

32nd Ernst Klenk Symposium in Molecular Medicine

**Precision oncology:
Translating basic discoveries into patient survival.**

Dec. 08 - 10, 2016

certified with
16 CME credits

Program

Scientific Coordinator

Charles Swanton - The Francis Crick Institute - London, UK
jointly with

Christian Reinhardt and Roman Thomas

Chairs - Cologne Ernst Klenk Symposium Committee 2016

Reinhardt Büttner - Michal-Ruth Schweiger - Michael Hallek - Wilhelm Stoffel - D. Grosskopf-Kroiher - Thomas Benzing

in association with

Center for Integrated Oncology • KFO 286 • CRC 1218 • CRC 829 • CRC 670 • Dept. of Translational Genomics
e:Med Systems Medicine • LungCancer Group Cologne • sybacol • ITN CodeAge • CECAD Cologne
Cologne Center for Genomics • Dept. for Pathology • Dept. I for Internal Medicine • Clinical Trials Centre Cologne
University Hospital Cologne • ORPHEUS • BioRiver - Life Science im Rheinland e.V. • Cologne Convention Bureau

Participation in the meeting is free of charge.

Further information and free registration:

<http://www.cmmc-uni-koeln.de/events/ernst-klenk-symposium/ernst-klenk-symposium-2016/>

Fritz Thyssen Stiftung
für Wissenschaftsförderung

Poster Session on Dec. 08, 2016 from 5.30 - 8.30 p.m. during the Welcome Get-Together

Venue

Main Lecture Hall, Faculty of Medicine, University of Cologne
Access only possible from Joseph-Stelzmann-Str. 26 - Please follow the yellow Klenk signs.

Organization

Center for Molecular Medicine Cologne (CMMC), University of Cologne - www.cmmc-uni-koeln.de

CMMC CENTER FOR
MOLECULAR MEDICINE COLOGNE

Thursday – Dec. 08, 2016

12.50 p.m. Welcome Address

Thomas Krieg Dean - Medical Faculty, University of Cologne
Michael Hallek Chair - Center for Integrated Oncology, Univ. Hospital Cologne
Thomas Benzing Chair - Center for Molecular Medicine Cologne, University of Cologne
Charles Swanton - **Christian Reinhardt** - **Roman Thomas**
Scientific Coordinators - Ernst Klenk Symposium 2016

Session I Discovering basic principles of actionable genomic aberrations in cancer/tumor evolution/acquired resistance

Chairs **Charles Swanton** / Michal-Ruth Schweiger - Cologne, DE

- 1.00 - 1.30 p.m. **Molecular targets in childhood malignancies**
Stefan Pfister - German Cancer Research Center - Heidelberg, DE
- 1.30 - 2.00 p.m. **A landscape of pharmacogenomic interactions in cancer**
Mathew Garnett - Wellcome Trust Sanger Institute - Cambridge, UK
- 2.00 - 2.30 p.m. **Targeted therapy of BRAF-non^{v600} mutant melanoma: Lots of ideas, not much evidence**
Jeffrey A Sosman - Robert H. Lurie Comprehensive Cancer Center, Northwestern University - Chicago, US
- 2.30 - 3.00 a.m. *Coffee Break*
- Chair **Martin Sos** - Cologne, DE
- 3.00 - 3.30 p.m. **Therapy of lymphoma inspired by functional and structural genomics**
Louis M Staudt - National Cancer Institute, Center for Cancer Research - Bethesda, US
- 3.30 - 4.00 p.m. **Functional characterization of mutant RAF alleles: Basic and translational implications**
Neal Rosen - Dept. of Medicine, Memorial Sloan Kettering Cancer Center - New York, US
- 4.00 - 4.30 p.m. **The development of next generation cancer therapeutics**
William R Sellers - Broad Institute and Dana-Farber Cancer Institute - Cambridge, US
- 4.30 - 5.00 p.m. *Coffee Break*
- 5.00 - 8.30 p.m. **Poster session during the Welcome Get-Together (free finger food and drinks)**
Selection of three posters for the Poster Awards

Poster Presentation - Klenk Symposium 2016

We are pleased to welcome you to the poster session with 54 poster contributions for the following topics:

- A: Discovering basic principles of actionable genomic aberrations in cancer/tumor evolution/acquired resistance**
Poster A01 - A20
- B: Using mouse models as preclinical avatars for the development of precision cancer**
Poster B01 - B10
- C: Novel approaches for targeted intervention in solid tumors, lymphomas and leukemias**
Poster C01 - C25

The poster track is intended as a forum that provides an opportunity for the authors to present original research results, ongoing and preliminary results to promote interaction.

Poster Award

The Klenk Poster Award 2016 of the Center for Molecular Medicine Cologne (CMMC) will be awarded to the presenting author of the three most outstanding poster contributions. The awardees of the poster prize are invited to give a short presentation (10 min.) during the last session on Saturday, Dec. 10, 2016.

Friday - Dec. 09, 2016

Session II Using mouse models as preclinical avatars for the development of precision cancer medicine

Chair **Christian Pallasch** - Cologne, DE

9.00 - 9.30 a.m. **Mouse models of lung cancer: What do they teach us?**

[Anton Berns](#) - Netherlands Cancer Institute - Amsterdam, NL

9.30 - 10.00 a.m. **The use of mouse lung cancer models for preclinical testing of novel targeted therapeutics**

[Kwok K Wong](#) Dana-Farber Cancer Institute, Harvard Medical School - Boston, US

10.00 - 10.30 a.m. **Deconstructing the molecular genetics of human cancer and its therapeutic implications**

[Pier P Pandolfi](#) - Div. of Genetics, Beth Israel Deaconess Medical Center - Boston, US

10.30 - 11.00 a.m. *Coffee Break*

Chairs **Reinhardt Büttner, Martin Peifer** - Cologne, DE

11.00 - 11.30 a.m. **Tailored animal models through *in vivo* genome editing**

[Lukas E Dow](#) - Dept. of Medicine, Hematology and Medical Oncology, Sandra and Edward Meyer Cancer Center, Weill Cornell Medicine - New York, US

11.30 - 12.00 a.m. **Modeling and targeting GI-cancer subtypes**

[Dieter Saur](#) - II Med. Klinik und Poliklinik, Technische Universität München - Munich, DE

12.00 - 12.30 p.m. **Mouse models of small cell lung cancer to identify novel therapeutic strategies**

[Julien Sage](#) - Depts. of Pediatrics & Genetics, Stanford Univ. Medical Center - Stanford, US

12.30 - 2.00 p.m. *Lunch Break with Poster Presentation (free soup and sandwiches for all participants)*

Session III Novel approaches for targeted intervention in solid tumors, lymphomas and leukemias

Chair **Jürgen Wolf** - Cologne, DE

2.00 - 2.30 p.m. **Being precise on the EGFR pathway**

[Tony S K Mok](#) - Dept. of Clinical Oncology of Sciences, Chinese University of Hong Kong - HK

2.30 - 3.00 p.m. **Lessons from targeted therapy in leukaemia and lymphoma**

[John G Gribben](#) - Barts Cancer Center, Queen Mary University of London - London, UK

3.00 - 3.30 p.m. **Mechanisms of acquired resistance to third generation TKIs**

[Enriqueta Felip](#) - Institute of Oncology, Vall d'Hebron University Hospital - Barcelona, ES

3.30 - 3.50 p.m. *Coffee Break*

Chair **Matthias Fischer** - Cologne, DE

3.50 - 4.00 p.m. **Announcement of the Poster Awards** - Christian Reinhardt and Roman Thomas

4.00 - 4.30 p.m. **Somatic alterations in non-small cell lung cancer genomes**

[Matthew L Meyerson](#) - Dana-Farber Cancer Center, Harvard Medical School - Boston, DE

4.30 - 5.00 p.m. **Exploiting good and bad senescence in cancer therapy**

[Clemens A Schmitt](#) - Charité - Universitätsmedizin and Max-Delbrück-Center for Molecular Medicine - Berlin, DE

5.00 - 5.30 p.m. **Translation and precision: optimising melanoma care**

[Richard Marais](#) - Cancer Research UK Manchester Institute, Univ. of Manchester, UK

5.30 - 6.00 p.m. *Coffee Break*

6.00 - 7.00 p.m. **Ernst Klenk Lecture:**

Tracking Cancer Evolution : TRACERx

Charles Swanton - The Francis Crick Institute - London, UK

Laudatio: Christian Reinhardt and Roman Thomas

Saturday - Dec. 10, 2016

Session IV Immune checkpoint blockade as a novel therapeutic approach

Chair **Michael von Bergwelt-Baildon** - Cologne, DE

9.00 - 9.30 a.m. **Cellular plasticity and clonal dynamics in cancer immunotherapy**

[Michael Hölzel](#) - Inst. of Clinical Chemistry and Clinical Pharmacology, University of Bonn, DE

9.30 - 10.00 a.m. **Development and reversal of T cell exhaustion**

[E John Wherry](#) - Dept. of Microbiology and Institute for Immunology, University of Pennsylvania - Philadelphia, US

10.00 - 10.30 a.m. **PD-1 cancer immunotherapy**

[Gordon J. Freeman](#) - Dept. of Medical Oncology, Dana-Farber Cancer Institute and Harvard Medical School - Boston, US

10.30 - 11.00 a.m. *Coffee Break*

Chair **Roland Ullrich** - Cologne, DE

11.00 - 11.30 a.m. **Checkpoint blockade in melanoma: what do we know?**

[Dirk Schadendorf](#) - Dept. of Dermatology, Venerology and Allergology, University Hospital - Essen, DE

11.30 - 12.00 p.m. **Single-agent beyond inhibitor checkpoint in cancer immunotherapy**

[William Pao](#) - Oncology Translational Medicine, Roche Pharma Research and Early Development - Basel, CH

12.00 - 12.30 p.m. **Resistance mechanisms in cancer immunotherapy**

[Thomas Tüting](#) - Dept. of Dermatology, University Hospital - Magdeburg, DE

12.30 - 1.00 p.m. **Short presentation**

of the three poster awardees (3 x 10 min. short talk)

1.00 - 1.15 p.m. **Summary, open questions, concluding remarks**

Charles Swanton - Christian Reinhardt - Roman Thomas

General Information

The meeting is open and no registration or attendance fee is required. Participation is free of charge - free registration is required. Childcare is provided by Spielland, University Hospital Cologne.

Contact

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