

**EDUCATIONAL COURSE:
Preclinical and early-phase clinical pharmacology
6th February 2019**



**40th EORTC-PAMM Winter Meeting
7th – 9th February 2019**

**Palazzo della Gran Guardia, piazza Bra
Verona - Italy**

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EDUCATIONAL COURSE: PRECLINICAL AND EARLY-PHASE CLINICAL PHARMACOLOGY

Chairs: Paola Perego, Molecular Pharmacology Unit, Istituto Nazionale dei Tumori Milano, Italy
Godefridus J. Peters, Laboratory Medical Oncology, VU University Medical Center, Amsterdam, The Netherlands

9.00-9.25 **How to perform pharmacological studies in vitro**
Paola Perego, Molecular Pharmacology Unit, Istituto Nazionale dei Tumori Milano, Italy

9.25-9.50 **To combine or not to combine: drug interactions and tools for their analysis**
Godefridus J. Peters, Laboratory Medical Oncology, VU University Medical Center, Amsterdam, The Netherlands

9.50-10.15 **Realistic preclinical approaches: hypoxia and 3D models**
Roger Phillips, School of Applied Sciences, University of Huddersfield, Huddersfield, UK

10.15-10.30 *Coffee break*

10.30-10.55 **How to navigate among the -OMICS data and their correlation with pharmacological data**
Giovanni Ciriello, Department of Computational Biology, University of Lausanne, Lausanne, Switzerland

10.55-11.20 **Drug development, after the NCI-compounds initiative**
Hans Hendriks, Hendriks Pharmaceutical Consulting, Purmerend, The Netherlands

11.20-11.45 **Neighborhood matters: new tools and practical approaches for co-culturing cancer cells**
Elisa Giovannetti, Laboratory Medical Oncology, VU University Medical Center, Amsterdam, The Netherlands

11.45-12.45 **Practical session on data analysis and technical aspects**

12.45-13.45 *Lunch*

- 13.45-14.45 **Practical session on OMICS data**
- 14.45-15.00 **Introduction to pharmacometrics**
Georg Hempel, Institut für Pharmazeutische und Medizinische Chemie, -
Klinische Pharmazie, Westfälische Wilhelms-Universität Münster, Münster,
Germany
- 15.00-15.25 **Pharmacometrics with immunotherapy**
Joseph Ciccolini, Pharmacokinetics Laboratory, Centre de Recherche en
Cancérologie de Marseille, Aix-Marseille Université, Marseille, France
- 15.25-15.50 **PK, PD, first dose and schedule selection in phase I**
Eric Raymond, Oncologie Médicale, Centre Hospitalier Paris Saint-Joseph
Paris, France
- 15.50-16.05 *Coffee break*
- 16.05-16.30 **New types of clinical studies**
Axel Hanauske, Global Early Drug Development Lilly Oncology, Germany
- 16.30-17.30 **Final discussion with Q&A**
- 19.00 **EORTC-PAMM Winter Meeting, Welcome Cocktail**

THURSDAY 7TH FEBRUARY

SESSION I: THE MODERN LANDSCAPE AND NEW AVENUES IN THE TREATMENT OF MALIGNANCIES

Chairs: Erik Raymond, France and Nadia Zaffaroni, Italy

8.30-9.00	Inhibitors of deubiquitinases: from preclinical to clinical studies Stig Linder, Karolinska Institute, Linköping University, Sweden
9.00-9.30	Host-Microbe Co-metabolism and Cancer Drug Efficacy Filipe Cabreiro, Birkbeck University of London, United Kingdom
9.30-10.00	The role of the microbiome in immunotherapy Lisa Derosa, Institut Gustave Roussy, France
10.00-10.30	Metabolic Hallmarks of Tumor and Immune Cells in the Tumor Microenvironment. Marina Kreutz, University of Regensburg, Germany
10.30-11.00	<i>Coffee break, poster viewing</i>
11.00-11.30	Next generation histopathological diagnosis: from omics to clinical applications Aldo Scarpa, University of Verona, Italy
11.30-12.00	Does the dose of monoclonal antibody make matter? Etienne Chatelut, University of Toulouse, France
12.00-12.30	Is pharmacometrics the missing link of immunotherapy? Joseph Ciccolini, University of Marseille, France
12.30-13.00	The immune suppressive myeloid environment in cancers Vincenzo Bronte, University of Verona, Italy
13.00-14.00	<i>Lunch, , poster viewing</i>

SESSION II: GASTRO-INTESTINAL CANCERS

Chairs: Annette Larsen, France and Alfredo Guglielmi, Italy

14.00-14.30	Introductory remarks Elizabeth Smyth, Cambridge University Hospital NHS Foundation Trust, UK
14.30-15.00	TAK-ing aim at chemoresistance: the role of TGF beta pathway as therapeutic target in digestive tumors Davide Melisi, University of Verona, Italy
15.00-15.30	TGF-β induces miR-100 and miR-125b but blocks let-7a through LIN28B controlling PDAC progression Adam Frampton, Imperial College of London, UK
15.30-16.00	The new ESMO-EURACAN clinical practice guidelines for diagnosis, treatment and follow-up of gastrointestinal stromal tumours Iwona Lugowska, MSCMI, Warsaw, Poland
16.00-16.30	<i>Coffee break, , poster viewing</i>
16.30-17.00	New therapeutic opportunities from DNA damage repair to immunotherapy in pancreatic cancer Giampaolo Tortora, University of Verona, Italy
17.00-17.30	Surgery as adjuvant treatment in pancreatic cancer? Claudio Bassi, University of Verona, Italy

SATELLITE SYMPOSIUM SERVIER (NO ECM)

Chair: Andrea Bonetti, Italy

17.30-18.15	Present and future of Trifluridine/Tipiracil Mario Scartozzi, University of Cagliari, Italy
18.15-18.45	Presentation of three clinical cases Alessandra Auriemma, Italy Michele Pavarana, Italy Jacopo Giuliani, Italy
18.45-19.00	Discussion and closure

FRIDAY 8TH FEBRUARY

SESSION III: NEW CHALLENGES IN DRUG'S RESISTANCE MECHANISMS

Chairs: Steve Howell, USA and Paola Perego, Italy

8.30-9.00	Synthetic viability – mechanisms of drug resistance in BRCA1/2-deficient mouse mammary tumors Sven Rottenberg, University of Bern, Switzerland
9.00-9.30	Evolution and characterization of carboplatin resistance at single cell resolution Oliver Harismendy– UCSD, La Jolla, CA, USA
9.30-10.00	Oncogenic Signaling Pathways and Chemoresistance in The Cancer Genome Atlas Giovanni Ciriello, University of Lausanne, Switzerland
10.00-10.30	<i>Coffee break, , poster viewing</i>
10.30-12.15	Oral Communications
	The economic impact of biosimilars in Oncology and Hematology: the case of trastuzumab and rituximab. Jacopo Giuliani and Andrea Bonetti, Azienda ULSS 9 Scaligera Ospedale di Legnago Verona, Italy
	New paradigms in the treatment of advanced renal cell carcinoma Camillo Porta Fondazione Maugeri Pavia, Italy

LECTURE **ECM**

12.15-13.00	Mutational model in oncology: a new paradigm for the future? Nello Martini, Presidente Fondazione Ricerca e Salute, Italy
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13.00-14.00	<i>Lunch, poster viewing</i>
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SESSION IV: THORACIC CANCERS

Chairs: Alberto Amadori, Italy and Michele Milella, Italy

14.00-14.30	Introductory remarks Benjamin Besse, Gustave Roussy Cancer Campus, Paris, France
14.30-15.00	Oncogene-Addicted Non-Small-Cell Lung Cancer: Treatment Opportunities and Future Perspectives Emilio Bria, Catholic University of Rome, Italy
15.00-15.30	Splicing modulation as novel therapeutic strategy against diffuse malignant pleural and peritoneal mesothelioma Elisa Giovannetti, Dept. Medical Oncology CCA, Amsterdam, The Netherlands
15.30-16.00	<i>Coffee break</i>
16.00-17.15	Oral Communications (NO ECM)

LECTURE **ECM**

17.15-18.00	Cancer in movies and literature Luciano Defiore, Università Sapienza, Roma, Italy
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18.00 PAMM meeting **NO ECM**

20.30 *Social Dinner*

SATURDAY 9TH FEBRUARY

SESSION V: BREAST CANCER

Chairs: Franco Muggia, USA and Stefania Gori, Italy

8.30-9.00	Introductory remarks Etienne Brain, Institut Curie, Hopital Rene Huguenin, Paris, France
9.00-9.30	Closing the gap between precision biology and personalized cancer medicine: the example of HER2 positive early breast cancer Pierfranco Conte, Istituto Oncologico Veneto and University of Padua, Italy
9.30-10.00	Multi-gene testing: from tissue to liquid biopsy in breast cancer Gabriele Zoppi, University of Genova, Italy
10.00-10.15	Optimizing CDK 4/6 inhibitors in Breast cancer Andrea Bonetti, Italy
10.15-10.30	<i>Coffee break</i>

SESSION VI: HAEMATOLOGICAL MALIGNANCIES

Chairs: Giovanni Martinelli and Fabio Benedetti, Italy

10.30-11.00	Current advancements and future challenges in paediatric haematology oncology Simone Cesaro, University Hospital of Verona, Italy
11.00-11.30	Targeting bone marrow stromal support to haematological malignancies Mauro Krampera, University of Verona, Italy
11.30-12.00	Pharmacometric considerations in the treatment of leukaemia in children Georg Hempel, University of Münster, Germany

THE BURGER-KELLAND LECTURE

12.00-12.45	From targeted therapy to targeted therapy Godefridus J. Peters, The Netherlands
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12.45 POSTER PRIZE AND CLOSURE

MEETING PLANNER

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