

16TH SWISS EXPERIMENTAL SURGERY SYMPOSIUM

Thursday February 6th, 2020, 9:30 -16:30

Geneva University Hospitals (HUG)

Rue Alcide-Jentzer 17, 1205 Genève



Hôpitaux
Universitaires
Genève

Program

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9:30 Introduction

Prof. C. Toso

9:35 Cardio-Vascular Surgery and Anesthesia

Chairmen: C. Huber, Geneva / J.-M. Corpataux, Lausanne

Sodium Thiosulfate Limits the Development of Intimal Hyperplasia in Human Vein Segments and Mouse Models of Restenosis

F. Allagnat

Short-Term Low Protein, High Carbohydrate Regimen Protects against Kidney Ischemia-Reperfusion Injury

R. Emsley

Metabolic Benefits of Hydrogen Sulfide during Kidney Transplantation

A. Longchamp

Effects of Intra-Aortic Balloon on Coronary Blood Flow during Extra-Corporeal Membrane Oxygenation : in vitro assessment

P. Reymond

ARDS Models in the Large Animal

A. Dos Santos Rocha

10:50 Coffee Break

11:00 Research in Visceral Surgery in Zürich

Chairmen: R. Graf, Zürich / L. Bühler, Fribourg

Machine Perfusion

M. Müller

Pancreatic Cancer

S. Steiner

Morbid Obesity

D. Gero

Liver Regeneration after ALPPS Procedure

D. Birrer

12:00 Lunch Break

13:00 The 3R in the 2020s

Lecturer: Frédéric Schütz, PhD Center for Integrative Genomics Swiss Institute of Bioinformatics

13:30 Tissue Regeneration and Cell-based Therapy

Chairmen: B. Egger, Fribourg / D. Stroka, Bern

Molecular Signature, Metabolic Profile and Therapeutic Potential of Human Myogenic Stem Cells

T. Laumonier

Optimal Liver Metabolism and Proliferation Require the Tight Junction Claudin-3

F. Baier

Pancreas Replacement Therapy

C.-H. Wassmer

Nox4 and its Role in Myofibroblast Differentiation and Contraction in vitro

A. Sepiol

Platelet-induced cell signaling during liver regeneration

A. Balaphas

Generation of Ajuba knockout Mice by Pronuclear CRISPR/Cas9 Injection

N. Dommann

15:00 Coffee Break

15:15 Gut-Liver Axis and Microbiome Research

Chairmen: T. Berney, Geneva / C. Toso, Geneva

Effects of Porto-Systemic Shunts on Non-Alcoholic Fatty Liver Disease

A. Peloso

Gut Microbiota and Colorectal Surgery

M. Abbas

Altered Antigen-specific anti-Tumor Responses in a Mouse Model of Non-Alcoholic Steatohepatitis

S. Lacotte

Impact of Maternal NAFLD on the Offspring: a Story of Unusual Disease Transmission

B. Möckli

16:15 Closing Remarks and Farewell

Practical information

Organization

Pr Christian Toso, M.D., Head, Division of Visceral Surgery

Dr Lorenzo Orci, M.D., Senior Resident, Division of Visceral Surgery

Location

Geneva University Hospitals (HUG)

Auditoire Julliard

Rue Alcide-Jentzer 17, 1205 Genève

The Auditorium Julliard is also accessible through the main entrance of HUG

Registration

Free entry.

Registration to elisabeth.clement@hcuge.ch

Credits

Swiss Society of Surgery SGC/SSC: 6 CME points

Swiss Society of Anesthesiology and Reanimation SGAR/SSAR: 2 CME points

Swiss Association of Cantonal Veterinaries ASVC/ VSKT: 0.5 days of continuing education for animal experiments

