

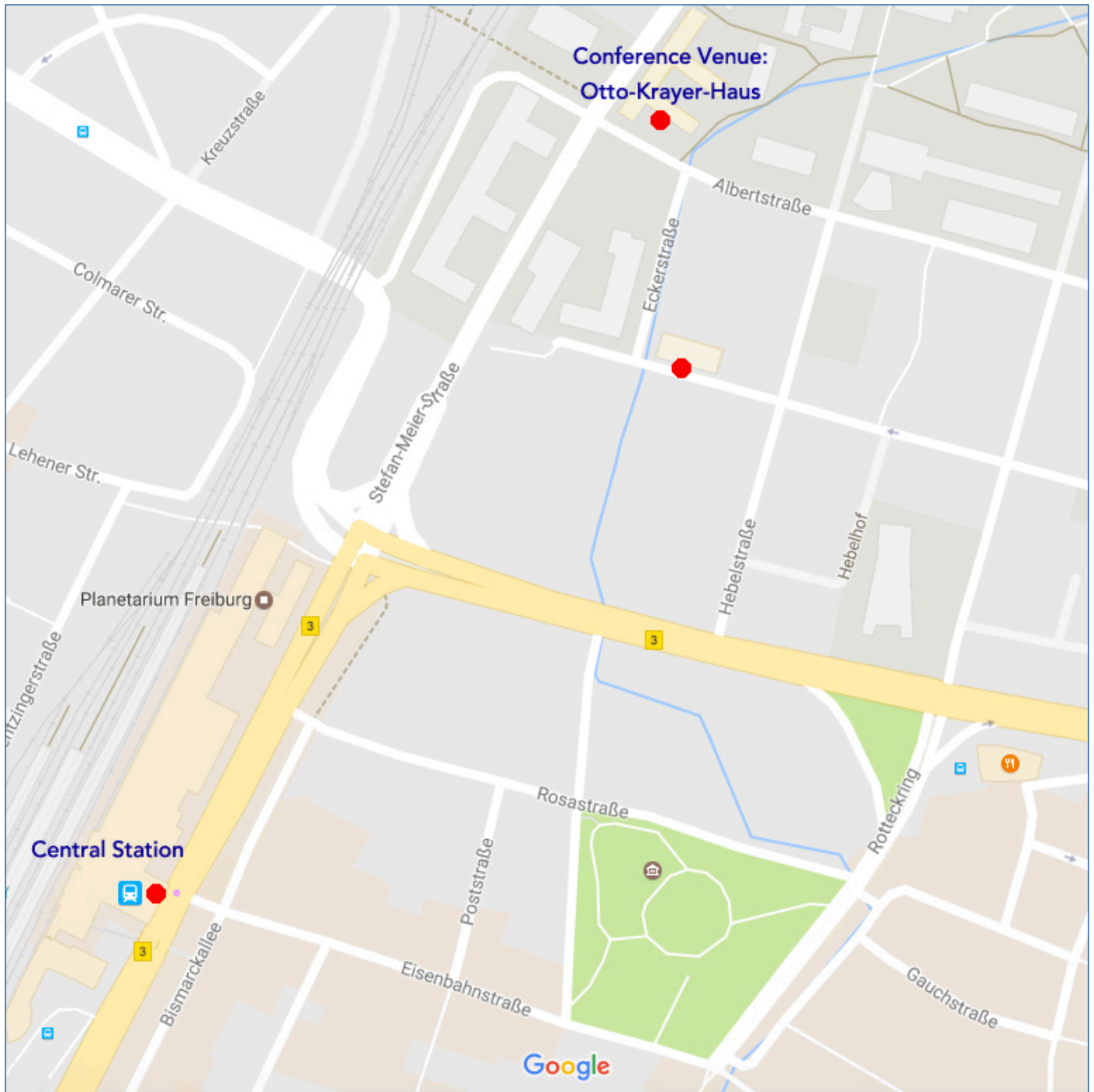
**Collaborative Research Centre 992
Medical Epigenetics**

CRC 992 Symposium on Medical Epigenetics 2018

Monday, March 12th – Wednesday, March 14th

Agenda

**Lecture Hall Otto-Krayer-Haus
Albertstr. 25
79104 Freiburg, Germany**



Day 1 **Monday, March 12th 2018, 14:30 - 19:30**

13:00 Registration

14:30 Welcome remarks by Roland Schüle and Stefan Kass

Session 1 **Epigenetic Mechanisms (Chair: Asifa Akhtar)**

14:35 – 15:05 **Asifa Akhtar**, Freiburg

Epigenetic regulation by histone acetylation

15:05 – 15:20 Selected talk from abstracts

15:20 – 15:50 **Thomas Jenuwein**, Freiburg

Dysregulation of repetitive element expression in Acute Myeloid Leukemia

15:50 – 16:30 **Coffee Break**

16:30 – 17:00 **Robert Schneider**, Munich

Novel Players in Chromatin

17:00 – 17:30 **Dirk Schübeler**, Basel, CH

Accessing the genome: transcription factors as sensors and modifiers of chromatin

17:30 – 18:00 **Maria-Elena Torres-Padilla**, Munich

Epigenetic mechanisms in early mammalian development

18:00 – 18:30 **Coffee Break**

18:30 – 19:30 Keynote Lecture by **Susan Gasser**, Basel, CH

with kind support from Reaction Biology Inc.

Dealing with rampant transcription: A role for H3K9me and BRCA-I

19:30 **Reception**

Day 2 **Tuesday, March 13th 2018, 9:00 - 17:30**

Session 2 **Epigenetics in Hematology (Chair: Heike Pahl)**

- 09:00 – 09:30 **Maria Figueroa**, Miami, FL
Epigenetic regulation in hematopoiesis: Clinical and Biological implications
- 09:30 – 10:00 **Elizabeth Griffiths**, Buffalo, NY
TBD
- 10:00 – 10:30 **Michael Lübbert**, Freiburg
DNA-hypomethylating agents in acute myeloid leukemia (AML): combination therapies and their curative potential
- 10:30 – 11:00 **Coffee Break**
- 11:00 – 11:30 **Heike Pahl**, Freiburg
The Epigenetic Landscape of Patients with Myeloproliferative Neoplasms is altered by elevated activity of the transcription factor NFE2
- 11:30 – 11:45 Selected talk from abstracts
- 11:45 – 12:15 **Christian Flotho**, Freiburg
Epigenetic subclasses in juvenile myelomonocytic leukemia with clinical significance
- 12:15 – 14:00 **Lunch Break and Poster Session**

Session 3 **Epigenetic Drug Discovery (Chair: Manfred Jung)**

- 14:00 – 14:30 **Jian Jan**, New York, NY
Discovery of Selective Inhibitors for Histone Methyltransferases
- 14:30 – 15:00 **Manfred Jung**, Freiburg
Medicinal Chemistry and Chemical Biology of Sirtuins
- 15:00 – 15:30 **Tamara Maes**, Barcelona, ES
TBD
- 15:30 – 16:00 **Coffee Break**
- 16:00 – 16:30 **Rabinder Prinjha**, Stevenage, UK
Drugging Transcription: Progress and potential for treating human diseases
- 16:30 – 17:00 **Yael David**, New York, NY
Engineering Chromatin States Towards Understanding Epigenetic Regulation
- 17:00 – 17:30 **Jesse Smith**, Cambridge, MA
Induction of Fetal Hemoglobin by a Potent, Selective Inhibitor of G9a: Implications for Sickle Cell Disease Therapy

Day 3 **Wednesday, March 14th 2018, 9:00 - 17:30**

Session 4 **Chromatin Modifications and Transcriptional Consequences (Chair: Marc Timmers)**

09:00 – 09:30 **Ali Shilatifard**, Chicago, IL
Principles of Epigenetics and Chromatin in Development and Human Disease

09:30 – 10:00 **Luciano Di Croce**, Barcelona, ES
The biological role of Polycomb and MLL complexes in stem cells and cancer

10:00 – 10:30 **Peter Lewis**, Madison, WI
Investigating the mechanisms of oncogenic histone mutations

10:30 – 11:00 **Coffee Break**

11:00 – 11:30 **Marc Timmers**, Freiburg
The TRiC/CCT Chaperonin serves as Checkpoint in Basal Transcription Factor TFIID

Assembly

11:30 – 12:00 **Peter Verrijzer**, Rotterdam, NL
Chromatin remodeling in development and disease

12:00 – 12:30 **Stephan Beck**, London, UK
From Profiles to Function

12:30 – 13:30 **Lunch Break and Poster Session**

Session 5 **Epigenetics in Development and Disease (Chair: Lutz Hein)**

13:30 – 14:00 **Lutz Hein**, Freiburg
Epigenetic Control of Cardiac Myocyte Development and Disease

14:00 – 14:30 **Roger Foo**, Singapore
TBD

14:30 – 15:00 **Alexander Meissner**, Berlin
The Role of DNA methylation in Development and Disease

15:00 – 15:30 **Wolf Reik**, Cambridge, UK
Epigenetic programming in development and ageing

15:30 – 15:55 **Coffee Break**

15:55 – 16:00 Award for the Best Poster

16:00 – 16:30 **Roland Schüle**, Freiburg
The novel histone methyltransferase KMT9: prostate cancer unplugged

16:30 – 17:30 Keynote talk: "Epigenetic Therapies" by **Peter Jones**, Grand Rapids, MI
Epigenetic Therapies

17:30 Adjourn – Roland Schüle