

SCIENTIFIC RETREAT 2019

Comprehensive Cancer Center Zurich

MARCH 24-26TH, 2019 // SEEBLICK HÖHENHOTEL // HUGENSTRASSE 24 // CH-6376 EMMETTEN

24. MAR 2019

15:15-17:00 BUS TOUR FROM ZURICH HB TO EMMETTEN

17:00-17:30 ARRIVAL // REGISTRATION // WELCOME SNACK

17:30-18:00 **CRC MEMBERS' ASSEMBLY** ROOM WALDHORNSAAL

18:00-18:10 **WELCOME** ROOM WALDHORNSAAL
ANNE MÜLLER & MARKUS MANZ

18:10-18:40 **AWARD PRESENTATION** ROOM WALDHORNSAAL

2019 IDA DE POTTÈRE-LEUPOLD AND DR. IUR. ERIK DE POTTÈRE CANCER RESEARCH AWARD

Under the umbrella of the Comprehensive Cancer Center Zurich

2019 AWARD FOR SCIENTISTS/PHYSICIAN-SCIENTISTS:

EWELINA KRZYWINSKA, INSTITUTE OF ANATOMY, UZH // LAUDATIO: ANNE MÜLLER

2019 AWARD FOR DOCTORAL STUDENTS:

JONAS SCHMID, INSTITUTE OF MOLECULAR CANCER RESEARCH, UZH // LAUDATIO: MARKUS MANZ


18:45-20:00 DINNER RESTAURANT

20:00-22:00 **POSTER SESSION I (POSTERS 1-45)** ROOM SEEBLICKSAAL

25. MAR 2019

SESSION I: TUMOR IMMUNOLOGY ROOM WALDHORNSAAL

CHAIR: MARIES VAN DEN BROEK

8:00-10:00		
8:00-8:30	KEY NOTE LECTURE - MICHELE DE PALMA SWISS INSTITUTE FOR EXPERIMENTAL CANCER RESEARCH (ISREC), SCHOOL OF LIFE SCIENCES, SWISS FEDERAL INSTITUTE OF TECHNOLOGY (EPFL), LAUSANNE, SWITZERLAND	INTERPLAY BETWEEN TUMOR-DERIVED EXTRACELLULAR VESICLES AND IMMUNITY IN CANCER
8:30-8:45	LAURA DUCIMETIÈRE - INSTITUTE OF EXPERIMENTAL IMMUNOLOGY, UZH	ROLE OF NK CELLS IN DEVELOPMENT AND PROGRESSION OF LIVER METASTASIS (I)
8:45-9:00	GIULIA LUCCHIARI - INSTITUTE OF EXPERIMENTAL IMMUNOLOGY, UZH	THE ROLE OF NK CELLS IN DEVELOPMENT AND PROGRESSION OF LIVER METASTASIS (II)
9:00-9:15	EGLE RAMELYTE – DEPARTMENT OF DERMATOLOGY, USZ	ONCOLYTIC VIROTHERAPY IN CUTANEOUS LYMPHOMA
9:15-9:30	SANDRA RING - INSTITUTE OF IMMUNOBIOLOGY, KANTONSSPITAL ST. GALLEN	IMMUNOTHERAPY WITH A PROPAGATING LCMV- BASED VECTOR OVERCOMES T CELL TOLERANCE TO MELANOMA ANTIGENS
9:30-9:45	LINDA SCHADT - INSTITUTE OF EXPERIMENTAL IMMUNOLOGY, UZH	CANCER CELL-INTRINSIC CGAS EXPRESSION MEDIATES TUMOR IMMUNOGENICITY
9:45-10:00	CHENG-GUANG WU - INSTITUTE OF PATHOLOGY AND MOLECULAR PATHOLOGY, USZ	PROGNOSTIC STRATIFICATION OF MALIGNANT PLEURAL EFFUSION PATIENTS BY IMMUNE PROFILING

10:00-10:30 COFFEE BREAK & NETWORKING



Universität
Zürich



UniversitätsSpital
Zürich



uniklinik
balgrist


ETH zürich



cancer biology
phd program

SESSION II: CRC FELLOWS AND PROJECTS [ROOM WALDHORNSAAL](#)


CHAIR: MICHAEL HOTTIGER

10:30-12:15		
10:30-10:45	PROJECT A. MÜLLER/T. ZENZ CHRISTOPHE BOUDESCO	EXPLORING TRISOMY 12 IN B CELL MALIGNANCIES
10:45-11:00	PROJECT M. HOTTIGER/P. SCHRAML FABIO AIMI	VALIDATION OF MONO-ADP-RIBOSYLATED PROTEINS AS DIAGNOSTIC AND PROGNOSTIC TOOL IN ONCOLOGY
11:00-11:15	PROJECT M. VAN DEN BROEK/L. FLATZ OLTIN T. POP	TERTIARY LYMPHOID STRUCTURES IN METASTATIC MELANOMA AND NON-SMALL CELL LUNG CANCER TISSUES AS PREDICTIVE MARKERS FOR THE OUTCOME OF CHECKPOINT INHIBITOR TREATMENT
11:15-11:30	PROJECT M. LEVESQUE/M. GUCKENBERGER LUCAS BASLER	IMMUNO-RADIOMICS AS A NOVEL PROGNOSTIC AND PREDICTIVE BIOMARKER IN MALIGNANT MELANOMA TREATED WITH IMMUNE CHECKPOINT INHIBITION – A MULTI-SYSTEMS APPROACH
11:30-11:45	PROJECT L. SOMMER/R. DUMMER JELENA VASILEVSKA	INVESTIGATING CELLULAR PHENOTYPES IN MELANOMA PROGRESSION AND TARGETED THERAPY WITH A FOCUS ON CILIA IN TUMOR PROGRESSION
11:45-12:00	PROJECT M. LOPES/A. WEBER LAURE-ALIX CLERBAUX	DECIPHERING TUMORIGENESIS DRIVEN BY REPLICATION-ASSOCIATED DNA DAMAGE
12:00-12:15	PROJECT O. BOYMAN/M. PRUSCHY MARTIN PRUSCHY	COMBINED RADIOIMMUNOTHERAPY TO OVERCOME TREATMENT-RELATED RESISTANCE OF CANCERS

12:15-13:30 LUNCH & NETWORKING [RESTAURANT](#)

SESSION III: EPIGENETICS, GENETICS AND GENOMICS [ROOM WALDHORNSAAL](#)


CHAIR: HOLGER MOCH

13:30-15:30		
13:30-14:00	KEY NOTE LECTURE - NICOLO RIGGI DEP. OF EXPERIMENTAL PATHOLOGY, UNIVERSITY HOSPITAL OF LAUSANNE, CHUV, LAUSANNE, SWITZERLAND	THE EPIGENETIC LANDSCAPE OF EWING SARCOMA AND BEYOND
14:00-14:15	MATTHIAS ALTMAYER - DEPARTMENT OF MOLECULAR MECHANISMS OF DISEASE, UZH	UNCOVERING CELLULAR MECHANISMS OF DRUG SENSITIVITY AND RESISTANCE BY MULTIDIMENSIONAL FLUORESCENCE MICROSCOPY
14:15-14:30	MATTEO BERTI - INSTITUTE OF MOLECULAR CANCER RESEARCH, UZH	BEYOND DOUBLE-STRAND BREAK REPAIR: SPECIFIC MECHANISMS OF HOMOLOGOUS RECOMBINATION AT STRESSED REPLICATION FORKS
14:30-14:45	PAVEL JANSČAK - INSTITUTE OF MOLECULAR CANCER RESEARCH, UZH	MECHANISTIC INSIGHTS INTO RESOLUTION OF TRANSCRIPTION-REPLICATION CONFLICTS IN HUMAN CELLS
14:45-15:00	FRANZISKA WALSER - INSTITUTE OF MOLECULAR CANCER RESEARCH, UZH	UBIQUITIN PHOSPHORYLATION LIMITS 53BP1 RECRUITMENT TO DAMAGED CHROMATIN
15:00-15:15	RODRIGO PEÑA-HERNÁNDEZ - DEPARTMENT OF MOLECULAR MECHANISMS OF DISEASE, UZH	PHARMACOLOGICAL TARGETING OF THE EPIGENETIC READER TIP5-BROMODOMAIN IMPAIRS PROSTATE CANCER STEM CELLS
15:15-15:30	CLAUDIA CORRÒ - INSTITUTE OF PATHOLOGY AND MOLECULAR PATHOLOGY, USZ	IL-8 AND CXCR1 EXPRESSION IS ASSOCIATED WITH CANCER STEM CELL-LIKE PROPERTIES OF RENAL CANCER CELLS

15:30-16:00 COFFEE BREAK & NETWORKING

SESSION IV: TRANSLATIONAL AND CLINICAL CANCER RESEARCH ROOM WALDHORNSAAL

CHAIR: MARKUS MANZ

16:00-18:00		
16:00-16:30	KEY NOTE LECTURE - SAAR GILL DIVISION OF HEMATOLOGY-ONCOLOGY, DEPARTMENT OF MEDICINE, UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PENNSYLVANIA, USA	GENETIC INACTIVATION OF CD33 IN HEMATOPOIETIC STEM CELLS TO ENABLE CAR T CELL IMMUNOTHERAPY FOR AML
16:30-16:45	ROLF STAHEL – CCCZ, USZ	THE COMPREHENSIVE CANCER CENTER ZURICH
16:45-17:00	ISABELLE OPITZ - DEPARTMENT OF THORACIC SURGERY, USZ	FIRST REPORT ON SAFETY OF INTRACAVITARY CISPLATIN-FIBRIN LOCALIZED CHEMOTHERAPY AFTER PLEURECTOMY/DECORTICATION FOR THE TREATMENT OF PATIENTS WITH MALIGNANT PLEURAL MESOTHELIOMA (INFLUENCE-MESO I), A PHASE I STUDY
17:00-17:15	MAX MENDEZ LOPEZ - DEPARTMENT OF ONCOLOGY AND HEMATOLOGY, KANTONSSPITAL ST GALLEN	PRECLINICAL INVESTIGATION OF CARDIOTOXICITY AS A CLINICALLY-RELEVANT SIDE EFFECT OF PROTEASOME INHIBITOR THERAPY
17:15-17:30	STEPHANIE KROEZE - DEPARTMENT OF RADIATION ONCOLOGY, USZ	STEREOTACTIC RADIOTHERAPY CONCURRENT TO IMMUNE- OR TARGETED THERAPY FOR OLIGOMETASTATIC NSCLC: CLINICAL SCENARIOS AFFECTING SURVIVAL
17:30-17:45	KURT JACOBS - INSTITUTE OF MOLECULAR CANCER RESEARCH, UZH	DNA REPLICATION FORK REMODELING AND STABILITY IN UNPERTURBED AND STRESS- INDUCED HEMATOPOIESIS
17:45-18:00	RALPH M. FRITSCH - DEPARTMENT OF MEDICAL ONCOLOGY AND HEMATOLOGY, USZ	GENERATION OF A LIVING BIOBANK OF PATIENT- DERIVED PANCREATIC CANCER ORGANOIDS: CHALLENGES AND POTENTIAL APPLICATIONS

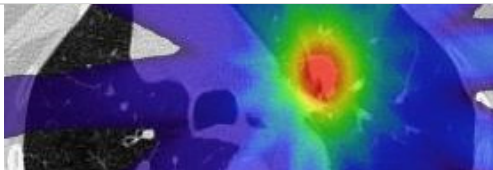
18:30-20:00 DINNER RESTAURANT

20:00-22:00 **POSTER SESSION II (POSTERS 46-93)** ROOM SEEBLICKSAAL

26. MAR 2019

SESSION V: IMAGING & TECHNOLOGY DEVELOPMENT ROOM WALDHORNSAAL

CHAIR: MATTHIAS GUCKENBERGER

8:00-10:00		
8:00-8:30	KEY NOTE LECTURE - GILBERT FRUHWIRTH DEPARTMENT OF IMAGING CHEMISTRY AND BIOLOGY, SCHOOL OF BIOMEDICAL ENGINEERING AND IMAGING SCIENCES KING'S COLLEGE LONDON	IN VIVO TRACKING OF CELL-BASED IMMUNOTHERAPIES: WHY DO WE NEED IT AND HOW CAN WE ACHIEVE IT?
8:30-8:45	MARTIN BAUMGARTNER – ONCOLOGY, UNIVERSITY CHILDREN'S HOSPITAL	RATIONAL TARGETING OF PRO-INVASIVE FGFR SIGNALLING IN MEDULLOBLASTOMA
8:45-9:00	DILARA AKHOUNDOVA - DEPARTMENT OF MEDICAL ONCOLOGY AND HEMATOLOGY, USZ	PSEUDOPROGRESSION OF BRAIN METASTASIS UPON ANTI-PD1 AND RADIOTHERAPY: DYNAMIC ¹⁸ F-FET-PET DISCRIMINATES FROM REAL PROGRESSION

9:00-9:15	URS GREBER - INSTITUTE OF MOLECULAR LIFE SCIENCES, UZH	FLUORESCENCE MICROSCOPY AND MACHINE-LEARNING ENHANCE THE CONCEPTS OF ONCOLYTIC VIRUSES IN VITRO
9:15-9:30	MARTA BOGOWICZ - DEPARTMENT OF RADIATION ONCOLOGY, USZ	PRIVACY-PRESERVING DISTRIBUTED LEARNING OF RADIOMICS TO PREDICT OVERALL SURVIVAL AND HPV STATUS IN HEAD AND NECK CANCER
9:30-9:45	DIEM VUONG - DEPARTMENT OF RADIATION ONCOLOGY, USZ	CT IMAGE STANDARDIZATION IS SUPERIOR TO LARGER BUT HETEROGENEOUS DATASETS FOR ROBUST RADIOMIC MODELS
9:45-10:00	KARINA SILINA - INSTITUTE OF EXPERIMENTAL IMMUNOLOGY, UZH	HARNESSING LYMPHOID NEOGENESIS FOR PROGNOSIS AND TREATMENT OF SOLID TUMOURS

10:00-10:30 COFFEE BREAK & NETWORKING

SESSION VI: ONCOGENIC SIGNALING ROOM WALDHORNSAAL

CHAIR: ANNE MÜLLER

10:30-12:30		
10:30-11:00	KEY NOTE LECTURE - MANUELA BACCARINI CENTER FOR MOLECULAR BIOLOGY, UNIVERSITY OF VIENNA, MAX F. PERUTZ LABORATORIES AT THE VIENNA BIOCENTER, VIENNA, AUSTRIA	NOT YOUR AVERAGE KINASES MOONLIGHTING FUNCTIONS OF ERK PATHWAY COMPONENTS
11:00-11:15	MICHAEL BAUER - INSTITUTE OF MOLECULAR CANCER RESEARCH, UZH	UNRAVELING THE MECHANISMS OF H. PYLORI- INDUCED DNA DOUBLE-STRAND BREAKS
11:15-11:30	TAMARA KAZIMOVA - LABORATORY FOR APPLIED RADIOBIOLOGY, USZ	IDENTIFICATION OF BIOLOGICALLY ACTIVE FACTORS IN IONIZING RADIATION REGULATED SECRETOME
11:30-11:45	KAROLINA PIETRZAK - DEPARTMENT OF MOLECULAR MECHANISMS OF DISEASE, UZH	MODELING OF PROSTATE CANCER HETEROGENEITY WITH ORGANOID TECHNOLOGY TO DISSECT TP53 FUNCTION IN PROSTATE CANCER
11:45-12:00	ANIKA TRENNER - INSTITUTE OF MOLECULAR CANCER RESEARCH, UZH	DESIGNING PEPTIDE INHIBITORS TARGETING DSB RESECTION AND REPAIR
12:00-12:15	MATTHEUS WILDSCHUT - EXPERIMENTAL HEMATOLOGY, USZ AND INSTITUTE OF MOLECULAR SYSTEMS BIOLOGY, ETH	THE CONSEQUENCE OF CALR MUTATIONS ON PROTEOSTASIS IN MYELOPROLIFERATIVE NEOPLASMS
12:15-12:30	MARC HEALY – INSTITUTE OF PATHOLOGY AND MOLECULAR PATHOLOGY, USZ	MCL-1 PRESERVES INTESTINAL MUCOSAL INTEGRITY PROTECTING AGAINST INTESTINAL INFLAMMATION AND CARCINOGENESIS INDEPENDENT OF THE MICROBIOME

12:30 WRAP-UP, POSTER PRIZES, MEETING ADJOURNES ROOM WALDHORNSAAL

13:00 LUNCH SNACKS & DEPARTURE

13:45 BUS TOUR FROM EMMETTEN TO ZURICH HB