



PDX models in preclinical oncology and cancer precision medicine

27th-29th June 2022

Hotel Zuiderduin

Egmond aan Zee, The Netherlands

Registration: Room 523 (Floor 1)

Plenary sessions: Abdijzaal (Floor 1)

Coffee breaks, sponsors, poster sessions: Lounge 2 (Floor 1)

Monday, June 27

15:00 - 16:00	Registration (Room 523) - Coffee & Setup of Posters and Exhibition (Lounge 2)	
16:00 – 18:20	Keynote (Abdijzaal) Chairs: Mohamed Bentires-Alj (University of Basel, Switzerland) & Jos Jonkers (Netherlands Cancer Institute, The Netherlands)	
16:00 -16:10	Opening Mohamed Bentires-Alj (University of Basel, Switzerland) & Jos Jonkers (Netherlands Cancer Institute, The Netherlands)	10'
16:10 -16:55	Hayley Francies, Wellcome Sanger Institute, UK <i>Keynote Lecture 1: Tumour Organoid Cultures as a Platform for Functional Genomics</i>	45'
16:55 - 17:40	Tala Tayoun, Gustave Roussy, France <i>Keynote Lecture 2: CTC-derived models: Insight into the biology of metastatic progression and its therapeutic targeting</i>	45'
17:40 - 18:00	Daniela Conticelli, University of Torino, Candiolo Cancer Institute IRCCS, Italy <i>Selected abstract: Modelling tumor evolution of microsatellite unstable gastric cancer</i>	20'
18:00 - 18:20	Charles Theillet, Institut de Recherche en Cancérologie de Montpellier, France <i>Selected abstract: Characterization of residual tumor of platinum-sensitive ovarian carcinoma using PDX</i>	20'
19:00-20:30	Dinner buffet (Hotel Zuiderduin, Restaurant)	
20:30-22:00	Poster Session with free drinks – Parallel demos of the EurOPDX Data Portal and iVention (Bronze sponsor) (Lounge 2)	

Tuesday, June 28

7:00-9:00	Breakfast (Hotel Zuiderduin, Restaurant) & Registration (Room 523, 8:30-9:00)	
9:00-12:05	Session 1: PDX model initiatives, collections & standards (Adijzaal) <i>Chair: Enzo Medico (University of Torino, Candiolo Cancer Institute IRCCS, Italy)</i>	
9:00	Christine Desmedt, Katholieke Universiteit Leuven, Belgium <i>Post-mortem tissue donation as an underexplored opportunity to generate new cancer models</i>	25'
9:25	Ludovic Bigot, Gustave Roussy, France <i>MATCH-R, a preclinical platform of models resistant to innovative therapies</i>	25'
9:50	Elisabetta Marangoni, Institut Curie, France <i>Predictors of platinum response in PDX models of triple-negative breast cancer</i>	25'
10:15-10:45	Coffee break & Exhibition (Lounge 2)	
10:45	Zinaida Perova, EMBL-EBI, UK <i>PDCM Finder: An open global cancer research platform for patient-derived cancer models</i>	25'
11:10	Marieke van de Ven, Netherlands Cancer Institute, The Netherlands & Emilie Vinolo, seeding science SRL, Belgium <i>Towards a EurOPDX Research Infrastructure providing access to PDX models: Standards & First results from cross-validation study in RI nodes</i>	25'
11:35	Laia Monserrat, Vall d'Hebron Institute of Oncology, Spain <i>Selected abstract: Antitumor activity of the SARM RAD140 in hormone-independent estrogen receptor-positive breast cancer patient-derived xenografts</i>	15'
11:50	Daniela Annibali, Katholieke Universiteit Leuven, Belgium <i>Selected abstract: Serine metabolism remodeling after platinum-based chemotherapy identifies vulnerabilities in a subgroup of resistant ovarian cancer patients</i>	15'
12:05-13:30	Buffet lunch (Restaurant) & Posters/Exhibition (Lounge 2)	
13:30-15:25	Session 2: Advances in <i>in vitro/ex vivo</i> platforms for drug screening <i>Chair: Rob Clarke (University of Manchester, UK)</i>	
13:30	Sander Basten, Crown Bioscience Netherlands (Gold Sponsor) <i><i>in vitro</i> drug testing with organoids and patient tissues</i>	25'
13:55	Daniela Thommen, Netherlands Cancer Institute, The Netherlands <i>Dissecting and modulating anti-tumor immunity using patient-derived tumor fragments</i>	25'
14:20	Dik van Gent, Erasmus MC, The Netherlands <i>Cancer tissue slices on chip</i>	25'
14:45	Alessandro Carugo, Istituto di Ricerche di Biologia Molecolare, Rome, Italy <i>At the crossroads of PDX models, functional genomics and drug screening</i>	25'
15:10	Annelies van Hemelryk, Erasmus MC, The Netherlands <i>Selected abstract: Standardization of viability assays and high-content live-cell imaging protocols for large-scale drug testing in prostate cancer PDX-derived organoids</i>	15'
15:25-16:00	Coffee break & Posters/Exhibition (Lounge 2)	
16:00-17:05	Session 3: Humanised PDX models <i>Chair: Steven de Jong (University Medical Centre Groningen, The Netherlands) & Sergio Roman-Roman (Institut Curie, France)</i>	
16:00	Erwan Corcuff, JanvierLabs, France <i>Humanized models: the future of rodent animal research applied to immunotherapy development in immuno-oncology</i>	25'

16:25	Giorgio Inghirami, Weill Cornell Medicine, New York, USA <i>Humanized mice to investigate lymphoma-host interactions propelling novel therapeutic strategies</i>	25'
16:50	Enrique Javier Arenas Lahuerta, Vall d'Hebron Institute of Oncology, Spain <i>Selected abstract: Uncovering immunotherapy resistance: intrinsic deficient IFNγ response is essential for the response to T cell redirected lymphocytes</i>	15'
19:00-21:00	Gala Dinner (Ritz zaal – Floor 0)	
From 21:00	Free time (posters, pub...)	

Wednesday, June 29

7:00 – 9:00	Breakfast (Hotel Zuiderduin Restaurant)	
9:00-10:30	Session 4: Orthotopic PDX models <i>Chairs: Steven de Jong (University Medical Centre Groningen, The Netherlands) & Sergio Roman-Roman (Institut Curie, France)</i>	
9:00	Fabio De Martino, École polytechnique fédérale de Lausanne, Switzerland <i>Optimized human normal breast xenografts</i>	25'
9:25	Stefan Hutten, Netherlands Cancer Institute, The Netherlands <i>Intraductal PDX models of ductal carcinoma in situ (DCIS) and ER-positive luminal breast cancer</i>	25'
9:50	Aniello Federico, Hopp Children's Cancer Center (KiTZ), Germany <i>Molecular characterization of PDX models in the ITCC-P4 platform: implications in tumor-host interactions</i>	25'
10:15	Anaïs Oudin, Luxembourg Institute of Health, Luxembourg <i>Selected abstract: Patient-derived orthotopic xenografts of Glioblastoma: how to recapitulate clinically relevant tumor microenvironment and treatment regimens</i>	15'
10:30-11:00	Coffee break & Posters/Exhibition (Lounge 2)	
11:00-12:30	Session 5: The future of animal research in Europe & Final discussion <i>Chairs: Luisa Lanfrancone (Istituto Europeo di Oncologia, Italy), Marieke van de Ven (Netherlands Cancer Institute, The Netherlands), Rob Clarke (University of Manchester, UK) and Steven de Jong (University Medical Centre Groningen, The Netherlands)</i>	
11:00	Lluis Montoliu, Centro Nacional de Biotecnología, Spain <i>Remote - The future of animal research in Europe</i>	30'
11:30	Enzo Medico, University of Torino, Candiolo Cancer Institute IRCCS, Italy <i>Opportunities for 3R approaches offered by European Research Infrastructures Services</i>	20'
11:50	Panel discussion	40'
12:30	Best poster & Travel prizes (Sponsored by the EurOPDX Consortium) <i>Emilie Vinolo</i>	10'
12:40	Closing remarks <i>Jos Jonkers & Momo Bentires-Alj</i>	10'
12:45-14:00	Buffet lunch (Hotel Zuiderduin Restaurant, upon registration) & Departure	