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

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, Universityhospital 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, Universityhospital 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

Abstract Submission

Charles Heidelberger Abstract Award

Abstract Submission Deadline: March 30th, 2012



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:

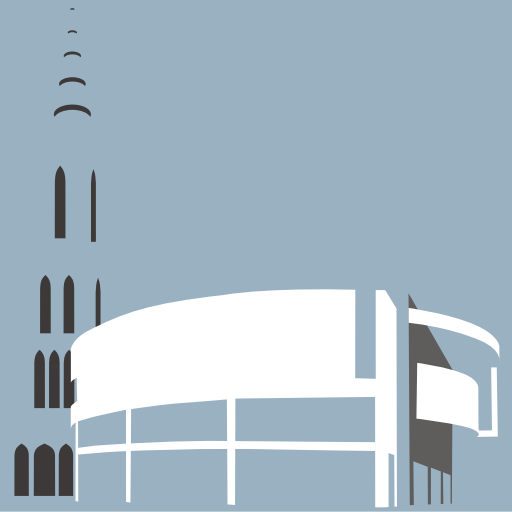
Abstracts about the following categories will be considered for presentation:

- 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

Information on Registration

Early registration up to June 25th, 2012!



How to register for participation?

Registration fees

	Early - before June 25th	Onsite
Regular Participant	200 EUR	250 EUR
Young Scientists*	150 EUR	200 EUR
Students (with Student-ID)**	25 EUR**	40 EUR**

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

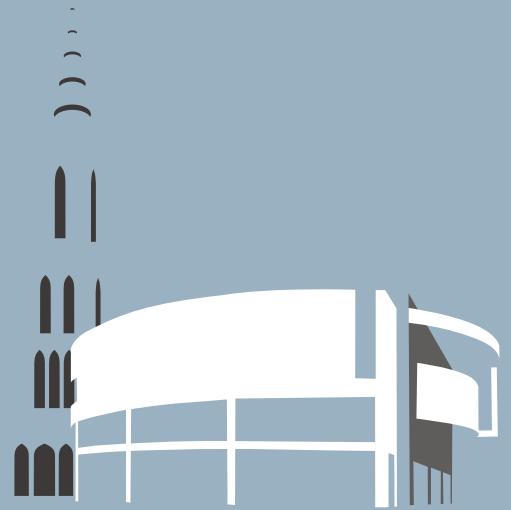
Your registration is accepted after receiving the full amount of your registration fee. Confirmation of payment will be sent by e-mail in due course.

PAYMENT METHODS

are outlined at the registration on www.ch-symposium2012.de

General Information

Hotel registration



Who will give you information?

Information about scientific program:

Prof. Dr. Marko Kornmann
Department of General, Visceral, and Transplantation Surgery
University Hospital of Ulm
Steinhövelstr. 9, 89075 Ulm
Phone: +49-731/500-53 560, Fax : +49-731/500-53 561
e-mail: cornelia.unseld@uniklinik-ulm.de

Information about general organization (registration and participation):

Cornelia Unseld
Secretary Prof. Dr. Kornmann
Department of General Visceral, and Transplantation Surgery
University Hospital of Ulm
Steinhövelstr. 9, 89075 Ulm
Phone.: +49-731/500-53 560, Fax : +49-731/500-53 561
e-mail: cornelia.unseld@uniklinik-ulm.de

Miriam Schatz – EMTS
Reichenberger Str. 16, D-91325 Adelsdorf
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Sponsors & Industry:

Kristin Pestel - Die Kongressmacher
Beethovenstraße 12, D-04107 Leipzig
Phone.: +49-341 12457 128, Fax.:+49-341 12457 129
mobile:+49-178 8058651



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

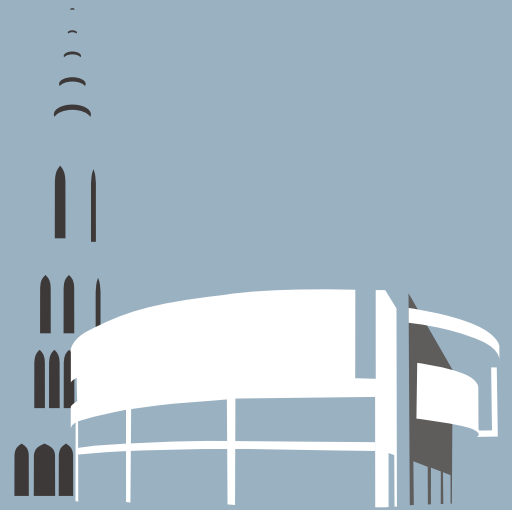
Sponsors Industrial Support



We are grateful for the encouragement of



Conference Location



*Gothic Münster with the world's highest church spire and the modern Stadthaus Ulm
Foto: Nik Schölzel*

Stadthaus Ulm
Münsterplatz 50
89073 Ulm

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.

The Stadthaus is one of a series of important and highly visible European commissions undertaken by Richard Meier and include the headquarters of Canal Plus in Paris (1992), The Museum of Contemporary Art in Barcelona (1995), the Frankfurt Museum of Decorative Arts (1985) or The Hague City Hall and CentralLibrary in The Netherlands (1995).

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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