

Perspectives in Cancer Prevention

12-16 September 2016

Lausanne, Switzerland

Organizer: **Prof. Gian-Paolo Dotto, PhD Program in Cancer & Immunology, UNIL**
<http://www.unil.ch/cancer-immunology>

Location: **Room B301**, Main Entrance CIIL site: 155 Ch. Des Boveresses, CH-1066 Epalinges

SESSION 1: OUTSIDE DISTINGUISHED SPEAKERS

Monday, September 12, 2016

- 8:45-9:45** **Michael Karin, UCSD, USA**
Retrospective: "Inflammation and Cancer"
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- 10:00-11:00** **Michael Karin, UCSD, USA**
Research Seminar: "Recent Insights to the Etiology and Treatment of Hepatocellular Carcinoma".
- 11:00-11:15** **Break**
- 11:15-12:15** **Allan Balmain, UCSF, USA**
Retrospective: "The Ras gene family: oncogenes, tumor suppressors, and tumor susceptibility genes".
- 12:15-13:15** **Allan Balmain, UCSF, USA**
Research Seminar: "Genetic and cellular heterogeneity during evolution of metastatic skin cancer".
- 13:15-14:30** **Lunch**
- 14:30-15:30** **Raghu Kalluri, MD Anderson Cancer Center, Texas, USA**
Retrospective: "Stroma and Cancer"
- 15:30-16:00** **Break**
- 16:00-17:00** **Raghu Kalluri, MD Anderson Cancer Center, Texas, USA**
Research Seminar: "The biology and function of exosomes in cancer"

Tuesday, September 13, 2016

SESSION 2: GENERAL ISSUES IN CANCER PREVENTION

GENERAL POLICY ISSUES AND IMPLICATIONS

- 8:45-9:30** **G. Paolo Dotto**, UNIL
"Human populations and gender differences in Cancer Susceptibility"
- 9:30-10:15** **Vincent Mooser**, UNIL
"Personalised medicine perspectives in Cancer Prevention"
- 10:15-10:30** **Break**
- 10:30-11:15** **Fred Bosman**, UNIL
"Pathology and Medical Education in Cancer Prevention"
- 11:15 -11:45** **Adriana Albini**, IRCCS MultiMedica - Sesto San Giovanni - Italy
"Chemoprevention"
- 11:45-12:30** **Pietro Presti**, Fondo Edo Tempia, Italy
"Public-Private-Partnership (PPP) and Cancer Prevention"
- 12:00-14:00** **Lunch**

ENDOCRINE DISRUPTORS

- 14:00-15:00** **Cathrin Brisken**, EPFL
"Hormones; global factors acting locally"
- 15:00-16:00** **Ariane Giacobino**, University Hospital Geneva
"Epigenetic changes linked to environmental exposures: the example of testicular dysgenesis syndrome"
- 16:00-17:00** **Walter Wahli**, Nanyang Technological University, Singapore
"The nuclear receptor superfamily: multifaceted roles"

Wednesday, September 14, 2016

CANCER EPIDEMIOLOGY

9:00-10:00 **Murielle Bochud**, Institute of Social and Preventive Medicine, Lausanne
"Methods in Cancer Epidemiology"

10:00-11:00 **Murielle Bochud and Rafael Blanc Moya**, Institute of Social and Preventive
Medicine, Lausanne
"Cancer Burden and Cancer Registry"

11:00-12:00 **Jean-Luc Bulliard**, Institute of Social and Preventive Medicine, Lausanne
"Cancer Prevention and Screening"

Lunch Research Seminar

12:00-13:00 **Sabine Rohrmann**, Epidemiology, Biostatistics and Prevention Institute, Zürich
"Cancer and Diet"

13:00-14:00 **Break**

**WORKSHOP ON CERVICAL CANCER AS A PARADIGM FOR CANCER PREVENTION IN THE
DEVELOPING WORLD**

14:00-14.30 **Megan J. Huchko**, UCSF, USA
*"Challenges and Opportunities for Cervical Cancer Prevention in the Developing
World"*

14.30-15:00 **Roland Sahli**, UNIL
*"How to implement affordable diagnostic tests for CC screening, including
HPV genotyping and vaccine"*

15:00-15.30 **Break**

15.30-16:00 **Zacharie Sando**, University of Yaounde, Cameroon
"Cervical cancer prevention in low and medium resource settings: lessons learned"

16:00-16.30 **Nelly Yatic**, RCTP-FACES, Nairobi, Kenya
*"Knowledge gaps and on-going research on strategies for prevention of cervical
cancer in sub-Saharan Africa"*

16.30-17:00 **Stefano Guzzetti**, Ospedale Martini - ASLTO1, Turin, Italy - APOF member
"The role of telepathology in managing cytology-based cervical screening programs in low resource settings"

17:00-17.30 **Dr. Bruce Patterson**, IncellDx, California, USA

SESSION 3: PREVENTION OF SPECIFIC CANCER TYPES (STUDENTS PRESENTATIONS)

Thursday, September 15, 2016

9:00-10:00 **Massimo Bongiovanni**, CHUV
"Cytological diagnosis of premalignant squamous cancer: differences and similarities at different body sites"

10:00-12:00 **Head/Neck Cancer: risk factors, multiple primary and recurrent tumors, early detection, prognostic markers and treatment.**

Christian Simon, UNIL

Students:

- Risk factors, early detection, and prevention
- Secondary primaries and recurrent disease
- General treatment principals

12:00-13:00 ***Lunch Research Seminar***
Dr. Rajiv.C. Michael, Head and Neck surgery Unit, Vellore, India
"HNSCC in India: Treatment, risk factors, and prevention"

13:00-14:00 **Break**

14:00-16:00 **Skin cancer: risk factors, multiple primary and recurrent tumors, early detection, prognostic markers and treatment**

Günther Hofbauer, University Hospital Zürich and **Daniel Hohl**, CHUV

Students:

- Risk factors, early detection, and prevention
- Secondary primaries and recurrent disease
- General treatment principles

Friday, September 16, 2016

9:00-12:00 Breast Cancer: Risk factors and premalignant lesions.

Cathrin Brisken, EPFL and Maryse Fiche, CHUV

Students:

- Risk factors, early detection, and prevention
- Secondary primaries and recurrent disease
- General treatment principals

12:00-13:00 *Lunch Research Seminar*
Michael Evans, Affymetrix, UK, Ltd.

13:00-14:00 Break

14:00 - 16:00 Colon cancer: risk factors, multiple primary and recurrent tumors, early detection, prognostic markers and treatment

Tatiana Petrova, UNIL and Olivier Dormond, CHUV

Students:

- Risk factors, early detection, and prevention
- Secondary primaries and recurrent disease
- General treatment principals

Keywords: risk factors, early detection, molecular subtypes, prognostic markers, treatment approaches

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English will be the only language of the course. Attendance to all distinguished lectures is considered part of the course and is therefore mandatory for the students. A sign-up sheet will be circulated each session. It is the students' responsibility to ensure that they sign it as proof of attendance. If they cannot do so, for example, because of a scientific meeting etc., they should notify the organizers in advance. A student who misses more than one session will be considered to have failed the course. Students are required to:

- 1) Meet with local experts in preparation of the course in order to give a lecture on an assigned topic;
- 2) Provide a corresponding summary document (1-2 pages long) at least 1 week in advance to be circulated among participants;
- 3) Participate actively in the discussions for the rest of the lectures.

ECTS: 4 credits