



## Epigenetics Workshop

This workshop brings together early-stage doctoral students and postdoctoral researchers to discuss the latest developments in epigenetics, focusing on core mechanisms in development, differentiation, aging, and disease across various model systems.

**29<sup>th</sup> November 2023**

Josephinum, Waehringer Str. 25, 1090 Vienna

DEPARTMENT OF PATHOLOGY



MEDICAL UNIVERSITY  
OF VIENNA



Vienna Healthcare Group  
University Hospital Vienna

## Programme

9.00 am

### Welcome

Alexandra Lusser, Institute of Molecular Biology,  
Medical University of Innsbruck

Gerda Egger, Department of Pathology,  
Medical University of Vienna/University Hospital Vienna

9.10 – 9.30 am

### Epigenetics – an introduction

Gerda Egger, Department of Pathology,  
Medical University of Vienna/University Hospital Vienna

9.30 – 11.00 am

### Development & Early Life

#### DNA methylation during early development

Mark Wossidlo, Center for Anatomy and Cell Biology,  
Division of Cell and Developmental Biology,  
Medical University of Vienna

#### Epigenetics and the early life exposome

Claudia Gundacker, Center for Pathobiochemistry  
and Genetics, Institute of Medical Genetics,  
Medical University of Vienna

11.00 – 11.30 am

### Coffee break

11.30 – 1.00 pm

### Chromatin & Epitranscriptomics

#### Histone H3.3 variant assembly in health and disease of the fruit fly

Alexandra Lusser, Institute of Molecular Biology,  
Medical University of Innsbruck

#### Exploring the epitranscriptome in cellular and organismal aging

Markus Schosserer,  
Center for Pathobiochemistry and Genetics, Institute of  
Medical Genetics, Medical University of Vienna

1.00 – 2.00 pm

### Lunch

2.00 – 3.30 pm

### Cancer Epigenetics

#### DNA methylation in female malignancies

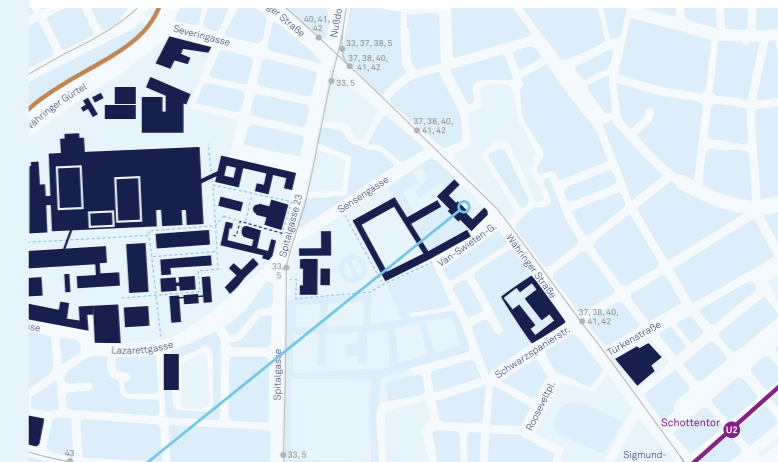
Heidi Fiegl, Department of Obstetrics and Gynaecology,  
Medical University of Innsbruck

#### Fusion-driven pediatric tumors: From epigenomic profiling to developmental disease models

Eleni Tomazou, St. Anna Children's Cancer Research  
Institute, Vienna

3.30 – 6.00 pm

### Poster Session and Networking



Josephinum, Collections of the MedUni Vienna,  
Library, Floor 01, Waehringer Str. 25, 1090 Vienna

In Cooperation with:



**ERIA**  
European Research Initiative  
on ALX-related malignancies

**fantom**

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**ÖFG** // ÖSTERREICHISCHE  
FORSCHUNGSGEMEINSCHAFT