INTERNATIONAL SYMPOSIUM
GENE AND CELL THERAPIES
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

12:45  Introduction

13:00  Gene therapy for hematologic diseases

13:30  Gene therapy for myeloid immunodeficiency

14:00  Gene therapy for bone marrow failure syndromes

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

15:00  Coffee Break

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

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

16:30  Base editing for metabolic disorders

17:00  Non-viral gene therapy for the liver

17:30  Apéro

Beatrice Beck Schimmer, Vice President Medicine

Janine Reichenbach

Marina Cavazzana

Juan A. Bueren

Jacob Corn

Deniz Dalkara

César Nombela-Arrieta

Gerald Schwank

Hiu Man Grisch
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 neuro-degenerative diseases, Institut de la Vision, Paris

Hiu 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), Gloriatrassse 19, 8032 Zürich
Tram No. 5, Stop Platte