EPAD
European Prevention of
Alzheimer's Dementia Consortium

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European Prevention of Alzheimer Dementia

Serge Van der Geyten
IMI EPAD Coordinator

IMI Roundtable
Alzheimer's Disease: Advancing Research Through Collaboration
8 November 2016 - European Parliament, Brussels, Belgium

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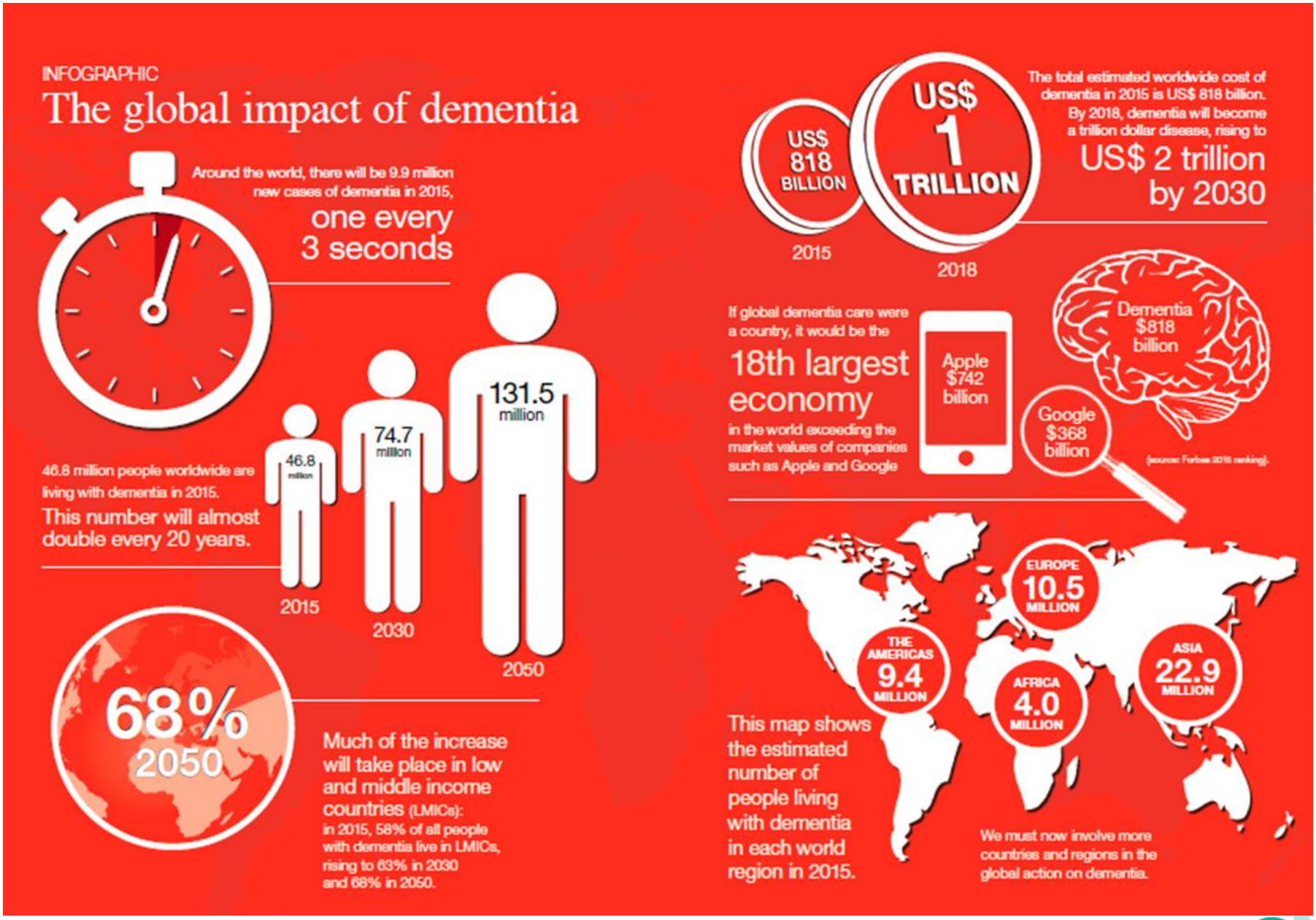

Reproduced from the Alzheimer Disease International (ADI)
World Alzheimer Report 2015

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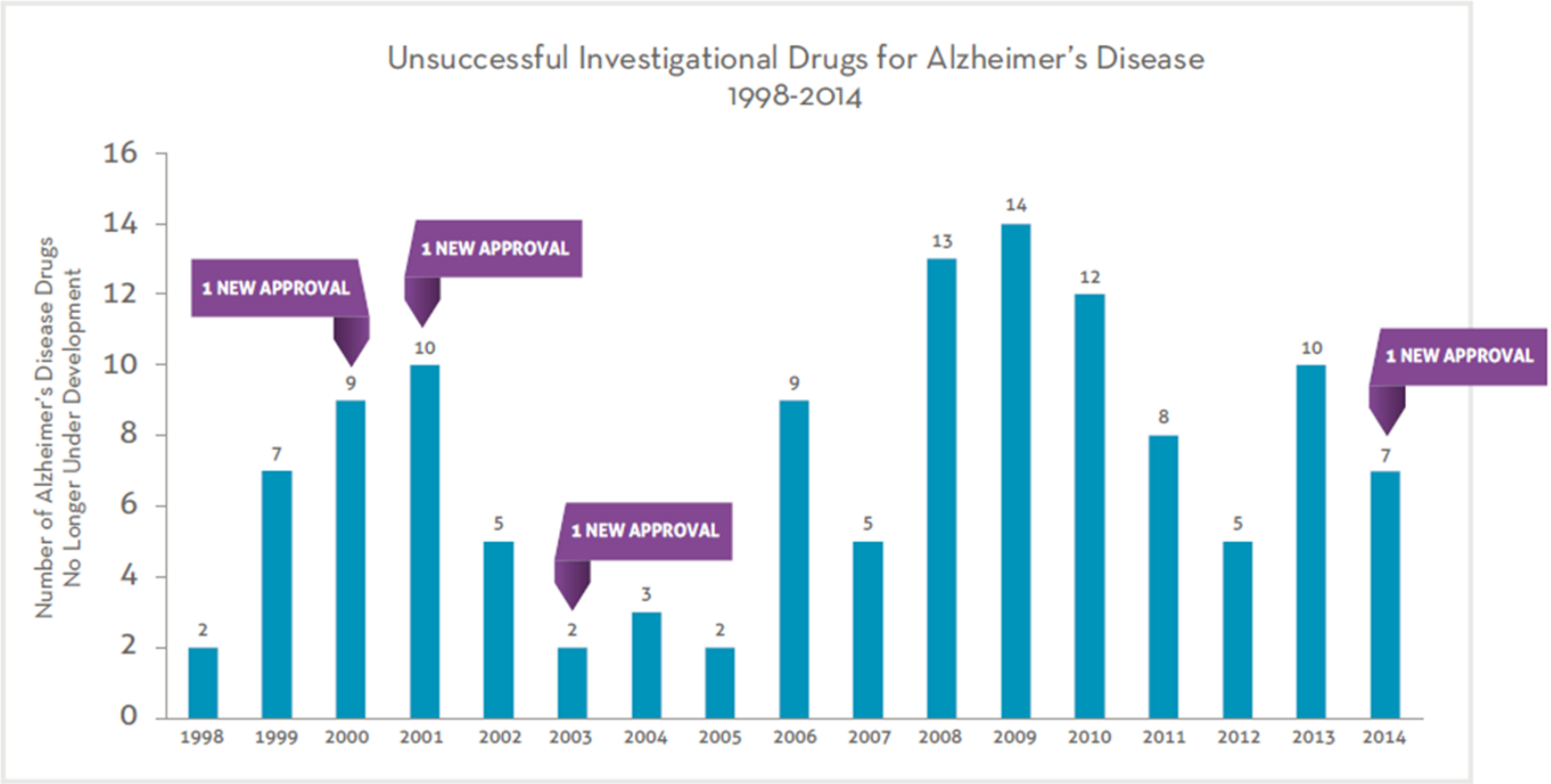
The Sad Truth



123 Total Unsuccessful Drugs | **4** Total Approved Medicines

Source: PhRMA analysis of Adis R&D Insight Database, 17 June 2015.

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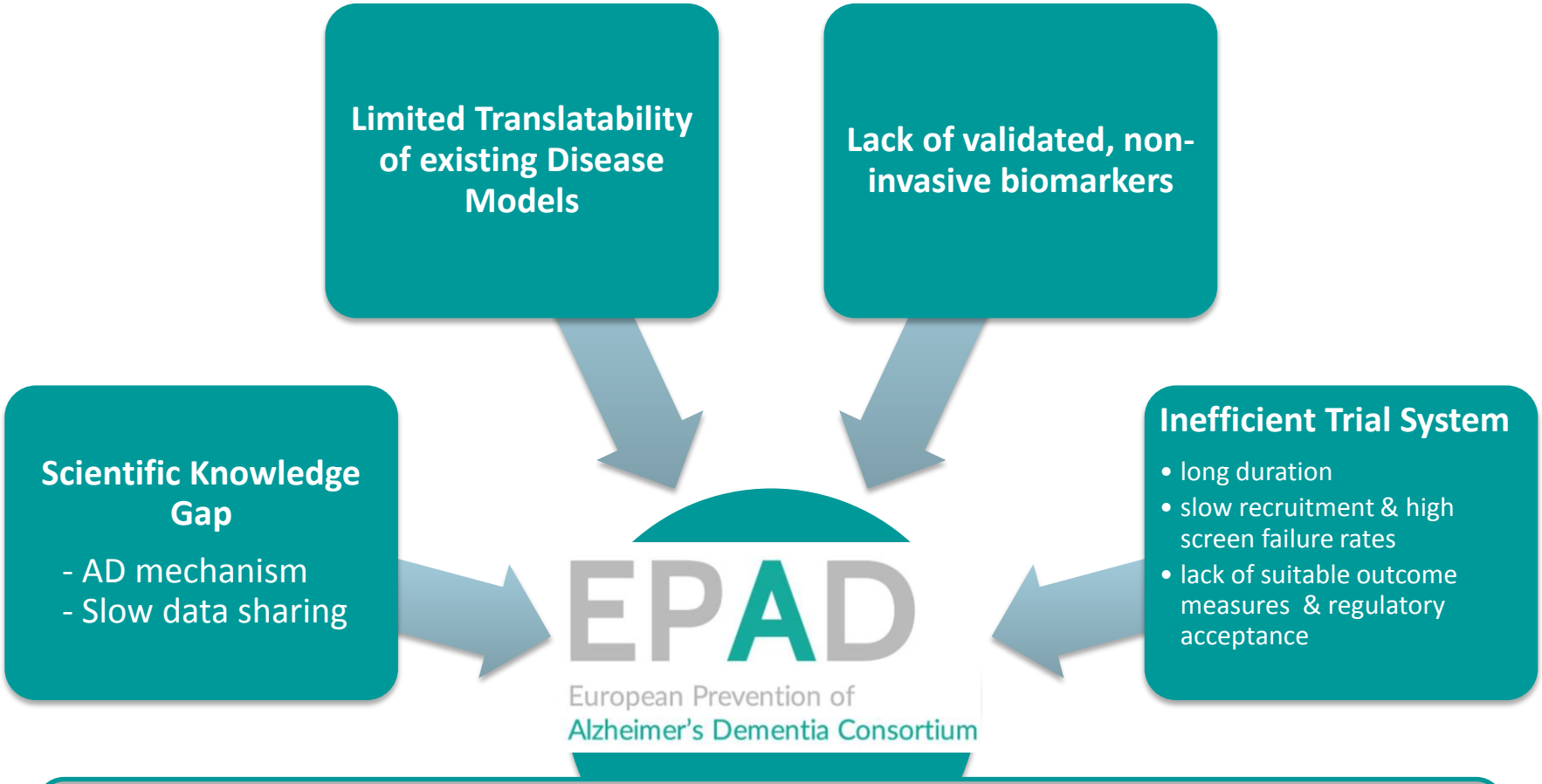
Why EPAD?



EPAD aims to Develop a Platform to test treatments for the Secondary Prevention of Alzheimer's Dementia

EPAD Stepped Approach

Criteria for identifying AD pathology

Define **criteria for identifying AD pathology early in the course of disease** in people who have no or minimal symptoms

EPAD Register
N = ± 24,000

Identifying these individuals from existing population and clinical cohorts or registers.

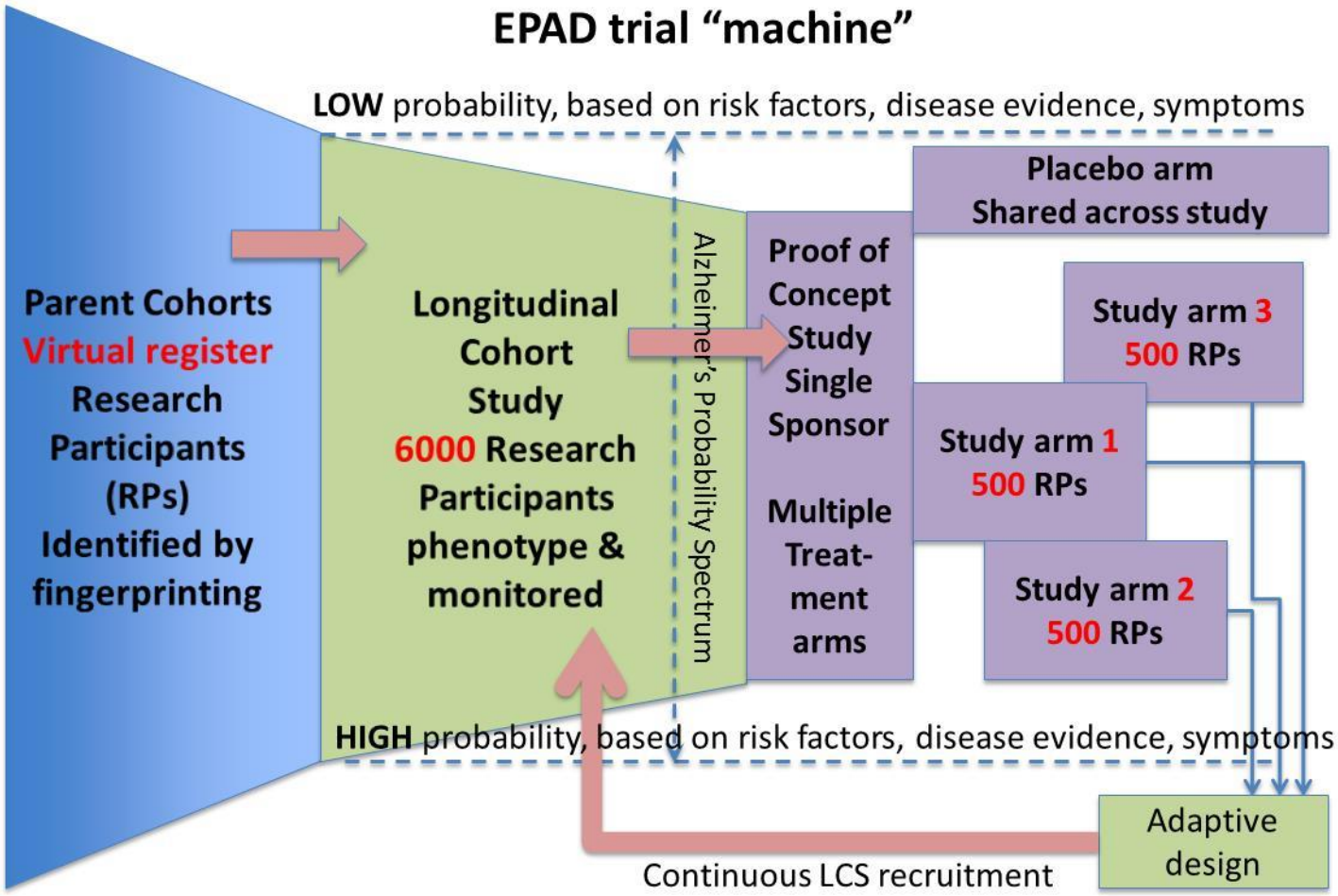
EPAD Cohort
N = ± 6000

Developing a large longitudinal cohort study to ease identification for trial inclusion, provide trial run-in data and generate high quality data for updating AD disease models, including defining risk for developing AD and evaluating efficacy

EPAD Trial
N = ± 1500

Establishing a protocol and infrastructure for a standing, double-blind, adaptive, proof-of-concept clinical trial for secondary prevention of AD

EPAD Project Overview



EPAD Partners

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Academia

- The University of Edinburgh
- University of Oxford
- barcelonaβeta Brain Research Center
- Karolinska Institutet
- VUmc VU University Medical Center Amsterdam
- University of Cambridge
- MRC Biostatistics Unit
- Université de Genève
- Radboudumc
- Cardiff University / Prifysgol Caerdydd
- Hôpitaux de Toulouse
- Erasmus MC University Medical Center Rotterdam
- Hôpitaux Universitaires Pitié Salpêtrière - Charles Foix
- Instituts thématiques Inserm Institut national de la santé et de la recherche médicale
- University of Leicester
- Fraunhofer FHR

SMEs

- aridhia
- IXICO
- SYNAPSE
- Berry Consultants Statistical Innovation

Other industry

- QUINTILES
- Araclon Biotech Grifols

EFPIA

- janssen Pharmaceutical Companies of Johnson & Johnson
- Eisai
- SANOFI
- NOVARTIS
- Boehringer Ingelheim
- Lilly
- Lundbeck
- Takeda
- AC IMMUNE
- Biogen
- AMGEN
- Pfizer
- ucb Inspired by patients. Driven by science.

Patient Organisation

- Alzheimer Europe

EPAD Collaborating to prevent AD

AETIONOMY

ARUK Drug Discovery Institute

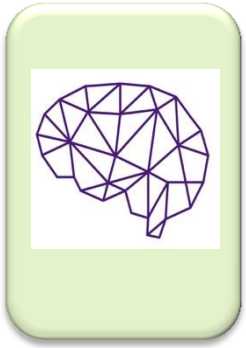
Alzheimer's Research UK

wellcome trust

Target identification and development

Dementias Platform UK

Deep and Frequent phenotyping



Trials ready cohorts and data

European Medical information Framework

EMIF

Global Alzheimer's Prevention

EPAD

Proof of concept trials

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Acknowledgments

EPAD National Leads &TDCs

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- Miia Kivipelto
- Alina Solomon
- Stefan Borg
- and many more

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- Miia Kivipelto
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- Brian Tom

EPAD ExCom

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- Serge Van der Geyten

EPAD PMO

- Carlos Diaz
- Sandra Pla
- Lennert Steukers

Scientific Advisory Groups

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- Carol Brayne

Ethics

- Carol Brayne
- Shirlene Badger
- Richard Milne
- Edo Richard
- Krista Tromp
- Maartje Schermer

Legal

- Wouter Deneyer
- Fiona Campbell
- Lindsay Hampton

www.ep-ad.org

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