



CONFERENCE PROGRAMME

Monday 27 November 2017

09:45 - 10:15 Press Conference

10.15 - 11.15
Auditorium

Opening of EAPM European Union (EU) Presidency Congress

10.15 - 10.20

Chair: Denis Horgan

Executive Director, European Alliance for Personalised Medicine (EAPM) Brussels, Belgium

10.20 - 10.30

Simon Harris

Minister of Health, Republic of Ireland

10.30 - 10.40

Marian Harkin

Member of the European Parliament, Brussels, Belgium

10.40 - 10.50

Jevgeni Ossinovski

Minister of Health, Estonia

10.50 - 11.00

Cristian Silviu Busoi

Member of the European Parliament, Brussels, Belgium

11.00 - 11.10

Hon. Christopher Fearne MP

Deputy Prime Minister, Malta

Statements from members of the European Parliament

11:10 - 11:15

Q&A Discussion



11.15 - 13.00
Auditorium

Opening Plenary Presidential Session: Round Table "Growth in Personalised Healthcare - The promise for future generations"

11.15 - 11.20

Chair: Mark Lawler

Chair in Translational Cancer Genomics, Centre for Cancer Research and Cell Biology (CCRCB), Queen's University Belfast, UK

11.20 - 11.35

Desmond Schatz

Associate Chairman of Pediatrics, School of Medicine University of Florida, Gainesville, Florida USA

11.35 - 11.50

Samuele Butera

Global Cell and Gene therapies Business Leader, Novartis, New York, USA

11.50 - 12.05

Peter Meeus

Head of Region Europe, Shire, London, UK

12.05 - 12.20

Transformation of Clinical Research: filling the gap between research and care towards new health care systems

Denis Lacombe

Director General, European Organisation for Research and Treatment of Cancer, Brussels, Belgium

12.20 - 12.30

Chris Round

Head of EMEA Biopharma Global Commercial Operations, Merck

12.30 - 12.40

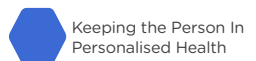
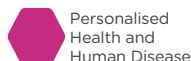
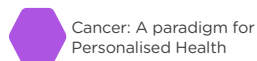
Lorraine Nolan

Chief Executive, Health Products Regulatory Authority, Dublin, Ireland

12.40 - 13.00

Q&A Discussion

13.00 - 13:45 Hall 1 Lunch and Networking





13.45- 15.30
The Studio

Centre for Cancer Research and Cell Biology 10 Year Anniversary Symposium

13.45 - 13.55

Chair: David Waugh
Director, CCRCB, Belfast, UK

13.55 - 14.10

Owen Sansom
Director, Cancer Research UK Beatson Institute, Glasgow, UK

14.10 - 14.25

Revisiting Cancer Clinical Research Methodology: can the past teach us for the future?
Denis Lacombe
Director General, European Organisation for Research and Treatment of Cancer, Brussels, Belgium

14.25 - 14.40

A world-wide analysis of cancer genomes: the pan-cancer analysis of whole genomes project
Jan Korbel
Group Leader, Genome Biology Unit, European Molecular Biology Laboratory (EMBL), Heidelberg, Germany

14.40 - 15.00

Q&A

15.00 - 15.30

Proffered Papers

15.00 - 15.10

DOC1-dependent recruitment of NURD reveals antagonism with SWI/SNF during epithelial-mesenchymal transition in oral cancer cells
Adone Mohd-Sarip
CCRCB, Queen's University Belfast, UK

15.10 - 15.20

Cancer-cell intrinsic gene expression signatures overcome intratumoural heterogeneity bias in colorectal cancer patient classification
Philip Dunne
CCRCB Queen's University Belfast, UK

15.20 - 15.30

Serum Response Factor as a novel targeted therapy for castrate-resistant prostate cancer
Maria Prencipe
Conway Institute for Biomolecular Research, University College Dublin (UCD), Ireland



13.45- 15.30
Meeting Room
1

The Value of Sustainable Healthcare

13.45 - 13.50

Chair: Denis Horgan
Executive Director, EAPM, Brussels, Belgium

13.50 - 14.05

Kim Stratton
Head International Commercial, Shire, London, UK

14.05 - 14.20

The Value of Treatment Project: towards optimising care for brain disorders
Giovanni Esposito
European Brain Council, Brussels, Belgium

14.20- 14.35

The Value of Treatment Project: the economic evaluation and case studies analysis
Michela Tinelli
Department of Social Policy, London School of Economics, London, UK

14.35 - 14.50

The Value of Treatment Project: conclusions and policy recommendations
Patrice Boyer
President, European Psychiatric Association, Paris, France

14.50 - 15.00

EU added value in research for the benefit of patients
Stéphane Hogan
Head of Sector for Neuroscience, DG Research & Innovation, European Commission, Brussels, Belgium

15.00 - 15.10

Regulatory Angle
Seamus Kearney
CEO & Principal Consultant, ARC Regulatory, Magherafelt, UK

15.10 - 15.20

Natasha Azzopardi Muscat
Consultant Public Health Medicine, Department for Public in Health, Health Information and Research, Valletta, Malta

15.20 - 15.30

Q&A



13.45- 15.30
Meeting Room
2

European Hematology Association Session – Personalising treatment of blood diseases – Taking advantage of the leukemia/lymphoma genome

- 13.45 - 13.55 **Chair: Ulrich Jäger**
Professor of Hematology, Medical University of Vienna, Austria
- 13.55 - 14.20 **Personalisation in Hematology**
Ulrich Jäger
Professor of Hematology, Medical University of Vienna, Austria
- 14.20 - 14.45 **Carin Smand**
Director, European Hematology Association (EHA), The Hague, The Netherlands
- 14.45 - 15.10 **Access to Innovative Medicines**
Anton Hagenbeek
University of Amsterdam - Academic Medical Centre, The Netherlands
- 15.10 - 15.30 **Round Table Discussion**



13.45- 15.30
Meeting Room
3A

Capturing the Global Picture in Precision Medicine

- 13.45 - 13.50 **Chair: Richard Barker**
Center for the Advancement of Sustainable Medical Innovation (CASMI), Oxford/University College London, UK
- 13.50 - 14.00 **Mark Lawler**
Centre for Cancer Research and Cell Biology, Queen's University Belfast, UK
- 14.00 - 14.10 **Genome Asia 100K for Precision Medicine**
Lakshmi Santhosh
Project Director of Genome Asia 100K
- 14.10 - 14.20 **Vineet Datta**
Executive Director, Datar Genetics Limited, New Delhi, India
- 14.20 - 14.35 **Koen Block**
Executive Director, European AIDS Treatment Group (EATG), Brussels, Belgium
- 14.35 - 14.50 **Maarten IJzerman**
Chair, Department of Health Technology & Services Research, University of Twente, Twente, Netherlands
- 14.50 - 15.05 **IC-PerMed Perspective**
Ain Aaviksoo
Deputy Secretary General for E-services and Innovation, Ministry of Social Affairs, Tallinn, Estonia
- 15.05 - 15.30 **Round Table Discussion**



13.45- 15.30
Meeting Room
3B

A Tale of Two Cities: a whole system approach to personalised medicine and health

- 13.45 - 13.50 **Co-Chair: Gianni D'Errico**
European Funding Officer, Regional Foundation for the Biomedical Research, Lombardy, Milan, Italy
- 13.50 - 13.55 **Co-Chair: Michael Paul Messenger**
Principal Healthcare Scientist, Leeds Institute of Cancer & Pathology, Leeds, UK
- 13.55 - 14.05 **PPM+ The Leeds Care Record: Big Data supporting PM**
Geoff Hall
Chief Clinical Information Officer, Leeds Teaching Hospital NHS Trust, Leeds, UK
- 14.05 - 14.15 **Early Health Economic Modelling – developing the evidence of value**
Bethany Shinkins
Test Evaluation Group Lead, University of Leeds, Leeds, UK
- 14.15 - 14.25 **Management of people affected by chronic disease(s): A challenge to our society.**
Paolo Mocarelli
Scientific Director of "don Gnocchi Foundation", Milan, Italy
- 14.25 - 14.40 **Genomics and Big data, from science to medicine and back**
Giovanni Tonon
Director, Centre for Translational Genomics and Bioinformatics, San Raffaele Institute, Milan, Italy

14.40 - 14.55 **Accelerating PM and Health - a whole system approach**
Michael Paul Messenger
Principal Healthcare Scientist, Leeds Institute of Cancer & Pathology, Leeds, UK

14.55 - 15.10 **Public Consultation on Personalised Medicine in Lombardy Region.**
Marina Gerini
Director General - Regional Foundation for Biomedical Research

15.10 - 15.30 **Round Table Discussion**



15.30 - 17.10
Auditorium

Presidential Session - Shaping Future Healthcare and the One Health Agenda I

15.30 - 15.35 **Co-Chair: Alastair Kent**
Ambassador, Genetic Alliance, London, UK

15.35 - 15.50 **Richard English**
Pro-Vice-Chancellor for Internationalisation and Engagement, Queen's University Belfast, UK

15.50 - 16.05 **Sir John Chisholm**
Executive Chair, Genomics England, Cambridge, UK

16.05 - 16.20 **Sue Hill, OBE**
Chief Scientific Officer, NHS England, London, UK

16.20 - 16.35 **Ian Young**
Chief Scientific Advisor, Department of Health, Social Services and Public Safety, Belfast, Northern Ireland, UK

16.35 - 16.50 **Mike Thompson**
Chief Executive Officer, The Association of the British Pharmaceutical Industry, London, UK

16.50 - 17.10 **Q&A Discussion**

17.10 - 17:30
Hall 1

Coffee, Posters and Networking



17.30 - 18.30
Auditorium

Presidential Session - Shaping Future Healthcare and the One Health Agenda II

17.30 - 17.35 **Chair: Peter Hongaard Anderson**
Innovation Fund, Copenhagen, Denmark

17.35 - 17.50 **Scenario for the Danish healthcare system 2030**
Bogi Eliassen
Futurist, Copenhagen Institute for Futures Studies, Copenhagen, Denmark

17.50 - 18.05 **How do we sustain medical innovation?**
Richard Barker
Founding Director, Center for the Advancement of Sustainable Medical Innovation (CASMI), Oxford, UK

18.05 - 18.20 **Designing a world where people get sick no more**
Koen Kas
CEO, InBio Veritas & Healthskouts; Professor of Biochemistry, University of Gent, Gent, Belgium

18.20 - 18.30 **Q&A**

18.30 - 19.30
Auditorium

Special lecture

Chair: Gordon McVie
Co-Chair EAPM, Brussels, Belgium

Alexander Eggermont
Director General, Institute Gustave Roussy, Paris, France

19:45 - 22:00

Welcome Reception, Belfast City Hall (hosted by Lord Mayor)

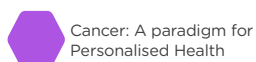
EAPM AWARD: 'Patient-centric Innovator Award'
EAPM SMART AWARD: Smaller Members And Regions Together



Big Data for Better Health



Personalised Health and Policy Agenda



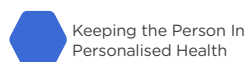
Cancer: A paradigm for Personalised Health



Personalised Health and Human Disease



Driving The Innovation Agenda



Keeping the Person In Personalised Health

Tuesday 28 November 2017



08:15 - 10:00
Auditorium

Presidential Session: Big Data Saves Lives

- 08.15 - 08.20 Co-Chair: Mark Lawler**
Chair in Translational Cancer Genomics, CCRCB Queen's University Belfast, UK and Co-Chair Clinical Cancer Genome Task Team, Global Alliance for Genomics and Health (GA4GH)
- 08.20 - 08.25 Co-Chair: Julia Wilson**
Associate Director, Wellcome Trust Sanger Centre Cambridge UK and Clinical Working Group, GA4GH
- 08.25 - 08.40 Gearing an entire country for Health Data Science**
Andrew Morris
Director Health Data Research UK, London, UK
- 08.40 - 08.55 Ewan Birney**
Director European Bioinformatics Institute, Cambridge UK and Chair, GA4GH
- 08.55 - 09.10 Ruth March**
VP and Head of Personalised Healthcare and Biomarkers, AstraZeneca
- 09.10 - 09.20 Ain Aaviksoo**
Deputy Secretary General for E-services and Innovation, Ministry of Social Affairs, Estonia
- 09.20 - 09.30 Data to the People - MIDATA Cooperatives**
Ernst Hafen
Institute of Molecular Systems Biology, ETH Zurich, Zurich, Switzerland
- 09.30 - 09.40 Margaret Grayson**
Chair Northern Ireland Cancer Research Consumer Forum, Belfast, UK
- 09.40 - 10.00 Round Table Discussion**

10:00 - 10:30
Hall 1

Coffee, Posters and Networking

10:00 - 10:30

Press Briefing Centre (The Studio)

Speed Networking (Hall 1)

10:00 - 10:30	Meet the Cancer Patient Ken Mastris <i>Chairman of the Board, Europa Uomo</i>	Meet the Business Leader Peter Meeus <i>Head of Region Europe, Shire</i>	Meet the Industry Representative Eelko den Breejen <i>International Health Policy Leader, Personalised Healthcare, Roche</i>	Meet the Policy Maker Ain Aaviksoo <i>Deputy Secretary General for E-services and Innovation, Ministry of Social Affairs, Estonia</i>	Meet the Professor Mark Lawler <i>Chair in Translational Cancer Genomics, Queen's University Belfast, UK</i>
	Meet the Regional Expert Gianni D'Enrico <i>European Funding Officer, Regional Foundation for the Biomedical Research, Lombardy, Milan, Italy</i>	Meet the Diabetes Expert Desmond Schatz <i>Associate Chairman of Pediatrics, School of Medicine University of Florida, Gainesville, Florida USA</i>	Meet the Clinical Research Expert Denis Lacombe <i>Director General, European Organisation for Research and Treatment of Cancer (EORTC), Brussels, Belgium</i>	Meet the Politician Cristian Silviu Busoi <i>Member of the European Parliament, Brussels, Belgium</i>	Meet the Oncologist Giovanni Codacci Pisanelli <i>Assistant Professor in Medical Oncology, University of Rome "La Sapienza", Rome, Italy</i>



10:30 - 12:10
The Studio

Solving the challenges for manufacturing personalised medicines at an industrial scale

10.30 - 10.35

Chair: John Milne

Training Director, National Institute for Bioprocessing Research and Training (NIBRT), Dublin, Ireland

10.35 - 10.50

Manufacturing processes of the future

John Milne

Training Director, National Institute for Bioprocessing Research and Training (NIBRT), Dublin, Ireland

10.50 - 11.05

The future workforce

Killian O'Driscoll

Director of Projects at NIBRT, Dublin, Ireland

11.05 - 11.20

Andrew Whytock

Industry 4.0 and Digitalization lead, Pharmaceutical Business Segment, Siemens AG, Mannheim, Germany

11.20 - 11.35

Prof Kieran Hodnett

Scientific Director and Principal Investigator SSPC, University of Limerick, Limerick, Ireland

11.35 - 11.45

Key Challenges for the BioPharma Sector in Ireland

Matt Moran

Director, BioPharmaChem Ireland, Dublin, Ireland

11.45- 12.10

Round Table



10:30 - 12:10
Meeting Room
1

Ulster University Session on Precision Medicine in Multi-morbid Inflammatory Disease

10.30 - 10.35

Chair: Tony Bjourson

Director, Northern Ireland Centre for Stratified Medicine, Ulster University, Derry, UK

10.35 - 10.50

Stratified Medicine in Proinflammatory Multi-morbid Disease

Tony Bjourson

Director, Northern Ireland Centre for Stratified Medicine, Biomedical Sciences Research Institute, Ulster University, Derry, UK

10.50 - 11.10

A Gut Feeling about Mental Health: Precision Medicine and the Microbiome

John F. Cryan

Chair, Department of Anatomy and Neuroscience, APC Microbiome Institute, University College Cork, Ireland

11.10 - 11.30

Personalised Medicine approaches to immunological mechanism and treatment for major psychiatric disorders

Golam Khandaker

Wellcome Trust Intermediate Clinical Fellow, Department of Psychiatry, University of Cambridge, UK

11.30 - 12.00

Round Table

12.00-12.10

Proffered Paper Presentation

Ex-vivo drug screening in patients with inflammatory bowel disease

Katie Lloyd

University Of Liverpool, Liverpool, UK



10:30 - 12:10
Meeting Room
2

Centre for Experimental Medicine (CEM) Queen's University Belfast Special Session: Eyes do not lie – you are what you can see! Options for personalised medicine in eye diseases

10.30 - 10.35

Chair: Tunde Peto

Centre for Experimental Medicine, Queen's University Belfast, UK

10.35 - 10.45

Curing diabetic eye disease? - from the bench to treating patients as individuals

Alan Stitt

Professor, Centre for Experimental Medicine, Queen's University Belfast, UK

10.45 - 11.00

Precision Ophthalmology: Lessons from age related macular disease

Carel Hoyng

Professor of Ophthalmology, Radboud University Nijmegen Medical Centre, Nijmegen, The Netherlands



- 11.00 - 11.15 **The myopia epidemic: can we individualise the message?**
Caroline Klaver
Professor of Ophthalmology at Erasmus MC & Radboud UMC The Netherlands
- 11.15 - 11.25 **Micronutrients and age related eye disease: from diet through drugs to prevention of blindness**
Imre Lengyel
Centre for Experimental Medicine, Queen's University Belfast, UK
- 11.25 - 11.40 **Pharmacogenetics and the individual patient: the industry perspective**
Everson Nogoceke
Biomarker Experimental Medicine Leader, Roche Pharma Research & Early Development, Roche, Basel, Switzerland
- 11.40 - 11.55 **How to improve imaging technology to accommodate individual needs?**
Anne-Marie Cairns
Global Vice President of Clinical & Medical Affairs, Optos, Halbeath, UK
- 11.55 - 12.10 **Q&A**



10:30 - 12:10
**Meeting Room
 3A**

ELIXIR - Genomics and Health (GA4GH) Special Session Empowering personalised health through data sharing

- 10.30 - 10.35 **Chair: Julia Wilson**
Associate Director, Wellcome Trust Sanger Centre, Cambridge, UK; Clinical Working Group, GA4GH
- 10.35 - 10.45 **Enabling global data sharing for genomics**
Julia Wilson
Associate Director, Wellcome Trust Sanger Centre, Cambridge, UK; Clinical Working Group, GA4GH
- 10.45 - 10.55 **Towards data sharing for Personalised Medicine**
Susheel Varma
Human Genomics and Translational Data Technical Coordinator, ELIXIR, Cambridge, UK
- 10.55 - 11.10 **EGA - Towards a federated network of nodes hosting human genetic and phenotype data**
Thomas Keane
Team Leader: EGA, EVA and archive infrastructure EMBL-EBI
- 11.10 - 11.20 **Sharing Data Under the General Data Protection Regulation**
Sarion Bowers
Policy Lead, Sanger Institute, Cambridge, UK
- 11.20 - 11.35 **The Swiss Personalized Health Network: Building an interoperable data ecosystem for personalized health research**
Torsten Schwede
Professor of Bioinformatics, SIB Swiss Institute of Bioinformatics & University of Basel, Switzerland
- 11.35 - 11.50 **Using Human Genetics to make new Medicines**
Jeff Barrett
Director, Open Targets, Cambridge, UK
- 11.50 - 12.00 **Q&A**
- 12.00 - 12.10 **Proffered Paper Presentation**
Using polygenic risk scores to determine risk of post-transplant skin cancer
Caragh Stapleton
Royal College of Surgeons in Ireland, Dublin, Ireland



10:30 - 12:10
**Meeting Room
 3B**

Converting Hospitals to a Personalised Health Agenda

- 10.30 - 10.40 **Chair: Pascal Garel**
Chief Executive, Hospital and Healthcare Federation (HOPE), Brussels, Belgium
- 10.40 - 10.55 **Unique possibilities for realizing the potential of Personalised Medicine in the Danish healthcare system**
Eva Weinreich-Jensen
President, HOPE & Senior Advisor, Danish Regions, Denmark
- 10.55 - 11.15 **From Carpet Bombing to Sniper Fire: Genomics to Precision Cancer Care in Children and Adolescents**
Owen Smith CBE
Professor of Paediatric and Adolescent Medicine, University College Dublin and Director, Clinical Academic Directorate for Cancer Care, Ireland East Hospital Group Ireland

- 11.15 - 11.30** **Integrated Molecular Pathology: The Belfast Mode**
Manuel Salto-Tellez
 Professor of Pathology, Centre for Cancer Research and Cell Biology, Queen's University Belfast, UK
- 11.30 - 11.40** **Stephen McMahon**
 Chairman and co-founder of the Irish Patients' Association (IPA), Dublin, Ireland
- 11.40 - 12.00** **Round Table Discussion**
- 12.00 - 12.10** **Proffered Paper Presentation**
Identification of a molecular subgroup of stage II/III colorectal cancer patients who benefit from adjuvant 5FU-based chemotherapy
Wendy Allen
 CCRCB, Queen's University Belfast, UK

12:10 – 12:50
Hall 1

Lunch, Posters and Networking



12:50 - 14:30
Auditorium

Presidential Session: Research Frontiers in Personalised Medicine

- Co-Chair: Denis Horgan**
 Executive Director, European Alliance for Personalised Medicine (EAPM) Brussels, Belgium
- Co-Chair: James N'Dow**
 Chariman, Guidelines Office Board, European Association of Urology (EAU), Arnhem, The Netherlands
- 12.50 - 13.00** **Mairead O'Driscoll**
 Health Research Board of Ireland, Dublin, Ireland and IC-Per Med
- 13.00 - 13.10** **Peter Keeling**
 Chief Executive Officer, Diaceutics
- 13.10 - 13.25** **The ACC (Alliance Against Cancer) approach for Personalized Medicine in Cancer at a national level**
Gennaro Ciliberto
 Scientific Director, IRCCS, Istituto Nazionale Tumori "Regina Elena, Rome, Italy
- 13.25 - 13.40** **A personalized health strategy for Canada: a funders perspective**
Stephen M Robbins
 Scientific Director, CIHR Institute of Genetics, Montreal, Canada
- 13.40 - 13.50** **Personalised medicine - Actions at EU level**
Stéphane Hogan
 Head of Sector for Neuroscience, DG Research & Innovation, European Commission, Brussels, Belgium
- 13.50 - 14.05** **Pursuing Precision in Immuno-oncology – Biology, Big Data and Biomarkers**
Tom Lillie
 Vice President, Head of European Clinical Development MSD, London, UK
- 14.05 - 14.20** **Emanuele Ostuni**
 European Head, Cell and Gene Therapy, Novartis, Basel, Switzerland
- 14.20 - 14.35** **Q&A Discussion**

14:35 – 15:00
Hall 1

Coffee, Posters and Networking

Speed Networking (Hall 1)

	Meet the Patient representative	Meet the Research Expert	Meet the Epidemiologist	Meet the Scientist	Meet the Cancer Expert
14:35 – 15:00	Lydia Makaroff Director, ECPC	Mairead O'Driscoll Health Research Board of Ireland, Dublin, Ireland and IC-Per Med	Michel Coleman Professor of Epidemiology and Vital Statistics, Department of Non-Communicable Disease Epidemiology, London School of Hygiene and Tropical Medicine, London, UK	Gennaro Ciliberto Scientific Director, IRCCS, Istituto Nazionale Tumori "Regina Elena, Rome, Italy	Fabien Calvo Scientific Director, Cancer Core Europe, Paris, France: SAP Health - Institute Gustave Roussy



Big Data for Better Health



Personalised Health and Policy Agenda



Cancer: A paradigm for Personalised Health



Personalised Health and Human Disease



Driving The Innovation Agenda



Keeping the Person In Personalised Health

Meet the Eyes Expert Caroline Klaver <i>Professor of Ophthalmology at Erasmus MC & Radboud UMC, The Netherlands</i>	Meet the Urology Expert Hendrik Van Poppel <i>European Association of Urology, Leuven, Belgium</i>	Meet the Business Leader Peter Keeling <i>Chief Executive Officer, Diaceutics</i>	Meet the Communication Expert Andy Powrie-Smith <i>Executive Director, Communication and Partnership, EFPIA, Brussels, Belgium</i>	Meet the Translational Scientist Expert Alain Van Gool <i>Radboud University Medical Center</i>
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15:00 - 16:40 **Parallel Sessions**



15:00 - 16:40
The Studio

Mini Symposium: Breast Cancer: Dealing with Complexity Head on to Better Personalised Treatment

Supported in part by the Irish Cancer Society Collaborative Cancer Research Centre BREAST-PREDICT

15.00 - 15.05

Chair: William Gallagher

Director Conway Institute for Biomolecular Research, University College Dublin, Ireland

15.05 - 15.15

The changing face of breast cancer biomarkers

Michael J. Duffy

Adjunct Professor, School of Medicine and Medical Science, UCD, Ireland

15.15 - 15.25

The advent of multi-gene prognostic signatures

Ivana Sestak

Lecturer in Medical Statistics, Wolfson Institute of Preventive Medicine, Queen Mary University of London, UK

15.25 - 15.40

Familial breast cancer: diagnostic and treatment dilemmas

Fergus Couch

Chair, Division of Experimental Pathology, Mayo Clinic, Rochester, Minnesota, USA

15.40 - 15.50

The wealth of therapeutic options available in breast cancer

Cathy Kelly

Professor, Mater Misericordiae University Hospital, Dublin, Ireland

15.50 - 16.00

The regulatory perspective

Iñaki Gutiérrez-Ibarluzea

Vice President in Health Technology Assessment International (HTAi), Basque Region, Spain

16.00 - 16.10

EU support for first demonstration of value of personalised medicine - the TRANSBIG case study

Stéphane Hogan

Head of Sector for Neuroscience, DG Research & Innovation, European Commission, Brussels, Belgium

16.10 - 16.20

Q&A

16.20 - 16.40

Proffered Paper Presentations

16.20 - 16.30

Therapeutic Rationale to Target Highly Expressed CDK7 Conferring Poor Outcomes in Triple-Negative Breast Cancer

Bo Li

UCD, Dublin, Ireland

16.30 - 16.40

Characterisation of immune infiltrate and STING pathway activation in DNA damage response deficient (DDR) breast cancer

Eileen Parkes

CCRCB, Queen's University Belfast, UK



15:00 - 16:40
**Meeting Room
1**

Genomics and Medicine – Crossing the Rubicon

15.00 - 15.05

Chair: Shane McKee

Director Northern Ireland Genomics Medicine Centre, Belfast, UK

15.05 - 15.20

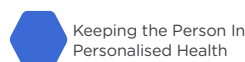
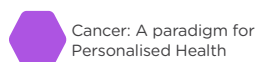
Johan T den Dunnen

Professor of Medical Genomics, Human & Clinical Genetics, Leiden University Medical Center, Leiden, Netherlands

15.20 - 15.35

Andrew Spiegel

Executive Director, Global Colon Cancer Association, Philadelphia, USA



- 15.35 - 15.50** *Individualizing Care for Patients with Multiple Chronic Conditions*
Daniel Schneider
 Director Diagnostics and Personalised Medicine, Teva Pharmaceuticals, Philadelphia, USA
- 15.50 - 16.10** *Involving the public in conversations about Genomics: making Personalised Medicine resonate*
Anna Middleton
 Head of Society and Ethics Research Wellcome Genome Campus, Cambridge, UK
- 16.10 - 16.30** **Round Table Discussion**
- 16.30 - 16.40** **Proffered Paper Presentation**
- Predicting genetic disease risks in children by whole genome sequencing*
M Stephen Meyn
 The Hospital For Sick Children, Toronto, Canada



15:00 - 16:40
Meeting Room
2

Realising precious therapeutics in neurological disease

- 15.00 - 15.15** **Chair: Gianpiero Cavalleri**
 Associate Professor in Human Genetics, RCSI, Dublin, Ireland
- 15.15 - 15.35** *Precision molecular diagnostics*
Slave Petrovski
 NHMRC Fellow, Royal Melbourne Hospital, University of Melbourne, Australia
- 15.35 - 15.50** *eHealth enabled precision, proactive, personalised care*
Mary Fitzsimons
 Medical Physicist, Beaumont Hospital, Dublin, Ireland
- 15.50 - 16.10** *Clinical integration*
Norman Delanty
 Professor of Clinical Neurological Sciences, Beaumont Hospital, Dublin, Ireland
- 16.10 - 16.30** **Round Table**



15:00 - 16:40
Meeting Room
3A

The EU Policy on Lung Cancer screening: It's time to start planning for implementation across Europe

- 15.00 - 15.10** **Chair: John Field**
 Professor of Molecular Oncology, University of Liverpool, UK
- 15.10 - 15.25** **Antoni Montserrat**
 Senior Expert on Cancer and Rare Diseases, DG Public Health, European Commission, Brussels, Belgium
- 15.25 - 15.40** **Gerry Hanna**
 Senior Lecturer and Consultant in Clinical Oncology, CCRCB, Queen's University Belfast, UK
- 15.40 - 15.55** **Sebastian Schmit**
 Head of Strategy and Medical Affairs Computed Tomography at Siemens Healthineers
- 15.55 - 16.05** *EU position statement on lungcancer screening*
Matthijs Oudkerk
 Scientific Director Centre for Medical Imaging, North East, Netherlands
- 16.05 - 16.15** *Lung Cancer Screening - is Europe heading in the right direction?*
Anne Marie Baird
 LUCE representative & Senior Research Fellow, St. James's Hospital, Dublin, Ireland
- 16.15 - 16.40** **Round Table Discussion**



Big Data for Better Health



Personalised Health and Policy Agenda



Cancer: A paradigm for Personalised Health



Personalised Health and Human Disease



Driving The Innovation Agenda



Keeping the Person In Personalised Health



15:00 - 16:40
Meeting Room
3B

The most dreadful “neglected” cancer: pancreatic cancer

- 15.05 - 15.25** *Personalized genomics medicine*
Andrew Biankin
Regius Chair of Surgery/Director of Translational Research Centre, University of Glasgow, UK
- 15.25 - 15.40** *The patient's perspective*
Ali Stunt
Founder of Pancreatic Cancer Action, Oakhanger, UK
- 15.40 - 15.50** *The Family's and society's perspective*
Lydia Makaroff
Director, European Cancer Patient Coalition (ECPC), Brussels, Belgium
- 15.50 - 16.00** *Diagnostic challenges*
Matthias Lohr
Professor of Gastroenterology & Hepatology, Centre of Biosciences, Karolinska Institutet, Stockholm, Sweden
- 16.00 - 16.10** *Pancreatic cancer treatment progresses*
Alfredo Carrato
Professor of Medical Oncology, Institution Ramon y Cajal University Hospital, Madrid, Spain
- 16.10 - 16.25** *Research gaps and needs*
Nuria Malats
Group Leader, Genetic and Molecular Epidemiology Group, Spanish National Cancer Research Centre, Madrid, Spain
- 16.25 - 16.40** **Q&A**

16.40 - 17.15 Auditorium	Special Lecture “Keep the person in personalised healthcare” Gretchen Rubin , <i>Author and Podcaster, New York, USA</i>
17.15 - 17.30 Hall 1	Coffee, Posters and Networking
17.30 - 19:00	Parallel Sessions



17:30 - 19:00
The Studio

Cancer in Europe : Responding to the Challenge

- 17.30 - 17.40** **Chair: Richard Sullivan**
Director, Institute of Cancer Policy, King's College London UK
- 17.40 - 17.55** *Cancer in Eastern Europe - a Call for Action*
Mark Lawler
Centre for Cancer Research and Cell Biology, Queen's University Belfast, UK
- 17.55 - 18.05** **Marius Gaenta**
Co-Founder, Center for Innovation in Medicine, Bucharest, Romania
- 18.05 - 18.15** **Jasmina Koeva-Balabanova**
Chair of the Board, Bulgarian Alliance for Personalised Medicine - BAPPM, Sofia, Bulgaria
- 18.15 - 18.30** **Florin Buicu**
President Health Commission, Chamber of Deputies, Romanian Parliament, Bucharest, Romania
- 18.30 - 18.45** *The primary tasks and responsibilities of personalized medicine in Poland*
Beata Jagielska
Maria Skłodowska-Curie Memorial Cancer Center and Institute of Oncology; Department of Oncological Diagnostic, Cardio-Oncology and Palliative Care, Warsaw, Poland
- 18.45 - 19.00** **Round Table Discussion**



17:30 - 19:00
Meeting Room
2

Big data in hematology; accelerating more efficient drug development, regulatory evaluation, access appraisal and treatment strategies (HARMONY)

17:30 - 17:35

Word of welcome on behalf of the Harmony Association

Carin Smand

Managing Director, European Hematology Association, The Hague, The Netherlands

Patricia van Dijck

Director Healthcare Systems Solutions Novartis Oncology Region Europe, Novartis

17:35 - 18:05

Keynote Lecture: Better health care with big data

Edge van der Poel

Clinical Data Scientist Erasmus University Medical Centre, Rotterdam, The Netherlands

18:05 - 18:15

Enabling Better and Faster Treatment for Patients with Hematologic Malignancies

Carin Smand

Managing Director European Hematology Association

Patricia van Dijck

Director Healthcare Systems Solutions Novartis Oncology Region Europe, Novartis

18.15 - 19.00

Debate: How to apply Big Data in patient care, regulatory systems and drug approval processes? Big data & Hematology: what are the specifics we need to take into account?

Moderators:

Patricia van Dijck & Carin Smand

Tamás Bereczky

Country Coordinator EUPATI Germany National Platform, Communications Officer of EUPATI EU, Berlin, Germany

Pam Bacon

Executive Director Medical Affairs, Celgene

Dr. Guillermo F. Sanz Santillana

Head of Clinical Hematology Section, Fundación para la Investigación del Hospital Universitario La Fe de la Comunidad Valenciana (HULAFE), Valencia, Spain

Dr Edge van der Poel

Clinical Data Scientist, Erasmus University Medical Center, Rotterdam, The Netherlands



17:30 - 19:00
Meeting Room
3A

Clinical Innovation Showcase: 'Northern Ireland Clinical Research Network(NICRN) : supporting clinical research in personalised medicine'

Co-Chairs: Paul Biagioni, Maurice O'Kane

NICRN

17.30 - 17.40

Introduction

Maurice O'Kane

NICRN

17.40 - 17.55

Cardiovascular Disease

Patrick Donnelly

Co-clinical Lead of the Northern Ireland Cardiovascular Research Network, South Eastern Health and Social Care Trust, UK

17.55 - 18.10

Looking at personalised medicine through a different lens

Vivien Coates

Professor of Nursing Research, Ulster University, Coleraine, UK

18.10 - 18.40

Renal Medicine Research - from GENIE to GFR

Peter Maxwell

Professor of Renal Medicine, Queen's University Belfast, UK

Neal Morgan

Consultant Nephrologist, Newry, UK

18.40 - 18.50

Q&A

18.50 - 19.00

Proffered Paper Presentation

Multivariate analysis enables personalized prediction of adverse heart and kidney outcomes

Gal Dinstag

Tel Aviv University, Tel Aviv, Israel



Big Data for Better Health



Personalised Health and Policy Agenda



Cancer: A paradigm for Personalised Health



Personalised Health and Human Disease



Driving The Innovation Agenda



Keeping the Person In Personalised Health



17:30 - 19:00
Meeting Room
3B

Systems Medicine, big data and scientific wellness: transforming healthcare – a proteomics perspective

17.30 - 17.35

Chair: Prof Stephen R Pennington

Professor of Proteomics, President Elect HUPO, Conway Institute for Biomolecular Research, UCD, Ireland

17.35 - 17.45

Where and how proteomics can deliver: integration of proteomics data with other 'omics data towards integrated diagnostics

Alain van Gool

Professor Personalized Healthcare, Head Translational Metabolic Laboratory, Chair EATRIS Biomarker Platform, Radboud university medical center, Nijmegen, The Netherlands

17.45 - 17.55

From population to person: protein biomarkers for personalised healthcare

Albert Sickmann

President, ISAS e.V., Dortmund, Germany

17.55 - 18.05

Liquid biopsy - impact on personalised healthcare - longitudinal monitoring

Chris Sutton

Institute of Cancer Therapeutics, University of Bradford, UK

18.05 - 18.15

Delivery of proteomics to healthcare systems

Andrea Urbani

President European Proteomics Association (EuPA), Chair of Biochemistry, Catholic University of the "Sacred Heart", Rome, Italy

18.15 - 18.30

Discovery proteomics in action

Tony Whetton

Director of the Stoller Biomarker Discovery Centre and Manchester Precision Medicine Institute, University of Manchester, UK

18.30 - 18.50

Q&A

18.50 - 19.00

Preferred Paper Presentation

Tackling acquired resistance mechanisms in malignant melanoma

Jens Rauch

UCD, Dublin, Ireland



17:30 - 19:00
Meeting Room
1

Personalised Health and rare disease

17.30 - 17.35

Co-Chair: Alastair Kent

Chair Rare Disease UK; Ambassador, Genetic Alliance, London, UK

Co-Chair: Denis Horgan

Executive Director European Alliance for Personalised Medicine, (EAPM), Brussels, Belgium

17.35 - 17.55

Kim Stratton

Head International Commercial, Shire, London, UK

17.55 - 18.15

Antoni Montserrat

Senior Expert on Cancer and Rare Diseases, DG Public Health, European Commission, Brussels, Belgium

18.15 - 18.30

Clinical trial simulation platform with personalised medicine in mind

Aiden Flynn

CEO, Exploristics Ltd, Belfast, UK

18.30 18.45

CAR T Cell Therapy for Head and Neck Cancer

Sophie Papa

King's College London and Guy's and Thomas' NHS Foundation Trust, London, UK

18.45 - 19.00

Q&A

<p>19:00 - 20:00 Auditorium</p>	<p>Patrick Johnston Memorial Lecture</p> <p>Progress and challenges in personalised cancer medicine: Drugs, chemical probes and biomarkers Paul Workman, Chief Executive and President, The Institute of Cancer Research (ICR) UK</p> <p>Introduced by Gordon McVie, Co-Chair, EAPM, Brussels, Belgium</p>
<p>20:30 - 22:30</p>	<p>Gala Dinner - Titanic Belfast</p> <p>HI-5 Awards</p> <p>The Evolving Four Corners of a Personalised Medicine Vista Judge Fidelma Macken SC <i>Former judge of the Supreme Court of Ireland and a former judge of the European Court of Justice, Dublin, Ireland</i></p>



Big Data for Better Health



Personalised Health and Policy Agenda



Cancer: A paradigm for Personalised Health



Personalised Health and Human Disease



Driving The Innovation Agenda



Keeping the Person In Personalised Health

Wednesday 29 November 2017



Presidential Session: Is precision medicine the route to a healthy world?

08:00 - 09:30
Auditorium

- 08.00 - 08.05** **Chair: Denis Horgan**
Executive Director, European Alliance for Personalised Medicine (EAPM) Brussels, Belgium
- 08.05 - 08.15** **Mary Baker**
Past President, European Brain Council, London, UK
- 08.15 - 08.25** **James N'Dow**
Chariman, Guidelines Office Board, European Association of Urology (EAU), Arnhem, The Netherlands
- 08.25 - 08.40** **Francesco De Lorenzo**
President, European Cancer Patient Coalition, Brussels, Belgium
- 08.40 - 08.55** **Michel Coleman**
Professor of Epidemiology and Vital Statistics, Department of Non-Communicable Disease Epidemiology, London School of Hygiene and Tropical Medicine, London, UK
- 08.55 - 09.10** **Fabien Calvo**
Scientific Director, Cancer Core Europe, Institute Gustave Roussy, Paris, France
- 09.10 - 09.20** **Access to innovation is our joint responsibility**
Eelko den Breejen
International Health Policy Leader, Personalised Healthcare, Roche
- 09.20 - 09.30** **Q&A**

09:30 - 10:00
Hall 1

Coffee, Posters and Networking

09:30 - 10:00

Press Briefing Centre (The Studio)

10:00 - 11:30

Parallel Sessions



10:00 - 11:30
The Studio

Personal Oncology Approaches - reflections from both sides of the pond

- 10.00 - 10.05** **Co-Chair: Etienne Richer**
Associate Director, CIHR Institute of Genetics, Montreal, Canada
- Co-Chair: Fabien Calvo**
Scientific Director, Cancer Core Europe, Institute Gustave Roussy, Paris, France
- 10.05 - 10.15** **Personalized Cancer Immunotherapy**
Jean-Sébastien Delisle
Associate professor, University of Montréal, Assistant-medical Director, Cellular Therapy Laboratory, Hôpital Maisonneuve-Rosemont, Montreal, Canada
- 10.15 - 10.25** **Personalized Oncogenomics (POG), The BC Cancer Agency's Personalized Oncogenomics Program**
Janessa Laskin
Senior Scientist, Medical Oncologist, BC Cancer Agency, Vancouver, Canada
- 10.25 - 10.35** **Ian Walker**
Commercial Leader - Region Europe, Roche Foundation Medicine, Basel, Switzerland
- 10.35 - 10.45** **Cancer Core Europe Basket of Basket Clinical trial**
Irene Brana
Associate Investigator, Vall D'Hebron Institute of Oncology, Barcelona, Spain
- 10.45 - 10.55** **European Pediatric Precision Cancer Medicine Program**
Birgit Georger
Head of the Pediatric New Drug Development Program, Gustave Roussy Cancer Campus, Villejuif, France
- 10.55 - 11.10** **Q&A**



Big Data for Better Health



Personalised Health and Policy Agenda



Cancer: A paradigm for Personalised Health



Personalised Health and Human Disease



Driving The Innovation Agenda



Keeping the Person In Personalised Health

11.10 - 11.30 **Proffered Paper Presentations**

11.10 - 11.20 ***A putative role for interleukin 1 pathway in resistance to EGFR blockade***

Mattia Lauriola

University Of Bologna, Italy

11.20 - 11.30 ***Association of a DNA Damage Response Deficiency (DDR) Assay with Prognosis in Resected Oesophageal and Gastric Adenocarcinoma***

Richard Turkington

Queens University Belfast, Belfast, UK



10:00 - 11:30
Meeting Room
1

Left behind and burnt out? The lived experience of 'molecularly unstratified' patients and stratified medicine researchers.

Chair: Lisa Wilde

Director of Research and External Affairs, Bowel Cancer UK

10.00 - 10.10 ***Personalised medicine: for the many or the few?***

Tim Maughan

Professor of Clinical Oncology, University of Oxford; MRC/CRUK Stratification in Colorectal Cancer Consortium

10.10 - 10.20 ***A costly promise: Ethical imperatives for 'personalised' medicine***

Joshua Hordern

Associate Professor of Christian Ethics, University of Oxford; Oxford Healthcare Values Partnership, University of Oxford

10.20 - 10.30 **Richard Sullivan**

Chair in Cancer Policy and Global Health, Kings College London

10.30 - 10.40 **Alison Hall**

Head of Humanities, PHG Foundation, Cambridge, UK

10.40 - 10.45 ***Burnt out? The stratified trial as a working environment***

Liz Morrell

Postdoctoral researcher, Centre for the Advancement of Sustainable Medical Innovation (CASMI), Radcliffe Department of Medicine, University of Oxford, UK

10.45 - 10.55 ***Psychosocial and behavioural considerations: putting the person into personalised medicine***

Rob Horne

Professor of Behavioural Medicine, UCL School of Pharmacy; Centre for the Advancement of Sustainable Medical Innovation, London, UK

10.55 - 11.05 ***Stratification: Hope or false dawn***

Alastair Kent

Chair Rare Disease UK; Ambassador, Genetic Alliance UK

11.05 - 11.30 **Round Table Discussions**



10:00 - 11:30
Meeting Room
2

Regulatory Environment for Diagnostics necessary for precision medicine

10.00 - 10.10 **Co-Chair: Jonathan Truelove**

Vice President, General Counsel International Genomic Health, Geneva, Switzerland

10.10 - 10.20 **Frederique Nowak**

Head of the Department of Biology, Transfer and Innovations, Research and Innovation Directorate, Institut National du Cancer (INCa), France

10.20 - 10.35 **Laura Knoke**

Associate Disputes, Environment, planning and regulatory, Freshfields Brockhaus Deringer, Berlin, Germany

10.35 - 10.50 **Stephen Lee**

Biosciences Team Manager, Medicines and Healthcare products Regulatory Agency, London, UK

10.50 - 11.05 **Stanimir Hasurdjiev**

Secretary-General of the Patient Access Partnership, Brussels, Belgium

11.05 - 11.15 **Armin Ritzhaupt**

Science and Innovation Support Office, Product Development Scientific Support Department, European Medicines Agency

11.15 - 11.30 **Q&A**



Big Data for Better Health



Personalised Health and Policy Agenda



Cancer: A paradigm for Personalised Health



Personalised Health and Human Disease



Driving The Innovation Agenda



Keeping the Person In Personalised Health



10:00 - 11:30
Meeting Room
3A

Discover What's Possible – The opportunities and challenges of all-island cancer clinical trial collaboration

- 10.00 - 10.10 **Welcome and Introductions**
Co-Chair: Professor Richard Wilson
NICTN Clinical Lead
- Co-Chair: Professor Bryan Hennessy**
Cancer Trials Ireland Clinical Lead
- 10.10 - 10.25 **A patient's perspective**
Margaret Grayson
Chair, NI Cancer Research Consumer Forum, UK
- 10.25 - 10.40 **A techie's guide to cancer trial interoperability for non techies**
Austin Tanney
Analytics Engines
- 10.40 - 10.55 **A current look at future possibilities from a policy maker**
Sean Donaghy
Director of eHealth and External Collaboration, HSC, UK
- 10.55 - 11.10 **The Interdisciplinary cancer researcher's toolkit**
Niamh Buckley
Queens University Belfast, Belfast, UK
- 11.10 - 11.20 **A world class collaborative research funding model**
Rosemary Hamilton
Co-chair US Ireland R&D Partnership
- 11.20 - 11.30 **Panel Q&A**



10:00 - 11:30
Meeting Room
3B

Preserving Health – what can we do at European Level?

- 10.00 - 10.05 **Chair: Tit Albreht**
Institute of Public Health, Slovenia
- 10.05 - 10.30 **Tit Albreht**
Institute of Public Health, Slovenia
- 10.30 - 10.50 **Population screening and personalized medicine – a contradiction?**
Sebastian Schmidt
Head of Strategy and Medical Affairs Computed Tomography at Siemens Healthineers
- 10.50 - 11.10 **Public health genomics**
Marc Van den Bulcke
Head Cancer Centre, OD Public Health and Surveillance Scientific Institute of Public Health, Belgium
- 11.10 - 11.30 **Q&A**

11:30 - 12:00
Hall 1

Networking and Poster Viewing



12:00 - 13:15
Auditorium

Presidential Session: Leaders and Innovators Forum; An Athena Swan Initiative

- 12.00 - 12.10 **Chair: Gordon McVie**
Co-Chair, EAPM, Brussels, Belgium
- 12.10 - 12.25 **Karen McCloskey**
Professor, Centre for Cancer Research and Cell Biology, Institute for Health Sciences, Queens University Belfast, UK
- 12.25 - 12.40 **Christine Chomienne**
Director of Research & Innovation, INCa, France
- 12.40 - 12.55 **Francoise Meunier**
Director of Special Projects, European Association for the Research and Treatment of Cancer, Brussels, Belgium, Vice-President, Federation of European Academies of Medicine, Brussels, Belgium
- 12.55 - 13.15 **Q&A Discussion**



Big Data for
Better Health



Personalised Health
and Policy Agenda



Cancer: A paradigm for
Personalised Health



Personalised
Health and
Human Disease



Driving The
Innovation Agenda



Keeping the Person In
Personalised Health

13:30 - 14:00 Hall 1	Lunch, Posters and Networking
14:10 - 15:40	Parallel Sessions



Systems Medicine and Personalised Health

14:10 - 15:40
The Studio

- 14.10 - 14.15** **Chair: Giovanni Codacci Pisanelli**
Assistant Professor in Medical Oncology, University of Rome "La Sapienza", Rome, Italy
- 14.15 - 14.30** **Nuria Malats**
Group Leader, Genetic and Molecular Epidemiology Group, Spanish National Cancer Research Centre
- 14.30 - 14.45** **Precision oncology based on computational modelling**
Walter Kolch
Director, Systems Biology Ireland, UCD, Ireland
- 14.45 - 15.55** **Targeting Apoptosis Dependencies in Cancer**
Dan Longley
Chair of Cancer Biology, Queens University Belfast, UK
- 14.55 - 15.05** **Jochen Prehn**
Director, Centre for Systems Medicine, RCSI, Dublin, Ireland
- 15.05 - 15.15** **Clinical utility of precision medicine in oncology**
Christophe Le Tourneau
Senior medical oncologist, Institut Curie and Professor of Medicine, Versailles-Saint-Quentin-en-Yvelines University
- 15.15 - 15.30** **Q&A**
- 15.30 - 15.40** **Proffered Paper Presentation**
- Overcoming Intratumoural Heterogeneity For Reproducible Molecular Risk Stratification: A Case Study In Advanced Kidney Cancer**
Ian Overton
CCRCB, Queen's University Belfast, UK



Personalised Medicine and Public Health: Two Sides of the Same Coin?

14:10 - 15:40
Meeting Room
1

- 14.10 - 14.25** **Chair: Walter Ricciardi**
Instituto Superiore di Sanità Italy
- 14.25 - 14.35** **Derick Mitchell**
Chief Executive, Irish Platform for Patient Organisations, Science & Industry (IPPOSI), Dublin, Ireland
- 14.35 - 14.50** **Frank Kee**
Director, UKCRC Centre for Excellence for Public Health Research (NI), Queen's University Belfast, UK
- 14.50 - 15.00** **Kaisa Immonen**
Director of Policy, European Patient Forum
- 15.00 - 15.15** **Personalised Medicine - Mind the Gender Gap**
Peggy Maguire
Former President, EPHA; Director General, European Institute of Women's Health
- 15.15 - 15.30** **Jerome Foucaud**
Responsible Department of Human Sciences, Epidemiology and Public Health, Institut National du Cancer (INCa), France
- 15.30 - 15.40** **Q&A**



14:10 - 15:40
Meeting Room
2

Fixing Cystic Fibrosis Transmembrane Conductance Regulator (CFTR): Targeting therapies which make a difference

14.10 - 14.15 **Co-Chair: J Stuart Elborn**
Imperial College and Royal Brompton Hospital, London and Queen's University Belfast, UK

Co-Chair: Lorraine Martin
Professor of Molecular Pharmaceutics, School of Pharmacy, Queen's University Belfast, UK

14.15 - 14.30 **How the Cystic Fibrosis Transmembrane Regulator (CFTR) works**
Lorraine Martin
Professor of Molecular Pharmaceutics, School of Pharmacy, Queen's University Belfast, UK

14.30 - 14.45 **Modulating the Cystic Fibrosis Transmembrane Regulator (CFTR): How New Drugs were developed**
Mark Higgins
Vertex Pharmaceuticals Europe, London, UK

14.45 - 15.00 **Treating Cystic Fibrosis: New Clinical Trials**
J Stuart Elborn
Imperial College and Royal Brompton Hospital, London and Queen's University Belfast, UK

15.00 - 15.10 **Living with Cystic Fibrosis**
Michelle Francis Naylor
Consultant Psychiatrist, Belfast, UK

15.10 - 15.20 **Future Challenges, Policy and Science**
Janet Allen
Director of Strategic Innovation, Cystic Fibrosis Trust, Southampton, UK

15.20 - 15.40 **Round Table Discussion**



14:10 - 15:40
Meeting Room
3A

Health Literacy: A Key Component of Personalised Health and Innovation

14.10 - 14.15 **Chair: Denis Horgan**
European Alliance for Personalised Medicine, Brussels, Belgium

14.15 - 14.30 **Holger Moch**
Medical Director and Chairman, Department of Pathology & Molecular Pathology, University Hospital Zurich, Switzerland

14.30 - 14.40 **Stephen McMahon**
Chairman and co-founder of the Irish Patients' Association (IPA)

14.40 - 14.55 **Kristine Sørensen**
Founder, Global Health Literacy Academy, Urmond, The Netherlands

14.55 - 15.05 **Geoffrey Henning**
Policy Director, EuropaColon, Brussels, Belgium

15.05 - 15.20 **Andy Powrie-Smith**
Executive Director, Communication and Partnership, EFPIA, Brussels, Belgium

15.20 - 15.30 **Q&A**

15.30 - 15.40 **Proffered Paper Presentation**

Exploring information and communication to help empower individuals affected by rare disease(s) in Northern Ireland

Jane Miller
Centre for Public Health? Queen's University Belfast, UK



14:10 - 15:40
Meeting Room
3B

Genomics, DNA and Diaspora

14.10 - 14.15 **Co-Chair: Eimear Kenny**
Assistant Professor, Icahn School of Medicine at Mount Sinai, NY, USA

14.15 - 14.20 **Co-Chair: Joe McHugh TD**
Minister of State for the Diaspora and International Development



Big Data for Better Health



Personalised Health and Policy Agenda



Cancer: A paradigm for Personalised Health



Personalised Health and Human Disease



Driving The Innovation Agenda



Keeping the Person In Personalised Health

- 14.20 - 14.35 John Greally**
Professor, Faculty Scholar for Epigenetics, Albert Einstein College of Medicine, New York, USA
- 14.35 - 14.50 Dan Bradley**
Principal Investigator, molecular Population Genetics, Smurfit Institute of Genetics, Trinity College Dublin, Ireland
- 14.50 - 15.05 Eimear Kenny**
Assistant Professor, Icahn School of Medicine at Mount Sinai, NY, USA
- 15.05 - 15.20 Tõnu Esko**
Deputy Director of Research, Estonian Biobank, Estonian Genome Center, University of Tartu, Estonia
- 15.20 - 15.40 Round Table Discussion**

15:40 – 16:10
Hall 1

Coffee, Posters and Networking

Speed Networking (Hall 1)

<p>Meet the Public Health Expert</p> <p>Walter Ricciardi <i>Instituto Superiore di Sanità Italy</i></p>	<p>Meet the Pancreatic Expert</p> <p>Nuria Malats <i>Group Leader, Genetic and Molecular Epidemiology Group, Spanish National Cancer Research Centre</i></p>	<p>Meet the Health Literacy Expert</p> <p>Kristine Sørensen <i>Founder, Global Health Literacy Academy, The Netherlands</i></p>	<p>Meet the Pathologist</p> <p>Holger Moch <i>Medical Director and Chairman, Department of Pathology & Molecular Pathology, University Hospital Zurich, Switzerland</i></p>	<p>Meet Patient Representative</p> <p>Geoffrey Henning <i>Policy Director, EuropaColon, Brussels, Belgium</i></p>
<p>Meet the Oncologist</p> <p>Beata Jagielska <i>Maria Skłodowska-Curie Memorial Cancer Center and Institute of Oncology; Department of Oncological Diagnostic, Cardio-Oncology and Palliative Care, Warsaw, Poland</i></p>	<p>Meet the Regional Expert</p> <p>Marius Gaenta <i>Co-Founder, Center for Innovation in Medicine, Bucharest, Romania</i></p>	<p>Meet the Business Leader</p> <p>Tom Lillie <i>Vice President, Head of European Clinical Development MSD, London, UK</i></p>	<p>Meet the Biochemistry Expert</p> <p>Mario Pazzagli <i>Professor of Clinical Biochemistry, Department of Clinical and Experimental Biochemical Science, University of Florence, Italy</i></p>	<p>Meet the Regulatory Expert</p> <p>Jonathan Truelove <i>Vice President, General Counsel International Genomic Health, Geneva, Switzerland</i></p>



16:10– 17:50
Auditorium

Shooting for the Moon or Flying too near the Sun: Crossing the Value Rubicon in Precision Care

- 16.10 - 16.15 Co-Chair: Mark Lawler**
Chair in Translational Cancer Genomics, Queen's University Belfast, UK
- 16.15 - 16.20 Co-Chair: Richard Sullivan**
Director, Institute of Cancer Policy, King's College London UK
- 16.20 - 16.35 Richard Sullivan**
Director, Institute of Cancer Policy, King's College London UK
- 16.35 - 16.55 Tito Fojo**
Professor of Medicine, Columbia University, New York, USA
- 16.55 - 17.10 Mark Lawler**
Chair in Translational Cancer Genomics, Queen's University Belfast, UK
- 17.10 - 17.25 Virginia Acha**
Executive Director, EU, EMEA, APAC Regulatory Policy, MSD, London, UK
- 17.25 - 17.40 Q&A**

17:40 – 18.45

Poster Session

19.00 - 20.30

Irish Experience and Special Performance



Big Data for Better Health



Personalised Health and Policy Agenda



Cancer: A paradigm for Personalised Health



Personalised Health and Human Disease



Driving The Innovation Agenda



Keeping the Person in Personalised Health

Thursday 30 November 2017



08:00 - 09:30
Auditorium

Presidential Session: Personalised Medicine Through Open Innovation

- 08.00 - 08.10 **Chair: Pierre Meulien**
Innovation Medicines Initiative (IMI) Brussels, Belgium
- 08.10 - 08.30 **U-BIOPRED Project - Peter Sterk**
Professor, Department of Respiratory Medicine in the Academic Medical Centre (AMC) of the University of Amsterdam, Amsterdam, The Netherlands
- 08.30 - 08.50 **EU - AIMS Project - Declan Murphy**
Professor, Kings College London
- 08.50 - 09.10 **CANCER - ID Project - Barbara Baggiani**
Chief Marketing Officer, Silicon Biosystems - A Menarini Group Company, Florence, Italy
- 09.10 - 09.30 **Round Table Discussion**

09:30 - 10:00
Hall 1

Coffee, Posters and Networking

09:30 - 10:00

Press Briefing Centre (The Studio)

10:00 - 11:40

Parallel Sessions



10:00 - 11:40
The Studio

The Challenges of Precision Oncology Drug Development and Implementation

- 10.00 - 10.05 **Co-Chair: Andrew Biankin**
Regius Chair of Surgery/Director of Translational Research Centre, University of Glasgow
- Co-Chair: Simon J Hollingsworth**
Executive Director, AstraZeneca, Oncology IMED Biotech Unit
- 10.05 - 10.25 **Challenges of Contemporary Therapeutic Development**
Simon J Hollingsworth
Executive Director, AstraZeneca, Oncology IMED Biotech Unit
- 10.25 - 10.45 **Diversity and Defining Actionability of Molecular Events**
Philip Beer
Precision oncology, cancer genomics and next-generation therapeutics - Sanger Institute, Cambridge, UK
- 10.45 - 11.05 **Effective Strategies for approval**
Shirley Hopper
MHRA
- 11.05 - 11.25 **Composite Datasets and Knowledge Banks**
Andrew Biankin
Regius Chair of Surgery/Director of Translational Research Centre, University of Glasgow, UK
- 11.25 - 11.40 **Q&A**



10:00 - 11:40
Meeting Room 1

Connected Health – Defining the Vision and Business in a Changing Environment

- 10.00 - 10.05 **Chair: Brian O'Connor**
Chair, European Connected Health Alliance, Belfast, UK
- 10.05 - 10.25 **Brian O'Connor**
Chair, European Connected Health Alliance, Belfast, UK
- 10.25 - 10.45 **Jim McLaughlin OBE**
University of Ulster, Antrim, UK



Big Data for Better Health



Personalised Health and Policy Agenda



Cancer: A paradigm for Personalised Health



Personalised Health and Human Disease



Driving The Innovation Agenda



Keeping the Person In Personalised Health

- 10.45 - 11.00 **Optimising medicines for patients**
Mike Scott
Medicines Optimisation Innovation Centre, Antrim, UK
- 11.00 - 11.20 **George Crooks OBE**
CEO, Digital Health & Care Institute, Glasgow, UK
- 11.20 - 11.40 **Q&A**



10:00 - 11:40
Meeting Room 2

We are what we eat – preserving health through enhanced nutrition

- 10.00 - 10.05 **Chair: Christopher Elliott**
Chair of Food Safety & Microbiology, Pro Vice Chancellor Faculty of Medicine, Health and Life Sciences, Queen's University Belfast, UK
- 10.05 - 10.30 **From the French Revolution to the Food Revolution**
Christopher Elliott
Chair of Food Safety & Microbiology, Pro Vice Chancellor Faculty of Medicine, Health and Life Sciences, Queen's University Belfast, UK
- 10.30 - 10.50 **Delivering a breakthrough in human nutrition and health through delivery of omega oils in chicken meat**
Alice Stanton
Royal College of Surgeons in Ireland, Dublin, Ireland
- 10.50 - 11.10 **The world's first nexus city for food, education, trust and health - Project Daire**
Moira Deane
Institute for Global Food Security, Queen's University Belfast, UK
- 11.10 - 11.20 **Q&A**
- 11.20 - 11.40 **Proffered Paper Presentations**
- 11.20 - 11.30 **An RCT investigating ABPM response to riboflavin in adults with a common folate polymorphism: a personalised approach to managing BP**
Catherine F Hughes
Ulster University, Londonderry, UK
- 11.30 - 11.40 **Alterations to offspring DNA methylation levels in response to maternal folic acid supplementation during second and third trimester of pregnancy**
Sara-Jayne Thursby
Ulster University, Belfast, UK



10:00 - 11:40
Meeting Room 3A

Precision Pathology in LMICs - unaffordable luxury or relevant necessity?

- 10.00 - 10.05 **Chair: Kenneth Fleming**
Senior Advisor for Pathology, Centre for Global Health NCI, Washington
- 10.05 - 10.25 **Precision pathology in low- and middle-income countries: challenges and opportunities**
Richard Sullivan
Director, Institute of Cancer Policy, King's College London UK
- 10.25 - 10.45 **The current status of Pathology in low- and middle-income countries**
Kenneth Fleming
Senior Advisor for Pathology, Centre for Global Health NCI, Washington
- 10.45 - 11.05 **Can low- and middle- income countries afford precision pathology?**
Sue Horton
Professor and GICI Chair in Global Health Economics, University of Waterloo, Canada
- 11.05 - 11.25 **Precision pathology and Point-of-Care Testing in LMICs: Look before you Leapfrog**
Mark Lawler
Chair in Translational Cancer Genomics, Queen's University Belfast, UK
- 11.25 - 11.40 **Round Table Discussion**



10:00 - 11:40
Meeting Room
3B

HTA, Payers & the European Medicines Agency – Crossing the Rubicon

- 10.00 - 10.10** **Chair: Denis Horgan**
European Alliance for Personalised Medicine, Brussels, Belgium
- 10.10 - 10.35** **Value Frameworks and Personalised Medicine: The Need for Augmented Cost-Effectiveness Analysis**
Lou Garrison
Past President, International Society For Pharmacoeconomics and Outcomes Research, Washington DC, USA
- 10.35 - 10.55** **Clare Hague**
Director of Health Economics & Outcomes Research Medical Affairs, Celgene, Boudry, Switzerland
- 10.55 - 11.15** **Carole Longson**
Director, Centre for Health Technology Evaluation and Executive Director, National Institute for Health Care & Excellence (NICE), London, UK
- 11.15 - 11.25** **Giovanni Codacci Pisanelli**
Assistant Professor in Medical Oncology, University of Rome "La Sapienza", Rome, Italy
- 11.25 - 11.40** **Round Table Discussion**

11:40 - 12:00
Hall 1

Coffee, Posters and Networking



12:00 - 13:40
Auditorium

Presidential Session: Regulating the future - Balance of patient safety and facilitating Innovation (EMA - FDA)

- 12:00 - 12:05** **Chair: Denis Horgan**
Executive Director, European Alliance for Personalised Medicine
- 12:05 - 12:20** **Recommendation of the ISPOR Special Task Force on U.S. Value Assessment Frameworks**
Lou Garrison
Past President, International Society For Pharmacoeconomics and Outcomes Research, Washington DC, US
- 12:20 - 12:35** **Juergen Scheuenpflug**
Global Head Clinical Biomarkers & Companion Diagnostics, MSD
- 12:35 - 12:50** **Paul Jones**
Director, Population Genomics Illumina, Inc., London, UK
- 12:50 - 13:05** **Iñaki Gutiérrez-Ibarluzea**
Vice President en Health Technology Assessment international (HTAi), Basque Region Spain
- 13:05 - 13:20** **Personalised Medicine, Regulating the future**
Brian Aylward
Health Products Regulatory Authority, Dublin, Ireland
- 13:20 - 13:40** **Q&A Discussion**

13:40 - 14.20
Hall 1

Lunch, Posters and Networking

Speed Networking (Hall 1)

Meet the HTA Expert	Meet the Economist	Meet the Pathologist	Meet the Patient Representative
Iñaki Gutiérrez-Ibarluzea <i>Vice President en Health Technology Assessment international (HTAi), Basque Region Spain</i>	Lou Garrison <i>Past President, International Society For Pharmacoeconomics and Outcomes Research, Washington DC, US</i>	Kenneth Fleming, <i>Senior Adviser for Pathology, Centre for Global Health NCI, Washington</i>	Peter Kapitein <i>Inspire2Live, The Netherlands</i>

Meet the Regional Expert Jasmina Koeva-Balabanova <i>Chair of the Board, Bulgarian Alliance for Personalised Medicine - BAPPM, Sofia, Bulgaria</i>	Meet the Pancreatic Expert Andrew Biankin <i>Regius Chair of Surgery/Director of Translational Research Centre, University of Glasgow, UK</i>	Meet the Health Economics Expert Clare Hague <i>Director of Health Economics & Outcomes Research Medical Affairs, Celgene, Boudry, Switzerland</i>	Meet the Data Expert Mario Romao <i>EMEA Global Public Policy team, Intel</i>	Meet the Innovation Expert Pierre Meulien <i>Innovation Medicines Initiative (IMI) Brussels, Belgium</i>
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14.20 - 16:00 **Parallel Sessions**



14.20 - 16:00
The Studio

EAU Special Session Every Prostate cancer is unique: Personalised prostate cancer diagnosis and management

14.20 - 14.30

Chair: Hendrik Van Poppel
European Association of Urology, Leuven, Belgium

14.30 - 14.45

Nicolas Mottet
Urology Department Head at CHU St Etienne - Université Jean Monnet, St Etienne, France

14.45 - 15.00

Rodolfo Montironi
Chairman, EAU Section of Uropathology (ESUP), Ancona, Italy

15.00 - 15.15

Thorsten Bach
Chairman EAU Patient Information Projekt, European Association of Urology, Munich, Germany

15.15 - 15.30

Ian Banks
President, European Men's Health Forum, Brussels, Belgium

15.30 - 15.40

Q&A

15.40 - 16.00

Proffered Paper Presentation

15.40 - 15.50

Enhanced radio-sensitivity of PTEN-deficient prostate tumours mediated by inhibition of intrinsic and treatment-potentiated CXC-chemokine signalling

Chris Armstrong
CCRCB, Queen's University Belfast, UK

Combined DNA repair inhibition and radiotherapy strategies targeting the PTEN axis in prostate cancer

Karl Butterworth
Queen's University Belfast, UK



14.20 - 16:00
Meeting Room 1

The Value of Innovation from the Cancer Patient Perspective

14.20 - 14.25

Chair: Lydia Makaroff
Director, ECPC, Brussels, Belgium

14.25 - 14.40

The Value of Innovation from the Cancer Patient Perspective
Lydia Makaroff
Director, ECPC, Brussels, Belgium

14.40 - 14.55

Access to Immuno-Oncology and other Innovations for People with Cancer in the United Kingdom
Constantinos Chrysaphinis
Patient Involvement and Projects Officer, the Brain Tumour Charity, UK

14.55 - 15.15

Current and Developing Innovation in Colorectal Cancer
Stephen Halloran
Public Health England and University of Surrey, Surrey, UK

15.15 - 15.30

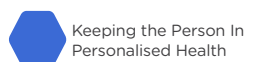
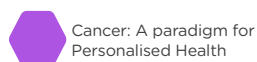
Addressing the Europe of Disparities in Cancer
Mark Lawler
Queen's University Belfast, UK

15.30 - 15.45

The Cancer Innovation Challenge
Dave Fitch
Head of Operations, The Data Lab, Edinburgh, UK

15.45 - 16.00

Panel Discussion with key stakeholders





14.20 - 16:00
Meeting Room
2

Diabetes: A Personalised Health Epidemic

- 14.20 - 14.25 **Co-Chair: Olivier Arnaud**
Senior Director Research Europe, JDRF, Paris, France
- Co-Chair: Jeannette Soderberg**
European Project Manager, JDRF, USA / European Project Manager, JDRF, USA
- 14.25 - 14.45 **Staging Type 1 Diabetes and its Prevention through Innovative Interventions**
Åke Lernmark
Professor at LU Diabetes Centre, Lund University, Sweden
- 14.45 - 15.05 **Pediatric vs Adult onset Type 1 Diabetes - Clinical Considerations in Therapy Development**
Colin Dayan
Professor of Clinical Diabetes and Metabolism, Cardiff University, UK
- 15.05 - 15.25 **Accelerating Therapy Development for Diabetic Nephropathy**
Kumar Sharma
Chief of Nephrology, Vice Chair of Research, UT Health, USA
- 15.25 - 15.45 **Automated closed loop approaches to personalized medicine**
Sanjoy Dutta
Assistant Vice President, Research & International Partnerships, JDRF, USA
- 15.45 - 16.00 **Panel Discussion Q&A**



14.20 - 16:00
Meeting Room
3A

Molecular Diagnostics – Enabling the Personalised Medicine Revolution

- 14.20 - 14.30 **Co-Chair: David Barton**
National Centre for Medical Genetics, Dublin, Ireland
- 14.30 - 14.40 **Co-Chair: Mario Pazzagli**
Professor of Clinical Biochemistry, Department of Clinical and Experimental Biochemical Science, University of Florence, Italy
- 14.40 - 15.00 **The new IVD regulation**
David Barton
Chief Scientist, National Centre for Medical Genetics, Dublin, Ireland
- 15.00 - 15.20 **A Workflow for molecular diagnostics in clinical oncology**
Mario Pazzagli
Professor of Clinical Biochemistry, Department of Clinical and Experimental Biochemical Science University of Florence, Italy
- 15.20 - 15.35 **Flushing out the truth! Development of a multiplex urinary tract infection detection test**
Martin Crockard
Molecular Diagnostics Manager, Randox Laboratories Ltd, Antrim, UK
- 15.35 - 15.50 **Precision medicine in South Asia : Challenges and Opportunities**
Vidam Ramprasad
Chief Operating Officer, MedGenome, Bengaluru, India
- 15.50 - 16.00 **Q&A**



14.20 - 16:00
Meeting Room
3B

CCRCB – ALMAC Session – The Realities of Delivering Personalised Medicine in Clinical Trials

- 14.20 - 14.30** **Chair: Richard Kennedy**
McClay Professor in Medical Oncology, Queen's University Belfast and Global VP of Biomarker Development, Almac Diagnostics, Craigavon, UK
- 14.30 - 14.50** **A Past and Present look at Clinical Trials & Drug Development**
Darren Hodgson
Senior Principal Translational Scientist, AstraZeneca, Stcckport, UK
- 14.50 - 15.15** **The Future Landscape of Personalised Medicine**
Matt Squires
Executive Director Oncology Precision Medicine Novartis, Basel, Switzerland
- 15.15 - 15.35** **The Changing Regulatory Framework for Personalised Medicine**
Stewart McWilliams
VP of Quality & Regulatory, Almac Diagnostics, Craigavon, UK
- 15.35 - 15.50** **Q&A and Wrap Up**
- Richard Kennedy**
McClay Professor in Medical Oncology, Queen's University Belfast and Global VP of Biomarker Development, Almac Diagnostics, Craigavon, UK
- 15.50 - 16.00** **Proffered Paper Presentation**
- Platinum-resistance in epithelial ovarian cancer (EOC) is dependent on a VEGFa-PDGFRα signalling mechanism that activates downstream angiogenesis pathways**
Aya El Helali
CCRCB, Queen's University Belfast, UK

16:00 - 16:40 Auditorium	Closing of conference: Keeping the promise and preparing for the future
16.00 - 16.05	Chair: Denis Horgan <i>Executive Director, European Alliance for Personalised Medicine, Bussels, Belgium</i>
16.05 - 16.10	Jevgeni Ossinovski <i>Minister of Health, Estonia</i>
16.10 - 16.20	Stephen Friend <i>Chairman, Co-Founder and Past President Sage Bionetworks; Leader Health Team, Apple Inc., San Francisco, USA</i>
16.20 - 16.30	Stanimir Hasurdjiev <i>Secretary-General of the Patient Access Partnership, Brussels, Belgium</i>
16.30 - 16.40	Gordon McVie <i>Co-Chair EAPM, Brussels, Belgium</i>
16.40 - 16.50	Tracy Meharg <i>Executive Director, InvestNI, Belfast, UK</i>
16.50 - 17.00 Auditorium	Next Steps to Realise the Congress Conclusions
	Denis Horgan <i>EAPM Executive Director</i>
	Mark Lawler <i>Chair in Translational Cancer Genomics, Queen's University Belfast, UK</i>