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## **“Focus on Chromatin: Tools & Services for Epigenetics and Gene Regulation”**

**25 October 2016, 11:00 (s.t.)**

**Venue:** IMB Seminar Room, 2<sup>nd</sup> Floor  
Institute of Molecular Biology (IMB)  
Johannes Gutenberg University Campus Mainz  
**All are welcome to attend.**

## **Abstract: “Focus on Chromatin: Tools & Services for Epigenetics and Gene Regulation”**

Studying **transcription factor** (TF) biology and the **epigenetic** state of chromatin has been key to understanding the complex behavior of numerous disease and developmental stages, including cancer, cardiovascular disease, neurological disorders and aging. This seminar will highlight current tools & services related to chromatin research, e.g. **ChIP-Seq** (with a focus on **Spike-in normalization**), ChIP-Mass Spec. (**RIME**) and **Histone PTM analysis using a Multiplex** Elisa approach. We will discuss the challenges that may arise and how to overcome them.

