



Wednesday, 7 April

- 9am **Opening Ceremony**
Main Room
- 9:10am **Plenary 1**
Main Room
Chaired by: Mr. Eduard Porta
- 9:10am **High dose Vitamin C and inactivation of DNA repair boost cancer immunotherapy**
» [Prof. Alberto Bardelli](#)
- 9:45am **Implementing precision cancer medicine in Norway – IMPRESS-Norway**
» [Mr. Aslaug Helland](#)
- 10:20am **Establishing an infrastructure for precision diagnostics, cancer**
» [Mr. Hege Russnes](#)
- 10:55am **Break**
Networking Area
- 11:15am **Plenary 2**
Main Room
Chaired by: Mr. Eduard Porta
- 11:15am **Epigenetics and Epitranscriptomics of Human Cancer: From Knowledge to Applications**
» [Prof. Manel Esteller](#)
- 11:50am **Personalized Pediatric Oncology – Promises and Challenges**
» [Mr. Stephan Pfister](#)
- 12:25pm **Lunch**
Networking Area

- 1:30pm **Plenary 3**
Main Room
Chaired by: Dr. Mariona Graupera
- 1:30pm **A novel synthetic lethal strategy: targeting DNA damage repair based on epigenetic defects**
» [Prof. Mingzhou Guo](#)
- 2:05pm **Determinants of immunological evasion and immune checkpoint inhibition response: the genetic front**
» [Dr. Montse Sanchez-Cespedes](#)
- 2:40pm **Break**
Networking Area
- 3pm **Plenary 4**
Main Room
Chaired by: Dr. Montse Sanchez-Cespedes
- 3pm **Inborn errors of type I IFN immunity in patients with life-threatening COVID-19**
» [Mr. Qian Zhang](#)
- 3:35pm **Lymphoma Diagnosis and Discovery as a Basis for Personalized Medicine**
» [Dr. Elaine Jaffe](#)
- 4:10pm **TBD**
» [Mr. Ari Melnick](#)

Thursday, 8 April

- 9am **Plenary 1**
Main Room
Chaired by: Dr. Damiana Alvarez Errico



Continued from **Thursday, 8 April**

- 9am **PharmacoOmics and renal cancer**
» [Prof. Matthias Schwab](#)
- 9:35am **Genetics of drug-induced liver injury: relevance of non-HLA risk factors**
» [Prof. Ann Daly](#)
- 10:10am **Break**
Networking Area
- 10:30am **Plenary 2**
Main Room
Chaired by: Dr. Damiana Alvarez Errico
- 10:30am **Dendrimers: emerging opportunities for bioimaging and diagnosis**
» [Dr. Anne-Marie Caminade](#)
- 11:05am **Human diversity in the context of health and disease**
» [Mr. Kari Stefansson](#)
- 11:40am **Lunch**
Networking Area
- 1pm **Plenary 3**
Main Room
Chaired by: Dr. Tanya Vavouri
- 1pm **Patient-specific network models for personalized medicine**
» [Mr. Julio Saez-Rodriguez](#)
- 1:35pm **Bridging the gap across biological scales in cancer**
» [Mr. Eduard Porta](#)

- 2:10pm **Dissecting disease mechanisms with genetically perturbed regulatory networks**
» [Mr. Emmanouil Dermitzakis](#)

- 2:45pm **Break**
Networking Area

- 3:05pm **Plenary 4**
Main Room
Chaired by: Dr. Tanya Vavouri

- 3:05pm **Modelling health, ageing and disease trajectories in electronic health records**
» [Mr. Amos Tanay](#)

- 3:40pm **TBD**
» [Dr. Olivier Elemento](#)

Friday, 9 April

- 9am **Plenary 1**
Main Room
Chaired by: Dr. Ricky Joshi

- 9am **Pharmaceutical Nanotechnology and Precision Nanomedicine: New oncological treatments**
» [Prof. Maria Alonso](#)

- 9:35am **A new standard for science**
» [Ms. Julia Blanco](#)

- 10:10am **Auto-antibodies against type I interferons in patients with life-threatening COVID-19.**
» [Mr. Paul Bastard](#)



Continued from **Friday, 9 April**

10:45am **Break**
Networking Area

11:05am **Oral Session 1**
Main Room
Chaired by: Dr. Martí Badal

11:05am **Pharmacogenetic genotype and phenotype frequencies and drug utilization patterns in a large Danish population-based case-cohort sample for psychiatric research**
» [Dr. Christiane Gasse](#), Dr. Janne Thirstrup, Mr. Jonas Bybjerg-Grauholm, Dr. Marie Bækvad-Hansen, Prof. David M. Hougaard, Prof. Merete Nordentoft, Prof. Thomas Werge, Prof. Anders Børglum, Prof. Ole Mors, Prof. Preben B. Mortensen, Dr. Kazi Ishtiak Ahmed, Dr. Carin Lunenborg

11:20am **Impact of POR knockdown on hepatic gene expression in HepaRG cells**
» [Ms. Tamara Heintze](#), Dr. Kathrin Klein, Dr. Ute Hofmann, Ms. Denise Wilhelm, Prof. Matthias Schwab, Dr. Ulrich Zanger

11:35am **Ex vivo culture of human tissue slices as a predictive preclinical model to evaluate drug efficiency for patients with ovarian cancer**
» [Dr. Meng Dong](#), Ms. Kathrin Böpple, Dr. Bernd Winkler, Dr. Chunguang Liang, Dr. Frank Essmann, Prof. Walter E. Aulitzky

11:50am **Machine learning characterization of psychiatric comorbidities in a rare disorder**
» [Dr. Seoho Song](#), [Mr. Frederick Burton III](#), [Mr. Soo Hwan Park](#), Dr. Deirdre Caffrey, Dr. Cybèle Arsan

12:05pm **Assessment of circulating metabolites and microbiota-associated molecules in subjects with lean and obese NAFLD**
» [Dr. Mathias Haag](#), Dr. Stefan Winter, Ms. Julia Tevini, Dr. Alexandra Feldman, Dr. Sebastian Eder, Dr. Thomas Felder, Prof. Christian Datz, Ms. Enni-Kaisa Mustonen, Dr. Gerhard Liebisch, Dr. Oliver Burk, Prof. Bernhard Paulweber, Prof. Matthias Schwab, Prof. Elmar Aigner

12:20pm **Development of DNA-biochip for detection of mutations in rpoB, embB and inhA genes in Mycobacterium tuberculosis clinical isolates.**
» [Dr. Bharti Jain](#), Dr. Savita Kulkarni

12:50pm **Lunch**
Networking Area

2pm **Flash Session 1**
Main Room
Chaired by: Dr. Martí Badal

Contribution of Common and Rare Genetic Variants in CEP72 on Vincristine-Induced Peripheral Neuropathy in Brain Tumor Patients

» Mrs. Marije Klumpers, Mrs. Annouk Brand, Ms. Marina Hakobjan, Dr. Giovanna Gattuso, Dr. Elisabetta Schiavello, Dr. Monica Terenziani, Prof. Maura Massimino, Dr. Corrie Gidding, Prof. Henk Jan Guchelaar, Dr. Maroeska te Loo, [Dr. Marieke Coenen](#)

Combined geno- and phenotyping in DPD diagnostics is of added value in patients with a DPYD variant and decreased DPD enzyme activity

» [Dr. Bianca van den Bosch](#), Dr. Charolotte Ockeloen, Mr. Aron Raaijmakers, Mrs. Manon Hijmans-van der Vegt, Dr. Jörgen Bierau, Mrs. Judith de Vos-Geelen, Dr. Annelieke Willemsen, Dr. Marieke Coenen

A targeted and combined nanosystem-mediated antitumor strategy to HCC

» [Ms. Dina Farinha](#), Dr. Michael Migawa, Dr. Ana Bela Sarmiento, Dr. Henrique Faneca

Chemical design of lipophilic uncouplers of oxidative phosphorylation for treatment of non-alcoholic fatty liver disease and type 2 diabetes

» [Ms. Daria Vedeniapina](#), Ms. Kseniya Vlasova, Mr. Maxim Abakumov, Mr. Petr Ostroverkhov, Mr. Stepan Vodopianov



Continued from **Friday, 9 April**

Technical Theory of Refuting the use of Amylase Concentration Index in Clinical Tests for diagnostic & Monitor Treatment of Obesity

» [Dr. Gihan Gawish](#)

Integration of polygenic risk into an ancestry aware absolute model for breast cancer

» [Dr. George Busby](#), Mr. Saurabh Hebbalkar, Mr. Paul Craig, Mr. Paolo Di Domenico, Dr. Giordano Botta

Pharmacogenetic drug use and hospital re-admissions among older inpatients with depression: a cohort study in Central Denmark Region between 2014 and 2018

» [Ms. Liv Thiele](#), Dr. Christiane Gasse, Dr. Kazi Ishtiak Ahmed

2:30pm

Flash Session

Main Room

Chaired by: Dr. Martí Badal

Identification of basic microRNA markers of follicular and papillary thyroid tumors

» [Mrs. Mariya Sosina](#), Mr. Dmitry Sosin, Ms. Anastasiya Nikolaeva, Mr. Andrey Kotliarov

Feasibility of Panel of Pharmacogenetic markers Associated with Adverse Drug Reactions in Fluoropyrimidine and Irinotecan-treated cancer patients enrolled in the PREPARE study- Results from a preliminary analysis

» [Dr. Rossana Roncato](#), Dr. Alessia Bignucolo, Dr. Francesco Angelini, Dr. Luisa Foltran, Dr. Massimiliano Berretta, Dr. Elisa Palazzari, Ms. Silvia Mezzalana, Dr. Michela Guardascione, Dr. Fabio Puglisi, Dr. Lorenzo Gerratana, Dr. Mario Rosario D'Andrea, Prof. Jesse Swen, Prof. Henk Jan Guchelaar, Dr. Giuseppe Toffoli, Dr. Erika Cecchin

Mammalian sperm DNA condensation differ among different species, a key to improve sperm DNA fragmentation analysis

» [Dr. Jordi Ribas-Maynou](#), Ms. Ariadna Delgado, Ms. Sandra Recuero, Mr. Jaime Catalan, Prof. Jordi Miro, Dr. Marc Yeste

The membrane transporter OAT7 (SLC22A9) is not a susceptibility factor for osteoporosis in Europeans

» [Dr. Anne Nies](#), Dr. Stefan Weiss, Dr. Elke Schaeffeler, Dr. Anke Hannemann, Dr. Uwe Völker, Dr. Henri Wallaschofski, Prof. Matthias Schwab

Update on companion diagnostic

» [Dr. Jan Trost Jorgensen](#)

A non-invasive tool to quantify autonomic dysfunction, A prognostic indicator in COVID-19

» [Dr. Avinash H R](#)

3pm

Closing Session

Main Room