



**University of
Zurich**^{UZH}

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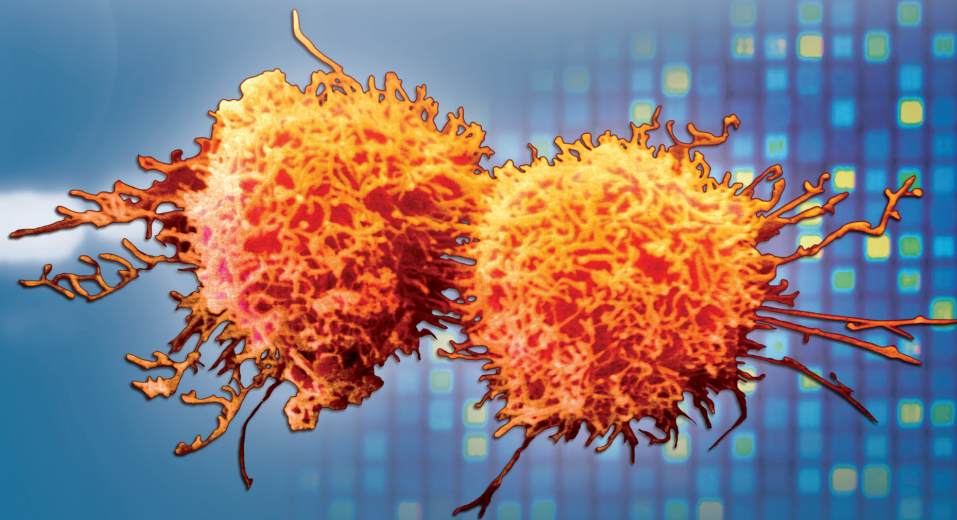
Molecular Diagnostics 2020

Symposium

March 04 + 05, 2020

CREDIT SUISSE FORUM ST. PETER

Zurich



UNIVERSITY
**CHILDREN'S HOSPITAL
ZURICH**

**The hospital of the
Eleonore Foundation**

Program

Wednesday, 04 March 2020

08.30–09.15 Registration & Coffee

09.15–09.30 Introduction & General View

Prof. Dr. Martin Hersberger
University Children's
Hospital Zurich

09.30–10.15 First Experience of Clinical Application
of Metagenomics in Viral Diagnostics

Prof. Dr. Nicolas Müller
University Hospital of Zurich

10.15–11.00 Human Genetic Factors and Distribution
of Tick-Borne Encephalitis Viruses in
Switzerland

Dr. Rahel Ackermann
University of Bern

11.00–11.30 Coffee Break

11.30–12.15 Genome-Wide Genotyping Combined with
Gut Metagenomic Sequencing: Causal
Relationship for Metabolic Diseases

Dr. Serena Sanna
University of Groningen,
Netherlands

12.15–13.00 Differentiation of Human Materials in
Forensic Investigations

Dr. Natasha Arora
University of Zurich

13.00–14.15 Lunch Break

14.15–15.00 Next Generation Genome Editing

Prof. Dr. Martin Jinek
University of Zurich

15.00–15.45 Human Breast Cancer: Genetic Testing and
Counselling

Dr. Benno Röthlisberger
Genetica Zurich

15.45–16.30 Genetics of Childhood-Onset Diabetes

PD Dr. Jean-Louis Blouin
University Hospital of Geneva

Thursday, 05 March 2020

08.30–09.15 Registration & Coffee

09.15–10.00	Plasma Cell-Free DNA Marker as Diagnostic Tools in Lymphomas	Prof. Dr. Davide Rossi Inst. of Oncology Research Bellinzona
10.00–10.45	How Good is your Next Generation Sequencing? Lessons Learned from Genomics EQA Schemes	Dr. Simon Patton Manchester University EMQN, UK
10.45–11.30	Polygenic Risk Scores	Dr. Rainer Malik University Hospital Munich, Germany
11.30–12.00	Snack Break	
12.00–12.45	Implementing Various Applications of Cell-Free Circulation DNA Analysis in a Clinical Laboratory	Dr. Thierry Nospikel University Hospital of Geneva
12.45–13.30	Using Public DNA Databases to Identify Suspected Perpetrators of Crime	Dr. Gabrielle Samuel King's College London, UK
13.30–13.45	Outlook	Prof. Dr. Carlo Largiadèr Inselspital Bern

CME: 9 credit points (FAMH)

Scientific program

Prof. Martin Hersberger, University Children's Hospital Zurich
Prof. Beat Thöny, University Children's Hospital Zurich
Prof. Carlo Largiadèr, Inselspital Bern

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Organisation

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Registration at:
www.molekularediagnostik.ch

Conference Venue

CREDIT SUISSE
FORUM ST. PETER
St. Peterstrasse 19
8070 Zurich
www.credit-suisse.com/forum
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Public transportation

Tram lines 6, 7, 11, 13, 17 from Central Station to the tram stop Paradeplatz

By car

P1 Sihl car park, Gessnerallee
P2 Urania car park, Uraniastrasse
P3 Talgarten car park, Nüscherstrasse

