Carcinogenesis Speciality Section

• Chair
  • Prof. Jan Vondracek, Czech Republic  Email: vondracek@ibp.cz

• Secretary
  • Prof. Jan G. Hengstler, Dortmund  Email: hengstler@ifado.de

• Councillors
  • Prof. Yalçın Duydu, Ankara
  • Dr. Ulrike Reuter, Helsinki
The Carcinogenesis Speciality Section provides a forum for EUROTOX Individual Members and European Toxicology national societies members to discuss all aspects of carcinogenesis (animal testing, human aspects, mechanisms, and regulatory consequences). Within EUROTOX, the Speciality Section fosters discussions on matters associated with the toxicology of carcinogenic compounds. Since 1999, the Speciality Section organizes educational conferences known as EUROTOX Training and Discussion Sessions (T&D Sessions).
# ACTIVITIES ACCOMPLISHED IN 2013

<table>
<thead>
<tr>
<th>Activities</th>
<th>Results obtained</th>
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</thead>
<tbody>
<tr>
<td>Annual face-to-face meeting held in September 3, 2013 during the EUROTOX annual meeting in Interlaken</td>
<td>Discussion on proposals for EUROTOX 2015 and further activities</td>
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<tr>
<td>SS submitted a total of 4 Proposals for Sessions, lectures and a CEC for EUROTOX 2015 in Porto</td>
<td>3 Proposals included in the program</td>
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<tr>
<td>Annual face-to-face meeting held in September 9, 2014 during the EUROTOX annual meeting in Edinburgh</td>
<td>Discussion of proposals for EUROTOX 2016 and further activities</td>
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<tr>
<td>SS submitted a proposal for a Workshop for EUROTOX 2016 in Istanbul</td>
<td>Proposal included in the program</td>
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## PLANNED ACTIVITIES IN 2014 / 2015

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<th>Expected results</th>
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<tr>
<td>Joint members’ meeting at the occasion of the 81st Annual Meeting of DGPT/German Society of Toxicology in Kiel, Germany, March 10th, 2015</td>
<td>Organizing a mini symposium entitled, Epigenetics in Carcinogenesis'</td>
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**Symposium 1**

### Epigenetics in Carcinogenesis

**Chairs:** D. Schrenk, A. Bürkle

- Introduction
- Dieter Schrenk (Kaiserslautern)
- Epigenetic modifications of DNA repair genes
- Markus Christmann (Mainz)
- Cancer chemoprevention by targeting the epigenome
- Clarissa Gerhäuser (Heidelberg)
- Epigenetic mechanisms in development and disease
- Richard Meehan (Edinburgh, UK)
- Conclusion and Outlook
- Alexander Bürkle (Konstanz)

### Symposium 2

**ANPT Symposium:** New Options for the Treatment of Multiple Sclerosis

**Chairs:** Markus Schwaninger

- Bernhard Ranih
- mechanisms of dimethyl fumarate actions
- Nina Wettisch (Bad Nauheim)
- Clinical evidence of dimethyl fumarate in multiple sclerosis
- Ralf Gold (Essen)
- Clinical evidence of dimethyl fumarate in psoriasis

### Symposium 3

**Drug Transport**

**Chairs:** M. Schwab

- Bernd Czeisler (Stuttgart)
- Uptake of drugs and transporters
- Maria Santos (Lisbon)
- Inhibitors of transporters
- Anne Nishino (Kyoto, Japan)
- Eflux transporters
- Optimal utilization of inhibitors

**Symposium 4**

**Clinical Aspects of Experimental and Clinical Pharmacology and Toxicology (DGPT)**

**DGPT 2015**

10th - 12th March

81st Annual Congress of the German Society for Experimental and Clinical Pharmacology and Toxicology (DGPT)

Sponsor: Biogen Idec
PLANNED ACTIVITIES IN 2015 / 2016

Activities
Preparation of the 21st EUROTOX Training & Discussion Workshop, Strategies in Genotoxicity Testing' to be held on August 26, 2015 in Prague, Czech Republic

PRELIMINARY PROGRAM

1:30–1:45 pm  WELCOME
Jan Vondráček, Institute of Biophysics AS CR, Brno, Czech Republic

1:45–5:50 pm  TALKS

- Doxorubicin and the basis for genotoxicity assessment
  Bernhard Kalus, University of Heidelberg, Germany
- In silico prediction of genotoxicity
  HGS Wolkenstein & Quint Pharma AG, Berlin, Germany
- In vitro mammalian cell genotoxicity tests – a complementary tool?
  Francesco Corri, DLR, European Institute for Health and Consumer Protection, Rome, Italy
- Caffeine break
- Combination of acute tests and integration into standard toxicity testing
  Andreas Cichos, Stiefel, Frankfurt, Germany
- Phthalates in in vitro genotoxicity testing and relevance for the in vivo situation
  N.K.

5:50–6:00 pm  WRAP-UP
Dieter Schwenk, University of Kassel, Kassel, Germany
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<td>Election of new chair of Carcinogenesis SS during EUROTOX 2015 in Porto</td>
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