WELCOME ADDRESS

Dear colleagues and friends,

Thanks to new advances in genome engineering technologies, the gene therapy field is currently undergoing unprecedented and highly dynamic development, promising to cure patients with life-threatening or incurable conditions.

By correcting the underlying genetic causes, gene therapy is poised to bring about major breakthroughs in the treatment of many diseases for which only symptomatic treatment currently exists.

At this first international University Medicine Zürich (Hochschulmedizin Zürich, HMZ) Symposium on Gene and Cell Therapy, research and clinical leaders in the field from Europe and HMZ will aim to provide an overview of new concepts, therapeutic interventions and future developments.

We look forward to your participation in the Symposium.

With best wishes,

Prof. Janine Reichenbach

Prof. Martin Jinek
PROGRAMME

12:00 Coffee and Snacks

12:30 Welcome
Beatrice Beck
Schimmer, Director
UMZH

12:45 Introduction
Janine Reichenbach

13:00 Gene therapy for hematologic diseases
Marina Cavazzana

13:30 Gene therapy for myeloid immunodeficiency
Janine Reichenbach

14:00 Gene therapy for bone marrow failure syndromes
Juan A. Bueren

14:30 CRISPR/Cas genome editing of human hematopoietic stem cells
Jacob Corn

15:00 Coffee Break

15:30 AAV mediated retinal gene therapy - the present and future
Deniz Dalkara

16:00 Dissecting the biology of hematopoietic stem cells using in situ 3D quantitative microscopy
César Nombela-Arieta

16:30 Base editing for metabolic disorders
Gerald Schwank

17:00 Non-viral gene therapy for the liver
Hiu Man Grisch

17:30 Apéro

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SPEAKERS

Juan A. Bueren  Head Hematopoietic Innovative Therapies’ Division, CIEMAT/CIBERER, Fundación Jiménez Díaz, Madrid
Marina Cavazzana  Head Department of Biotherapy, Hôpital Necker-Enfants Malades, Paris
Jacob Corn  Head Laboratory Genome Biology, Department of Biology, ETH Zürich
Deniz Dalkara  Head Gene therapies and animal models for neurodegenerative diseases, Institut de la Vision, Paris
Hui Man Grisch  Senior Researcher, Division of Metabolism, University Children’s Hospital Zürich
César Nombela-Arrieta  Head Experimental Hematology Laboratory, University Hospital Zürich
Janine Reichenbach  Co-Head Division Immunology, University Children’s Hospital, Zürich
Gerald Schwank  Head Laboratory Stem Cell Biology & Disease Modeling, Department of Biology, Molecular Health Sciences, ETH Zürich

INFORMATION

How to reach the Lecture Hall “Alte Anatomie” by Public Transportation:

Schulungsgebäude USZ (no. 7 on map), Gloriatrassasse 19, 8032 Zürich
Tram No. 5, Stop Platte