

# First “Show and Tell” Stakeholder meeting Realising the Potential of Real-World Evidence for Learning Healthcare Systems

 22 September (14:00-17:30)

 Zoom Webinar: <https://zoom.us/j/94687128568>

## 14.00-14.15 INTRODUCTION

### Introductory remarks & House keeping rules

*Jacki Davis (moderator)*

### Keynote: The EU Health Data Space and cross-country collaboration on real-world evidence

*Andrzej Rys, Director for Health Systems, Medical Products and Innovation, DG SANTE, European Commission*

## 14.15-15.30 SESSION 1: EXPERIENCE TO DATE IN THE USE OF RWE - WHAT DO WE KNOW?

### What does it take to use real-world evidence to enable decisions? - The role of real-world evidence in scientific advice and in novel outcomes-based reimbursement approaches

*Jo De Cock, CEO, Belgian National Institute for Health and Disability Insurance (INAMI/RIZIV)*

*Peter Mol, Professor of Drug Regulatory Science (University Medical Center Groningen), Clinical Assessor Dutch Medicines Evaluation Board, Vice-chair EMA Scientific Advice Working Party*

*Etienne Jousseume, Head of Market Access Cell & Gene Europe, Novartis*

*Adrian Jonas, Associate Director for Data and Analytics, UK National Institute for Health and Care Excellence (NICE)*

### Q&A, interactive debate

Moderated by *Jacki Davis*

Special interventions by: *Denis Lacombe, Director General, European Organisation for Research and Treatment of Cancer (EORTC) and Co-Chair of the European Cancer Organisation’s Health Systems and Treatment Optimisation Network; Yann Le Cam, Chief Executive Officer, EURORDIS; Wim Goettsch, Special Advisor HTA, Zorginstituut Nederland (ZIN)*

## 15.30-15.45 Break

## 15.45-17.15 SESSION 2: HOW TO REALISE A LEARNING HEALTHCARE SYSTEM?

### How a Learning Network should involve all stakeholders and the role of a ‘Data Analysis and Real-World Interrogation Network’

*Karen Facey, Senior Research Fellow, University of Edinburgh and lead author of RWE4Decisions Actions for Stakeholders*

*Peter Arlett, Head of the Data Analytics and Methods Task Force & Co-Chair of the EMA-HMA Big Data Taskforce, European Medicines Agency*

*Piia Rannanheimo, Pharmacoconomist, Finnish Medicines Agency (FIMEA)*

*Jakub Boratyński, Acting Director in charge of Digital Society, Trust and Cybersecurity, DG CONNECT, European Commission*

### Q&A, interactive debate

Moderated by *Jacki Davis*

Special interventions by: *Matthias Rose, Medical doctor at the Charité – Universitätsmedizin Berlin; Nicola Bedlington, Special Advisor, European Patients’ Forum; Ansgar Hebborn, Head – European Access Policy Affairs, Roche*

## 17.15-17.30 CONCLUDING SESSION: THE WAY FORWARD

Moderated by *Jacki Davis*

*Jo De Cock, CEO, Belgian National Institute for Health and Disability Insurance (INAMI/RIZIV)*

*Andrzej Rys, Director for Health Systems, Medical Products and Innovation, DG SANTE, European Commission*

## Speaker Biographies

*(by speaking order)*



### **Andrzej Rys**

Director for Health Systems, Medical Products and Innovation, DG SANTE, European Commission

Andrzej Rys is the Director responsible for health systems, medical products and innovation at the Directorate-General for Health and Food Safety (DG SANTE). He is a medical doctor by background specialized in radiology and public health. Rys is the founder and a former Director of the Centre for Innovation and Technology Transfer at Jagiellonian University. Prior to joining the European Commission, he was Deputy Minister of Health in Poland (1999 to 2002) and a member of the negotiation team for Poland's accession to the EU. In addition to his role at DG SANTE, Andrzej Rys is also an Alternate Member of the European Medicines Agency (EMA) Board.



### **Jo De Cock** CEO, INAMI

Jo De Cock has been CEO of the Belgian National Institute of Health and Disability Insurance (INAMI-RIZIV) since 1995. Prior to this, he was a Deputy Director and Counsellor for social affairs in the office of the Belgian Prime Minister (1985-1993) and later filled the position of adjunct general administrator of the National Social Security Office (1993-1995). Under Jo De Cock's thought leadership as CEO, INAMI-RIZIV conveyed a series of roundtables bringing together different stakeholders to consider the use of real-world evidence to ensure short term affordability, long-term sustainability and patient access in 2018 and 2019. This resulted in several papers including on ['The use of real world data throughout an innovative medicine's lifecycle'](#), ['Outcomes based pricing and reimbursement of innovative medicines with budgetary limitations'](#) and ['TRUST4RD: Tool for Reducing Uncertainties in the evidence generation for specialised Treatments for Rare Diseases'](#) (published in Orphanet). Since its creation in 2019, Jo De Cock is closely involved in the [International Horizon Scanning Initiative](#) (IHSI), an independent entity legally registered at RIZIV/INAMI and a spin-off of the BeNeLuxA initiative which aims to provide data to payer organisations and decision-makers to drive better medicinal products pricing.

**Peter Mol**

Professor of Drug Regulatory Science (University Medical Center Groningen); Clinical Assessor Dutch Medicines Evaluation Board; Vice-chair EMA Scientific Advice Working Party

Peter Mol is a principal clinical assessor at the Dutch Medicines Evaluation Board, Vice-Chair of EMA's Scientific Advice Working Party, and chair of the EMA Cross-Committee Task Force on Registries. On 1<sup>st</sup> August 2020, he was appointed as Professor of Drug Regulatory Science at the University Medical Center Groningen. His research focus is on regulatory science and on how to optimize regulatory decision-making, particularly the impact of personalised medicines and real-world evidence, how to improve knowledge transfer and risk management and risk communication.

**Etienne Jousseume**

Head of Market Access Cell & Gene Europe, Novartis

Etienne Jousseume has been the Head of Market Access Cell and Gene Europe at Novartis since 2017, in charge of CART access activities in this area. In this capacity, he has been contributing to various international conferences such as the 2020 DIA-EUCOPE workshop on ATMPs, Innovative Gene and Cell Therapies in the EU, which focused on the challenges and opportunities in securing access for patients to advance therapy medicinal products in Europe. He was previously the Head of Oncology Market Access in France and served as Franchise Head Rare Diseases for Novartis.

**Adrian Jonas**

Associate Director for Data & Analytics, National Institute for Health and Care Excellence (NICE)

Adrian Jonas leads the central data and analytics team in the UK National Institute for Health and Care Excellence (NICE). This provides central oversight, advice and support on all aspects of data and analytics; spearheading the transformation programme to enable more sophisticated collection, management, storage and exploitation of data across NICE to enable better evidence based decisions across all its business. Adrian joined NICE in 2018 following ten+ years working in a variety of roles in central government including as an Assistant Director within HMRC, Principal Analyst for Home and Foreign Affairs & Head of Profession for Operational Research within the Cabinet Office, and Head of Analysis and Management Information within the Foreign and Commonwealth Office

**Denis Lacombe**

Director General, European Organisation for Research and Treatment of Cancer (EORTC)

Dr Denis Lacombe has been the Director General of the European Organisation for Research and Treatment of Cancer (EORTC) since 2015. With a background in pharmacology and pharmacokinetics, Dr Lacombe joined EORTC in 1993 as a research fellow and in 2010 became the Director EORTC Headquarters. In 2020 he co-authored a study at the request of the Panel for the Future of Science and Technology (STOA) on '[Treatment optimisation in drug development](#)', calling for an integrated treatment optimisation approach, incorporating both interventional and observational research to bridge the research gap. Since April 2020, he is also the Co-Chair of the European Cancer Organisation Health Systems and Treatment Optimisation Network which is considering the use of real-world data, patient reported outcomes & clinical trial endpoints amongst other topics.

**Yann Le Cam****Chief Executive Officer, EURORDIS**

Yann Le Cam is CEO of EURORDIS-Rare Diseases Europe, an organisation which he founded in 1997. A patient advocate for over 30 years, he has been a frontline advocate and has called for pan-European negotiations that allow Member States to jointly agree on the value of innovative medicines, negotiate prices of orphan medicines, and agree on research activities to generate additional real-world evidence to improve access to medicine for patients with rare diseases. Le Cam has previously served as a member of the European Medicines Agency's (EMA) Management Board (2016 -2019). For 9 years he served on the EMA's Committee for Orphan Medicinal Products (COMP) and was one of the first patient representatives appointed to a committee at a medicine regulatory agency.

**Wim Goettsch****Special Advisor HTA, Zorginstituut Nederland (ZIN)**

Wim Goettsch has been Special HTA-Advisor at the Dutch National Health Care Institute (ZIN) since 2018. He is also an Associate Professor of International Collaboration in HTA at Utrecht University, where he is leading a H2020 consortium called HTx, new methods for Health Technology Assessment (2019-2024). Between 2017 and 2019, Dr Goettsch co-authored a number of papers on the use of real-world evidence in health technology assessment (HTA) practice. He has been actively involved in many initiatives on RWE from HTAi, ISPOR and IMI-GetReal and is currently co-leading a Dutch national initiative on patient registries for the monitoring of expensive pharmaceuticals. Previously, he was the Director of EUnetHTA Joint Action 3 from 2016 to 2018 where he introduced new models for 'Early Dialogues' and Joint Assessments that are applicable throughout the EU.

**Karen Facey****Senior Research Fellow, University of Edinburgh**

Karen Facey worked as a senior statistician in the pharmaceutical sector and UK medicines regulation, before becoming the founding Chief Executive of the first national HTA agency in Scotland. Since 2003, Dr Facey has been an independent consultant on health policy, HTA and patient involvement. She has served as Non-Executive Director on Scottish health boards and now leads research part-time on appraisal of rare disease treatments in the IMPACT HTA project as Principal Investigator at the University of Edinburgh. She is passionate about holistic HTA to determine value and use of health service data to improve patient care. Dr Facey has facilitated the development of the RWE4Decisions multi-stakeholder initiative and is the lead co-author of the paper on 'Real-World Evidence to Support Payer/HTA Decisions about Highly Innovative Technologies in the EU – Actions for Stakeholders', commissioned by the Belgian payer INAMI/RIZIV.

**Peter Arlett****Head of the Data Analytics and Methods Task Force, European Medicines Agency**

Peter Arlett is the Head of the Data Analytics and Methods Task Force at the European Medicines Agency (EMA). He was also co-chair of the HMA-EMA joint Big Data Task Force which recommended in a [recent report](#) the creation of a **Data Analysis and Real-World Interrogation Network (DARWIN)** – a network of healthcare databases across the EU containing information from a variety of real-world sources that could be used to drive decision-making. In 2019, he co-authored [a paper](#) on 'Real-World Data for Regulatory Decision-Making: Challenges and Possible Solutions for Europe'. A medical doctor by background, he joined the EMA in 2008 as the Head of the Pharmacovigilance and Risk Management Department. Prior to joining the EMA, he was a Principal Administrator in the Pharmaceuticals Unit of the European Commission and an Expert Assessor at the UK MHRA.





**Piia Rannanheimo**

**Pharmacoeconomist, Finnish Medicines Agency (Fimea)**

Piia Rannanheimo is a pharmacoeconomist at the Finnish Medicines Agency (Fimea). She joined Fimea’s HTA-team in 2010. With a background in Pharmaceutical Sciences, Rannanheimo has contributed to numerous national, Nordic and European HTAs and worked as a visiting researcher at CADTH and Center for Health Economics at University of York. She also serves as an expert for the Council for Choices in Health Care in Finland. She’s also been a member in several working groups led by the Ministry of Social Affairs and Health in Finland, including a working group that defined a national enterprise architecture for pharmacotherapy related data management. Currently she is authoring a report, commissioned by the Ministry, on medical product data and information management in Finland. In 2018, Rannanheimo submitted a [report](#), also commissioned by the Ministry, on the use of RWD describing the uses of RWD from the perspectives of regulation of medicines and medical devices, HTA and rational use of medicines. She is one of the co-authors of the RWE4Decisions paper on ‘Real-World Evidence to Support Payer/HTA Decisions about Highly Innovative Technologies in the EU – Actions for Stakeholders’, commissioned by INAMI/RIZIV.



**Jakub Boratyński**

**Acting Director in charge of Digital Society, Trust and Cybersecurity, DG CONNECT**

Acting Director of Directorate CNECT H, Digital Society, Trust and Cybersecurity and Head of Unit ‘Cybersecurity and Digital Privacy Policy’ within the European Commission (Directorate-General Communication Networks, Content and Technology). Among others, involved in negotiations of the Cybersecurity Act, implementation of the Network and Information Security (NIS) Directive, preparation of the Commission’s Recommendation for a common EU approach to the security of 5G networks, the EU cyber-security strategy’s actions on resilience and cooperation with the EU Agency for Network and Information Security (ENISA). He also directly contributed to the production of the EU Cybersecurity Strategy.

Previously Head of Unit ‘Organised Crime and Relations with EMCDDA’ at the European Commission (Directorate-General Home Affairs), which has the lead responsibility for the fight against cybercrime, corruption, sexual abuse of children and confiscation of criminal assets. In relation to cybercrime, involved in negotiation and drafting of two directives (on cyber-attacks and sexual exploitation of children) and establishment of the European Cybercrime Centre (EC3). Previously worked on EU relations with Russia (Directorate-General External Relations).

Before joining the European Commission, a Director at the Stefan Batory Foundation in Warsaw and Policy Officer with the United Nations High Commissioner for Refugees. Graduate of the London School of Economics and the University of Warsaw (international relations, law).

**Matthias Rose**

Professor and Chair, Center for Internal Medicine and Dermatology, Department of Psychosomatic Medicine, Charité - Universitätsmedizin Berlin

Dr. Matthias Rose is Chair of the Department of Psychosomatic Medicine at the Charité in Berlin, which is one of the largest University clinics in Europe. Dr. Rose has worked in the field of health outcome research for almost two decades. He implemented an electronic Patient-Reported Outcome (ePRO) measurement system that used Computer Adaptive Test (CATs) on Personal Digital Assistants in daily clinical contexts. In 2004, he participated in the NIH roadmap initiative to build one of the most comprehensive Patient-Reported Outcome Measurement Information Systems (PROMIS) today. More recently, he was also been involved at EU level in the IMI Health Outcomes Observatories project which aims to set up a platform allowing patients to measure their outcomes in a standardized manner.

**Nicola Bedlington**

Special Advisor, European Patients' Forum (EPF)

Nicola Bedlington has been EPF's Special Advisor since 2019. She was previously the Secretary General of the EPF (2014 – 2019) and the Executive Director (since 2006). In these roles, she has worked on greater patient involvement throughout the whole life cycle approach – from identifying unmet needs rights through to real-world evidence collection. Nicola chairs the "Data Saves Lives" multi-stakeholder initiative, led by EPF, which aims to raise wider patient and public awareness about the importance of health data and how it is used. She is Co-chair of the European Patient Academy on Therapeutic Innovation (EUPATI) and Co-lead of the PARADIGM project on patient engagement. Prior to her time with the EPF, she worked for the Swiss Government (2004-2006) on education for sustainable development, and was an external expert for the European Commission on disability policy and NGO cooperation. Bedlington was also the founding Director of the European Disability Forum from 1996 to 1999.



**Ansgar Hebborn****Head – European Access Policy Affairs, F. Hoffmann-La Roche AG**

Ansgar Hebborn is Roche Pharma's Head of European Access Policy. In this role, he focuses on evidence development and HTA, pricing and reimbursement decision making frameworks and their impact on patient access and biopharmaceutical innovation. He has taken an active role as advisor and stakeholder representative in various HTA collaboration networks including EU HTA Network, EUnetHTA and the HTAi Policy Forum Committee, and also has been involved in the foundation of other initiatives in this field e.g. the Green Park Collaborative, the HTAi Asia Policy Forum and Swiss HTA. In an earlier role as health economist and outcomes research specialist for Roche in the US, he has gathered extensive experience with real-world data research.

**Webinar link**

**<https://zoom.us/j/94687128568>**

**Real-world Evidence to Support Payer/HTA Decisions about Highly Innovative Technologies in the EU – Actions for stakeholders**

*The RWE4Decisions paper was published in the International Journal of Technology Assessment in Health Care in August 2020 and will be discussed on 22 September.*

**Objectives.** There are divergent views on the potential of real-world data (RWD) to inform decisions made by regulators, health technology assessment (HTA) bodies, payers, clinicians, and patients. This RWE4Decisions initiative explored the particularly challenging setting of highly innovative technologies, which require Payers/HTAs to make decisions on a small evidence base with major uncertainties. The aim was to go beyond strategic intent to consider actions that each stakeholder could take to improve use of RWD in this setting.

**Results.** Case studies of recent Payer/HTA decisions about highly innovative technologies were considered in light of recent international initiatives about RWD. This showed a lack of clarity about the Payer/HTA questions that could be answered by RWD and how the quality of real-world evidence (RWE) could be assessed. All stakeholders worked together to create a vision whereby stakeholders agree what RWD can be collected for highly innovative technologies based on principles of collaboration and transparency. For each stakeholder group, recommended actions to support the generation, analysis, and interpretation of RWD to inform decision making were developed. For HTA bodies, this includes cross border HTA/regulatory collaboration to agree RWD requirements over the technology life cycle to inform initial recommendations and reassessment, data analytics methods development for HTA, and promotion of transparency in RWE studies.

**Recommendations.** Stakeholders need to collaborate on demonstration projects to consider how RWE can be developed to inform healthcare decisions and contribute to a learning network that can develop systems to support a learning health system and improve patient outcomes through best use of RWD.

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# PARTICIPANT LIST

## 22 September, Online



Title	Last name	First name	Name of Organisation	Position
Mr.	Ahtola	Martti	Tepsivo Oy	COO
Dr.	Ahuja	Tarry	CADTH	Manager of Program Development, RWE Associate
Ms.	Albano	Claire	Gilead Sciences	Associate Director EU Affairs
Dr.	Albrecht	Tit	National Institute of Public Health	Head of Centre / Senior Researcher
Mr.	Arlett	Peter	European Medicine Agency	Head of Data Analytics and Methods Task Force & Co-Chair of the EMA-HMA Big Data Taskforce
Ms.	Anderson	Dörte	AstraZeneca	Manager Evidence Generation
Dr.	Androutsou	Lorena	University of Neapolis, Pafos, Cyprus	visiting professor in health policy
Mr.	Azais	Boris	MSD	Director Public Policy
Mr.	Baatenburg de Jong	Corné	Dutch Arthritis Society	Vice President
Mr.	Baelus	Benjamin	AstraZeneca	Associate Director Government Affairs
Mr.	Baker	Lee	Interel	Director, Health
Ms.	Batchelor	Laura	RWE4Decisions	Secretariat (FIPRA)
Ms.	Baldini	Benedetta	ESIP (European Social Insurance Platform)	Policy Officer
Mr.	Barefoot	Bart	GlaxoSmithKline	Director, RWE Policy
Dr.	Barker	Chris	consultant	CEO
Dr.	Bauer	Melissa	Novartis Oncology	Sr. RWE Scientist
Ms.	Bedlington	Nicola	European Patients' Forum	Special Advisor
Dr.	Behring	Antje	Federal Joint Committee	Head of Departement
Dr.	Binazir	Kayhan	Roche	Med Affairs
Ms.	Blaise	Odile	Janssens	AD GTL
Ms.	Blandino	Marie	Amgen	Policy director europe
Mr.	Bols	Thomas	PTC Therapeutics	Head of Government Affairs and Public Policy, EMEA & APAC
Mr.	Bonetti	Andrea	Chiesi	Head of Brussels Liaison Office
Mr.	Boratyński	Jakub	DG CONNECT – European Commission	Acting Director in charge of Digital Society
Ms.	Borchardt	Marine	RWE4Decisions	Secretariat (FIPRA)
Ms.	Bosch	Ilse	NHS Confederation	Consultant
Mr.	Boselli	Simone	EURORDIS Rare Diseases Europe	Public Affairs Director
Mr.	Brady	David	Novartis	Communications
Dr.	Brady	Laura	Fighting Blindness	Head of Research
Mr.	Brunner	Julian	Novartis Pharma Schweiz AG	Public Affairs Manager
Mr.	Bucar	Damir	Novartis	Data Scientist
Ms.	Burrell	Anita	Anita Burrell Consulting	Founder
Mr.	Butler	Simon	Gilead Sciences	Associate Director Government Affairs and Policy

Title	Last name	First name	Name of Organisation	Position
Mr.	Caic	Franjo	Pfizer	EU government affairs senior manager
Mr.	Calabro'	Michele	European Patients' Forum (EPF)	Policy Adviser
Prof.	Capkun	Gorana	Novartis	Head RWE Enablement
Mr.	Le Cam	Yann	EURORDIS	CEO
Ms.	Cardone	Antonella	European Cancer Patient Coalition	Director
Ms.	Carraro	Vittoria	EUCOPE	Govt Affairs
Dr.	Carroll	Colm	Innovative Medicines Initiative	Scientific Project Manager
Dr.	Cattaneo	Ivana	Novartis	Director
Ms.	Chahal	Komal	Leukaemia Care	Patient advocacy officer
Mr.	Charter	Richard	Alira Health	Vice president
Ms.	Chatzidimitriadou	Zinovia	Sidley Austin	Associate
Mr.	De Cock	Jo	INAMI/RIZIV	CEO
Mr	Corazza	Andrea	Biogen	Head of Brussels Office
Mr.	Correia	Alex	INFARMED	Market Access Assessor
Dr.	Costa-Scharplatz	Madlaina	Novartis	Nordic RWE Head
Mr.	Couespel	Norbert	European Cancer Organisation	Policy & Advocacy Team
Ms.	Crabbé	Karen	pharma.be	Economist & health data policy expert
Dr.	Dawson	Christine	Europe Social Insurance Platform - ESIP	Director
Mr.	De Berdt	Paul-Patrick	Novartis	Market Access and Public Affairs Manager Oncology
Mr.	De Cock	Rudy	Pfizer	Director Health & Value
Mr.	de Trogoff	Augustin	REIF	Intern
Mr.	Dedes	Nikos	Greek Patients Association	General Secretary of Board of Directors
Ms.	Deutsch	Jillian	Politico	Health reporter
Mr.	Digneffe	Toon	Takeda	Head EU Public Affairs & Public Policy
Mr.	Do	Thy	F Hoffman-La Roche	Access RWE Lead
Mr.	Dolfi	Dalila	Seqirus	Global RA Lead
Ms.	Duarte	Ana	European Commission	Policy Officer
Ms.	Dwivedi	Neha	ROCHE	Senior Manager Access
Dr.	Eija	Heikkila	Oriola	Research Manager
Ms.	Enache	Ioana	Baxter	Snr Manager Gvt Affairs EMEA
Dr.	Ermisch	Michael	GKV-Spitzenverband	Specialist
Ms.	Essers	Lotte	KU Leuven	Master student farmaceutische wetenschappen
Dr.	Facey	Karen	University of Edinburgh	Senior Research Fellow
Ms	Fandel	Marie Helene	Ind.	
Ms.	Feenstra	Nienke	Takeda	General Manager
Dr.	Felder	Stephan	HealthEcon AG	Team Lead Market Access & Reimbursement

Title	Last name	First name	Name of Organisation	Position
Ms.	Filkauskas	Gabriele	Roche	Policy
Ms.	Finnegan	Rachel	BioMarin	Director Government Affairs EUMEA
Ms.	Fovel	Isabelle	AstraZeneca	RWE Manager Belgium
Ms.	Frénoy	Edith	EFPIA	Director Market Access, HTA policy lead
Ms.	Gaisch-Hiller	Sandra	Baxter	Sr Director Gov Policy, Adv & Reimbursement
Ms.	Geers	Janice	Janssen	Market Access Manager
Ms.	Geist	Marie Aavang	Orphazyme A/S	Head of Clinical Safety
Dr.	Gertow	Karl	Roche AB, Sweden	RWE Partner
Ms.	Gialeli	Anastasia	Biologische Heilmittel Heel GmbH	Legal Counsel
Ms.	Gibbs	Meg	Novartis	Director Health Economics
Ms.	Giorgio	Flora	DG SANTE	Head of Sector
Mr.	Goba	Edgars	Nacional Health service Latvia	Deputy Director of Information and Communication Technology
Mr.	Goettsch	Wim	National Health Care Institute	Senior Advisor HTA
Ms.	Goovaerts	Hannah	Pfizer	HEOR manager
Dr.	Griffiths	Hazel-Anne	Seqirus Ltd	Head of Regulatory Affairs EMEA
Mr.	Grimm	Bernard	EuropaBio	Healthcare Biotechnology Director
Ms.	Grooten	Elke	Novartis Pharma	Head EU Relations
Ms.	Guest	Sophie	Roche	Health Economist
Ms.	Guldborg	Christina	Orphazyme	Director Clinical Outcomes
Dr.	Härkönen	Ulla	Fimea	Research Physician
Dr.	Happonen	Pertti	Finnish Medicines Agency	Director
Mr.	Hebborn	Ansgar	Roche	Head – European Access Policy Affairs
Ms.	Hembry	Julia	Medac GmbH	Global Market Access Manager
Mr.	Hemels	Michiel	Genmab	Head of Market Access & Pricing
Mr.	Hill	Steve	PTC Therapeutics	Director Market Access
Mr.	Hughes	Nigel	Janssen	Scientific Director
Dr.	Hulstaert	Frank	KCE	senior researcher
Ms.	Huneault	Louise	Novartis AG	Head, Patient Advocacy/Hematology, Region Europe
Ms.	Hunter	Heidi	Remidi	President
Ms.	Jaksa	Ashley	Aetion	VP Analytic Solutions
Dr.	Janska	Agnieszka	AstraZeneca	IVS & E Payer Analytics Lead
Dr.	Jauhonen	Hanna-Mari	Finnis Medicines Agency	Research physician
Mr.	Jonas	Adrian	NICE	Associate Director for Data and Analytics
Dr.	Jonsson	Pall	National Institute for health and Care Excellence	Associate Director Science Policy and Research

Title	Last name	First name	Name of Organisation	Position
Mr.	Jousseau	Etienne	Novartis	Head Market Access Cell and Gene Europe
Dr.	Lacombe	Denis	EORTC	Director General
Mr.	Laine	Juha	Roche	Real World Data Lead & Health Economics Advisor
Ms.	Lo Scalzo	Alessandra	Agenas	Researvher
Ms.	Karaskova	Eva	Novartis	Public Affairs and Patient Advocacy Manager
Ms.	Kempeneers	Veerle	Pfizer	Access Manager
Dr.	Kent	Seamus	NICE	Senior Adviser
Prof.	Klinkhammer-Schalke	Monika	Tumorzentrum Regensburg Institut der Universität Regensburg	Direktorin
Dr	Kleinermans	Diane	Cabinet of the Minister of Social Affairs & Public Health	Advisor
Ms.	Kloss-Wolf	Regina	Abbott GmbH	Drector Market Access
Mr	Kyhlstedt	Mattias	Synergus RWE	CEO
Dr.	Lambert	Marie-Laurence	Institut national d'assurance maladie-invalidité	Médecin Expert
Ms.	Landsberg	Christiane	Novartis	Director Government Relations Oncology Public Affairs
Dr.	Lähteenvuo	Johanna	Fimea	Senior medical officer
Ms.	Lee	Anne	Scottish Medicines Consortium	Chief Pharmacist
Ms.	Lemos	Katya	Janssen	GTL
Ms.	Leto	Marie-Laure	Novartis Oncology	Head Market Access & Customer projects
Ms.	Levallois	Héloïse	Ipsen	Public Affairs Manager
Ms.	Lieverse	Karien	Janssen-Cilag B.V.	Compliance Manager
Ms.	Liljelund	Lotta	Novartis	Head Publiv Affairs Sweden
Mr	Lindner	Leandro	AstraZeneca	Head of Global Market Access and Pricing Respiratory and Immunology
Dr.	Lopes	Sara	Shionogi BV	Global Market Access
Mr.	Low	Eric	Eric Low Consulting	Director
Mr.	Maheas	Arnaud	Sandoz	Director Public Affairs Europe
Dr.	Makady	Amr	Janssen Cilag b.v.	Health Economics & Market Access Manager
Ms.	Marbaix	Sophie	Pfizer	Access and Health Economics Manager
Mr.	Marchi	Davide	Vertex Pharmaceuticals	Associate Director, Patient Engagement
Mr.	Martin	Angel	Johnson & Johnson	Director, GA&P EMEA, Medical Technologies
Ms.	Matthew	Ijeoma	Janssen Cilag	Global Trial Leader (Associate Director)
Ms.	Mertsch	Sabine	ResMed Germany Inc.	Market Access Manager
Ms.	Michelsen	Sissel	KU Leuven	PhD Researcher
Dr.	Mol	Peter	University Medical Center Groningen, Dutch Medical Evaluation Board,	Professor and Clinical Assessor
Ms.	Moses	Heather	Novartis	Medical Director
Ms.	Munoz	Patricia	European Society of Cardiology	EU Policy and Advocacy Coordinator
Dr.	Närhi	Ulla	Ministry of Social Affairs and Health	Ministerial Adviser



Title	Last name	First name	Name of Organisation	Position
Ms.	Negri	Daniela	Weber Shandwick	Director
Ms.	Nikai	Enkeleida	J&J	Head of RWE, EMEA
Ms.	Norberto	Rosalia	Infarmed	Data Analyst
Ms.	Novo	Joana	Novartis	Public Affairs Specialist
Dr.	O'Leary	Aisling	NCPE	Chief II pharmacist
Dr.	Olaye	Andrew	Orchard Therapeutics Ltd	Senior Director, EMEA Market Access
Mr.	Olivares	Jesus	RWE4Decisions	Secretariat (FIPRA)
Dr.	Orsini	Lucinda	ISPOR	Associate chief science officer
Dr.	Ostertag	Mareike	Novartis AG	Global Head Policy Strategy
Ms.	Padeanu	Cristina	CP Consulting	Senior Consultant
Ms.	Paixao	Carla	Novartis Oncology	Market Access & Ext Affairs Mgr
Mr.	Parnaby	Adam	BMS	Senior Director
Ms.	Paulo	Tatiana	Roche	HTA Evidence Lead
Mr. Ms.	Pedersen	Maria	Cdeu	Senior advisor health
Dr.	Palomäki	Tiina	Finnish medicines agency	Senior researcher
Dr.	Petelos	Elena	University-of-Crete/Maastricht-University/EUPHA	SRF-in-Public-Health/Lecturer-in-EBM-EIP
Mr.	Peters	Ton	Janssen	Associate director Evidence Generation
Dr.	Piha	Tapani	Fipra International Network	Special Adviser
Dr.	Pilatowicz	Arkadiusz	Janssen	Global Program Lead
Dr.	Pimperl	Alexander	AstraZeneca	Director Data Insights & BI
Ms. Dr.	Pirard	Vinciane	Orchard therapeutics	Senior government affairs
Dr.	Poitrinal	Priscille	Ultragenyx	VP Market Access Europe
Mr.	Price	Richard	European Cancer Organisation	EU Affairs Policy Manager
Dr.	Quaglio	Gianluca	European Parliament	Polcy analyst
Mr.	Rak	Aaron	Seqirus Vaccines	Director, Public Policy
Dr.	Rannanheimo	Piia	FIMEA	Pharmacoeconomist
Dr.	Regnier	Stephane	Novartis	Head HEOR Excellence
Ms.	Reichman	Nicole	Amicus Therapeutics Europe Limited	Head of Legal, International
Mr.	Renda	Vincenzo	Digitaleurope	Senior Policy Manager
Ms.	Rittmeyer	Carolin	AMS Advanced Medical Services GmbH	Biostatistician
Ms.	Rofagha	Bea	Schuttelaar & Partners	Senior Advisor
Dr.	Rogers	Heather	Biocruces Bizkaia Health Research Institute	Ikerbasque Research Fellow
Dr.	Rose	Matthias	Medical Doctor	Charité – Universitätsmedizin Berlin
Mr.	Ross	Tanel	TalTech	Health Care Specialist
Ms.	Rouillard	Anna	Interel	AD

Title	Last name	First name	Name of Organisation	Position
Mr.	Roux	Jean Louis	BioMarin	Government Affairs EUMEA
Dr.	Ruckdäschel	Stephan	HealthEcon Ltd	Managing Director
Dr.	Rys	Andrzej	DG SANTE – European Commission	Director for Health Systems, Medical Products and Innovation
Dr.	Sabbah	Ramzieh	Novartis	Medical Manager
Mr.	Saesens	Robbe	European Organisation for Research and Treatment of Cancer (EORTC)	Research fellow
Dr.	Salomonsson	Stina	MSD/CORE Regional	Executive Director
Mr.	Samereier	Matthias	AMS Advanced Medical Services	Medical Writer
Mr.	Sandhu	Gurmit	UNI FHNW Applied Sciences & Arts, Basel, Switzerland	Masters student in medical informatics
Mr.	Sangiorgi	Luca		
Dr.	Santaholma	Jaana	Novartis Finland Oy	Country Medical Manager
Ms.	Sappede	Claudine	Novartis International AG	Director, Global HTA Policy
Dr.	Schaub	Vanessa	F. Hoffmann La Roche	Global Access Senior Health Systems Strategy Leader HTA
Mr.	Schreuder	Arthur	Cooperatie 4LifeSupport Europa ua	Chairman
Dr.	Schug	Stephan	EHTEL	Chief Medical Officer
Ms.	Sercic	Maja	Medicines for Europe	Policy&Science Manager
Dr.	Sievert	Henning	AstraZeneca GmbH	RWE Manager Oncology
Ms.	Sile	Dita Erna	Novartis	Baltic Head of Patient Access and Corporate Affairs
Dr.	Siska	Ioana	European Commission - DG SANTE	Policy Officer
Ms.	Sommer	Josefine	Sidley Austin LLP	Senior Associate
Dr.	Sotirelis	Chris	EMA Patient Expert	Patient Representative
Dr.	Sundgreen	Clauss	Orphazyme A/S	Medical Director
Dr.	Terwey	Jan-Henrik	Atara Biotherapeutics	VP, Head of Medical Affairs Europe
Mr.	Tuovinen	Mika	MSD	Market Access Manager
Ms.	Tyszkiewicz	Aneta	EFPIA	Senior Manager Digital and Data
Ms.	Umuhire	Denise	Janssen	Sr RWE Manager
Mr.	Van Calster	Johan	Clivan bvba, Policy and Government Affairs Office for Medicinal Products	Administrator
Mr.	Van de Castele	Marc	Rijksinstituut voor ziekte- en invaliditeitsverzekering RIZIV	MD internist PhD
Dr.	van Denderen	Jacqueline	Janssen Cilag	manager real world evidence
Ms.	van Overbeeke	Eline	Pfizer	Health Economics and Outcomes Research Manager
Mr.	Van Riet	Jonas	European Society of Radiology	Policy Officer
Mr.	Van Roijen	Danny	COCIR	Digital Health Director
Mr.	Van Roose	Wim	Bristol Myers Squibb	Hospital Access & eHealth Manager
Ms.	Vandenbosch	Justine	ResMed	Director, Govt Affairs EMEA
Mr.	Van Gassen	Geert	Takeda	Evidence Generation Manager

Title	Last name	First name	Name of Organisation	Position
Mr.	Vertriest	Jan	MSD Belgium BVBA	RWD Manager
Ms.	Vieira	Samantha	Biogen	Product Development and Commercial Lead
Mr.	Vlassembrouck	jean-marie	EORTC	adviser
Ms. Dr.	Voipio-Pulkki	Liisa-Maria	Ministry of Social Affairs and Health	Director General, CMO
Mr.	Ward	Adrian	Roche	Global Access Policy Leader
Ms.	Wendorff	Kaja	AstraZeneca	Governmental Affairs Manager
Ms.	Winkelmann	Sandra	DSV-Europa	Expert
Dr.	Winzenrieth	Angelique	PTC Therapeutics	VP Regulatory Affairs, International Management
Ms.	Wolf	Maija	Novartis	Nordic RWE Lead
Ms.	Wurm	Anna	acumen public affairs	Consultant
Dr	Xoxi	Entela	Catholic University of Rome Sacro Cuore	Researcher consultant
Mr.	Zaiac	Michael	Novartis	Head of Medical affairs ORE
Ms.	Zilli	Veronica	Johnson & Johnson	Senior Manager
Ms.	Zimmermann	Mikaela	RWE4Decisions	Secretariat (FIPRA)

**Number of participants: 231**