Program Meeting Chemical Epigenetics 10.-13.4.2016

10.04.2016 Sunday Opening

(14-17h	**COST EPICHEMBIO WG1 meeting**	**(only MC members)**
18.30 - 19.00	**Welcome @ FRIAS (Albertstr. 19)**	
19.00	*Opening Reception at FRIAS*	*FRIAS lounge*

11.04.2016 Monday, Day 1 (Albertstr. 21, Chemistry building)

08:45 - 09:00	**Organiser´s introduction**	
09.00 - 09.30	**Roland Schüle**	**LSD1 controls chromosomal integrity and much more**
09.30 - 10.00	**Chris Schofield**	**Role of Oxygenases in Epigenetics**
10.00 - 10.30	**Dirk Schwarzer**	**Peptide-based probes for lysine deacetylases**
10.30 - 11.00	*Coffee break*	
11.00 - 11.30	**Stefan Günther**	
11.30 - 12.00	**Stuart Conway**	**Targeting Epigenetic Reaser Proteins Using Chemical Biology**
12.00 - 12.30	**Stefan Knapp**	**Towards a comprehensive chemical probe set targeting bromodomains**
12.30 - 14.00	*Lunch*	
14.00 - 14.30	**Wolfgang Sippl**	**Structure-based design with epigenetic targets - the discovery of novel inhibitors for PRK1 kinase and JumonjiC domain-containing histone demethylases**
14.30 - 15.00	**Manfred Jung**	**Targeting readers of the epigenetic code - Assays and inhibitors for methyl-histone binding proteins**
15.00 15.30	**Stefan Kubicek**	**Mapping the chemical chromatin reactivation landscape**
15.30 - 16.00	**Alexander Cote**	**Structure-guided discovery of potent and selective bromodomain inhibitors and their application to phenotype discovery**
16.00 - 16.30	*Coffee break*	
16.30 - 17.00	**Antonello Mai**	**Development of novel EZH2 inhibitors active in cancer cells**
17.00 - 17.30	**pending**	**pending**
17.30 - 18.00	**Akane Kawamura**	**Development of JmjC histone demethylase inhibitors**
18.00 - 19.00	**Udo Oppermann (Plenary lecture)**	**Targeting histone demethylases in immuno-oncology**
19.00 - 21.30	*Poster Sessions with wine and snacks*	*Foyer and Seminar room Albertstr. 21*

12.04.2016 Tuesday, Day 2 (Albertstr. 21, Chemistry building)

09.00 - 09.30	**Ray Pierce**	**Histone deacetylases as therapeutic targets for neglected parasitic diseases**
09.30 - 10.00	**Chris Romier**	
10.00 - 10.30	**Rab Prinjha**	**Epigenetic Drug Discovery: From Target to Patients**
10.30 - 11.00	*Coffee break*	
11.00 - 11.30	**Tim McKinsey**	**Chemical Epigenetic Dissection of Heart Failure**
11.30 - 12.00	**Ritwick Sawarkar**	**Hsp90 buffers genetic variation via epigenetic mechanisms**
12.00 - 12.30	**Stephen Shuttleworth**	**Design and Development of a Novel Series of HDAC6-Selective Inhibitors for Hematological Cancer Treatment and Solid Tumor Immunotherapy**
12.30 - 13.30	*Lunch*	
13.30 - 14.00	**Ganesan**	**Erasing the Erasers: Studies with HDAC and LSD1 Inhibitors**
14.00 - 14.30	**Christian Olsen**	**Macrocyclic Inhibitors of the Human Histone Deacetylase (HDAC) Enzymes**
14.30 - 15.00	**John Denu**	**Catalytic Activation of the SIRT6 protein deacetylase**
15.00 - 15.30	**Clemens Steegborn**	**Sirtuins: Molecular mechanisms of substrate selection, inhibition, and activation**

15.30 - 16.00	*Coffee break*	
16.00 - 16.30	**Gianluca Sbardella**	**Cell-Permeable modulators of Histone Acetyltransferases for the regulation of behavioral plasticity**
16.30 - 17.00	**Angel de Lera**	**Palladium-catalyzed Cascade Reactions for the Synthesis of Paullones, SIRT Modulators**
17.00 - 17.30	**Paola Arimondo**	**Chemical tools for DNA methylation targeting in cancer cells**
17.30 - 18.00	**Harald Engelhardt**	**Discovery of a Potent BET-Inhibitor by Agile Hit Finding Approaches**
18.15 - 19.15	**Thomas Carell (Plenary lecture)**	**Oxidized Cytosine Bases with Novel Epigenetic Functions**
19.45	*Speakers dinner*	*Greiffeneggschlössle*

13.04.2016 Wednesday, Day 3 (Albertstr. 21, Chemistry building)

09.00 - 09.30	**Rasmus Clausen**	**Development of inhibitors and tools for histone demethylases**
09.30 - 10.00	**Jun Qi**	**Targeting on Epigenetic Proteins for Cancer Therapy**
10.00 - 10.30	**Dafydd Owen**	**The SGC-Pfizer Chemical Probes**
10.30 - 11.00	*Coffee break*	
11.00 - 11.30	**Robert Copeland**	**Tazemetostat: A Potent, Selective EZH2 Inhibitor as a Precision Cancer Therapeutic**
11.30 - 12.00	**Jian Jin**	**Discovery of Selective Inhibitors for PKMTs and PRMTs**
12.00 - 12.30	**Jorge DiMartino**	**Considerations for early clinical evaluation of epigenetic agents for cancer therapy**
12.30 - 12.45	*Closing remarks and farewell*	

Evening event – Public outreach FRIAS Horizonte (in German)

Peter Spork