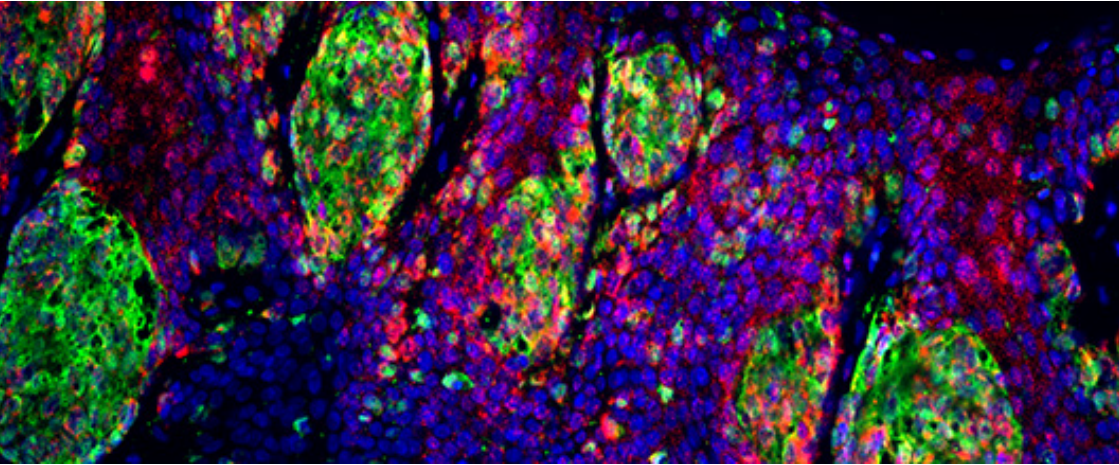




Charles Rodolphe
Brupbacher Foundation



JANUARY 30 - FEBRUARY 1, 2019 — ZURICH, SWITZERLAND

Charles Rodolphe Brupbacher Symposium 2019

Breakthroughs in Cancer Research and Therapy

Award ceremony of the Charles Rodolphe Brupbacher Prize

SYMPOSIUM PROGRAM

Dear Participant,

Welcome to the 14th Charles Rodolphe Brupbacher Symposium. During the coming two and a half days, you will hear talks from international speakers covering the current major topics in cancer research, including tumour cell heterogeneity, cancer epidemiology, targeting signalling pathways and the microenvironment as well as breakthroughs in cancer therapy.

During the Wednesday evening poster session, you will also have the opportunity to discuss the latest developments in the cancer field with the speakers and the authors of more than 100 posters.

On Thursday evening, an outstanding scientist who has made seminal contributions to an important cancer field will receive the highly-prestigious Charles Rodolphe Brupbacher Cancer Research Prize 2019.

We hope that you will enjoy the symposium and look forward to your active participation and stimulating discussions.



Nancy Hynes

Lukas Sommer

TUESDAY, JANUARY 29, 2019

19:00 – 20:00

Charles Rodolphe Brupbacher Public Lecture

Anne Müller: Mikrobielle Infektionen
als Ursache von Krebs

ETH Swiss Federal Institute of Technology,
Main Building, AudiMax (HG F 30)

WEDNESDAY, JANUARY 30, 2019

12:00 – 13:30

Registration and Sandwich Lunch

13:30 – 15:00

Cancer Cell Heterogeneity

Chair: Lukas Sommer, Zurich

Andreas Trumpp: A single cell view on stem cells and cancer

Alain Puisieux: Cellular plasticity and breast cancer heterogeneity

Nicola Aceto: Heterogeneity and vulnerabilities of circulating tumor cells

15:00 – 15:30

Coffee break

15:30 – 17:30

Genetics and Epigenetics

Chair: Lauri Aaltonen, Helsinki

Peter Lichter: From (epi) genomic profiling to clinical applications

Jean-Philippe Theurillat: Towards the understanding of genetically-defined subtypes of prostate cancer

Nada Jabado: Oncohistones: how to turn the cell's symphony into non-harmonic rap

G. Steven Bova: Evolution of lethal metastatic cancer at primary and metastatic sites: Can we identify what is important?

17:45 – 21:30

Posters, Beer and Pretzels

Evening for all participants

THURSDAY, JANUARY 31, 2019

08:00 – 08:30

Registration and Coffee

08:30 – 10:00

Big Data in Epidemiology and Cancer Research

Chair: Sir Alex Markham, Leeds

Richard J. Gilbertson: Multi-organ mapping of cancer origins

Ian R. Tomlinson: Inherited factors that influence cancer risk and behaviour

Serena Nik-Zainal: Insights from cancer genome sequencing: Utilising the totality of mutagenesis for clinical purposes

10:00 – 10:30

Coffee break

10:30 – 12:00

Signalling Pathways in Response & Resistance to Cancer Therapy

Chair: Nancy Hynes, Basel

Mike Hall: Mechanisms of Evasive Resistance in HCC

Daniel S. Peeper: Towards rational combinatorial cancer treatment – a functional genomics approach

Gerhard Christofori: Regulatory circuits in EMT, cell plasticity and cancer metastasis

12:00 – 13:30

Lunch and Coffee

13:30 – 15:00

Cancer Metabolism/Autophagy

Chair: Josef Jiricny, Zurich

Sean Morrison: Lactate exchange promotes oxidative stress resistance and melanoma metastasis

Pierre Close: Codon-specific mRNA translation regulation in cancer

Matthew Vander Heiden: Role of metabolism in supporting tumor progression

15:00 – 15:30

Coffee break

15:30 – 17:00

Tumour Microenvironment and Metastasis

Chair: Miriam Merad, New York

Karin de Visser: Dissecting tumor-genotype/immunophenotype relationships in metastatic breast cancer

Johanna Joyce: Exploring and exploiting the tumour microenvironment

Paul Frenette: Cancer regulation by the bone marrow microenvironment

17:15 – 18:30

Charles Rodolphe Brupbacher Prize for Cancer Research 2019

Award Ceremony

Public Event

18:45 – 19:15

Apéro

FRIDAY, FEBRUARY 1, 2019

08:00 – 08:30

Coffee

08:30 – 10:00

Breakthroughs in Cancer Therapy

Chair: Markus Manz, Zurich

Antoni Ribas: Overcoming resistance to PD-1 blockade therapy

Andrew W. Roberts: Targeting BCL2 as therapy for haematological malignancies: from concept to emerging clinical applications

Peter Hillmen: Curing CLL: A glimpse into the future of cancer treatment?

10:00 – 10:30

Coffee break

10:30 – 11:30

Breakthroughs in Cancer Biology

Chair: Holger Moch, Zurich

Bernd Bodenmiller: Highly multiplexed imaging of tissues with subcellular resolution by imaging mass cytometry

Nicola Valeri: Patient-derived organoids: promises, hurdles and potential clinical applications

11:30 – 12:00

Young Investigator Awards

Nancy Hynes and Lukas Sommer

Public Event

The selection will take place Wednesday evening (Posters, Beer and Pretzels), in the presence of the jury composed of the invited speakers and the Scientific Advisory Board. During the Symposium breaks the presenters are asked to be available for additional exchanges with the jury and with their colleagues.

12:15

End of Meeting

Poster abstract submission starts on September 1, 2018
and ends December 1, 2018
Registration until: January 27, 2019

CME Credits

(applications pending)

Kernfortbildungscredits AIM	13 points
SGMO	12 points
SGPath	12 points
SGH/SSH	13 points
VSKT	3 points

**Registration (free of charge) and
poster abstract submission:**
www.brupbacher-foundation.org

Symposium Organizers:

Nancy Hynes, Basel and
Lukas Sommer, Zurich

Registered Office

C. R. Brupbacher Foundation
Zollstrasse 2, P.O. Box 1611
9490 Vaduz, Principality of Liechtenstein

Symposium Location:

ETH Swiss Federal Institute of Technology,
Main Building, Rämistrasse 101, AudiMax (HG F 30)

Scientific Secretariat

Bahnhofstrasse 24, P.O. Box
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In collaboration with the University of Zürich

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