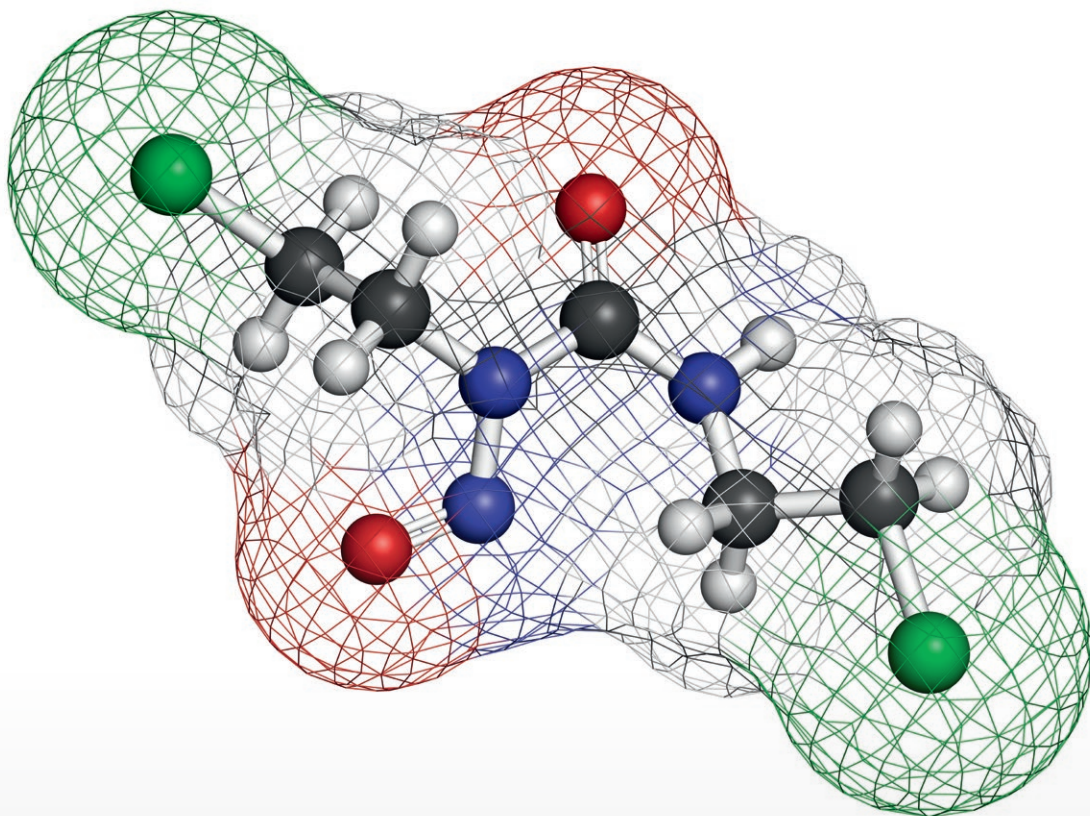


16TH SWISS EXPERIMENTAL SURGERY SYMPOSIUM

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

Geneva University Hospitals (HUG)

Rue Alcide-Jentzer 17, 1205 Genève



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Hôpitaux
Universitaires
Genève

Program

Thursday February 6th, 2020

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

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

