



## WELCOME TO HEIDELBERG

Heidelberg is considered as one of the most beautiful cities in Germany. The picturesque ensemble of the castle, the Old Town, and the river Neckar surrounded by hills, which inspired the poets and artists of romanticism, still fascinates millions of visitors from all over the world today. But there's more to Heidelberg than romanticism.



About 11.8 million visitors from all over the world come to the city each year. The population, too, is international: an estimated 45,000 of Heidelberg's inhabitants have an immigrant background – many of them are scientists and students.



The combination of attractive countryside, favorable climate and urban lifestyle makes Heidelberg one of the leading cities in Germany in terms of leisure value. In addition, the city has received multiple awards for its commitment to the environment.

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## GENERAL INFORMATION

### Venue and Date

University Heidelberg  
Im Neuenheimer Feld 252/227 • 69120 Heidelberg/DE  
6–9 March 2017

Conference website  
[www.gpts-kongress.de](http://www.gpts-kongress.de)



### Hosting societies

Deutsche Gesellschaft für experimentelle und klinische Pharmakologie und Toxikologie e. V. (DGPT)  
Verbund Klinische Pharmakologie in Deutschland e. V. (VKliPha)  
Arbeitsgemeinschaft für Angewandte Humanpharmakologie e. V. (AGAH)

### Conference chair

Prof. Dr. Thomas Wieland  
Medizinische Fakultät Mannheim  
der Ruprecht-Karls-Universität Heidelberg  
Institut für Experimentelle und  
Klinische Pharmakologie und Toxikologie

### Scientific committee

PD Dr. Kurt Bestehorn (Ebenhausen/DE)  
Prof. Dr. Ursula Gundert-Remy (Berlin/DE)  
Prof. Dr. Lutz Hein (Freiburg i. Br./DE)  
Dr. Andrea Kliewer (Jena/DE)  
Dr. Barbara Schug (Oberursel/DE)  
Prof. Dr. Matthias Schwab (Stuttgart, Tübingen/DE)  
Prof. Dr. Thomas Wieland (Mannheim/DE)

### Industrial exhibition

During the conference an industrial exhibition will take place. Interested companies are invited to request information on the exhibition from Conventus.

### Professional congress organiser

Conventus Congressmanagement & Marketing GmbH  
Tina Markert  
Carl-Pulfrich-Straße 1 • 07745 Jena/DE  
Phone +49 3641 31 16-367 • Fax +49 3641 31 16-243



## 2<sup>nd</sup> GERMAN PHARM-TOX SUMMIT

83. Jahrestagung  
der Deutschen Gesellschaft  
für experimentelle und klinische  
Pharmakologie und Toxikologie (DGPT)  
und 19. Jahrestagung des Verbundes  
Klinische Pharmakologie (VKliPha)  
in Zusammenarbeit mit der AGAH

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## INVITATION AND CALL FOR ABSTRACTS

# 6–9 March 2017 | Heidelberg





## WELCOME NOTE

Dear colleagues and friends,

It is our great pleasure to welcome you, on behalf of the scientific committee, to the 2<sup>nd</sup> German Pharm-Tox Summit, which will be held by the DGPT together with the Association of Clinical Pharmacology (VKliPha) and the Association of Applied Human Pharmacology (AGAH) from 6–9 March 2017 in Heidelberg. After great success in 2016 we are looking forward to discover new topics in the wide range of pharmacology, clinical pharmacology and toxicology in 2017.

Heidelberg is the perfect place for this congress. Its university is the oldest and one of the most prestigious universities in Germany. The university's motto "semper apertus = always open" indicates a place for open minded and lively discussions in science and beyond. It is therefore our intention to provide an inspiring scientific platform here in Heidelberg and we especially encourage young scientists to participate in the conference.

We cordially invite you to submit your abstracts for poster and/or oral presentations to the German Pharm-Tox Summit. We are looking forward to receiving your contributions for the scientific programme and would like to thank you in advance for your support! The deadline for abstract submission is 27 October 2016. We are very grateful to the Heidelberg University for hosting this congress in their premises.

We wish you a successful and stimulating congress.

Welcome to Heidelberg!

Prof. Dr. Thomas Wieland  
Congress President DGPT

Prof. Dr. Matthias Schwab  
Congress President VKliPha

Prof. Dr. Lutz Hein  
President DGPT

Prof. Dr. Ursula Gundert-Remy  
President GT

Dr. Barbara Schug  
President AGAH



## ABSTRACT SUBMISSION

We cordially invite you to submit abstracts for poster and/or oral presentations to the 2<sup>nd</sup> German Pharm-Tox Summit. We are looking forward to receiving your contributions for the scientific programme and would like to thank you in advance for your support!

Abstracts should be submitted in English online at:  
[www.gpts-kongress.de](http://www.gpts-kongress.de)

**Abstract deadline: 27 October 2016**

### Registration

Please register online at [www.gpts-kongress.de](http://www.gpts-kongress.de).  
Early bird registration ends on **10 January 2017**.

### Abstract topics

#### Pharmacology and Clinical Pharmacology (DGP, DGKliPha, VKliPha)

##### *Molecular mechanisms*

- 1.11 G-protein coupled receptors
- 1.12 GTP-binding proteins
- 1.13 Cyclic nucleotides
- 1.14 Ion channels
- 1.15 Membrane transporters
- 1.16 Enzymes
- 1.17 NO, CO and reactive oxygen species
- 1.18 Epigenetics

##### *Organ and systems pharmacology*

- 1.21 Cardiovascular pharmacology & treatment
- 1.22 Central nervous system pharmacology
- 1.23 Pulmonary pharmacology
- 1.24 Endocrine pharmacology
- 1.25 Immunopharmacology
- 1.26 Gastrointestinal pharmacology
- 1.27 Urogenital system pharmacology
- 1.28 Cancer pharmacology & treatment



## ABSTRACT SUBMISSION

### *Clinical pharmacology*

- 1.31 Drug discovery
- 1.32 Disease models
- 1.33 Pharmacokinetics and PK-PD modelling
- 1.34 Pharmacogenomics & personalised therapy
- 1.35 Drug therapy in special populations
- 1.36 Clinical studies
- 1.37 Clinical pharmacy
- 1.38 Pharmacoepidemiology and drug safety
- 1.39 Adherence/compliance
- 1.40 Regulatory

### Toxicology (GT)

- 2.01 Biotransformation and toxicokinetics
- 2.02 Organtoxicity (immunotoxicity, blood, and kidney)
- 2.03 Neurotoxicity, incl. neurodevelopment
- 2.04 Reproductive/developmental toxicity
- 2.05 Endocrine effects
- 2.06 Risk assessment
  - 2.06.1 Methods
  - 2.06.2 Substances and compound groups
- 2.07 Nanomaterials
- 2.08 Genotoxicity
- 2.09 Carcinogenesis
- 2.10 Immunotoxicology
- 2.11 Non-animal testing
  - 2.11.1 in silico
  - 2.11.2 in vitro
- 2.12 Toxic pathway analysis/AOP
- 2.13 Exposure & effect monitoring
  - 2.13.1 Biomarkers of exposure & biomonitoring
  - 2.13.2 Biomarkers of effect & susceptibility
  - 2.13.3 External exposure
- 2.14 Food toxicology
- 2.15 Environmental toxicology & ecotoxicology
- 2.16 Toxins

### General

- 3.11 Education