

Influencing the trajectories of ageing

Friday 16 September 2016, 09.30 – 17.00

Academy of Medical Sciences, 41 Portland Place, London W1B 1QH

09.00-09.30	Registration
09.30-09.40	Welcome Professor Tom Kirkwood CBE FMedSci (co-chair), Professor of Biogerontology, Center for Healthy Aging, University of Copenhagen
09.40-10.00	How can the science be translated into practice – what do we need to know? Actuary and insurance Mr Joseph Lu, Director – Longevity Science, Legal and General Healthcare industry Dr Joan Mannick, Executive Director of Translational Medicine, Novartis NHS Dr Martin Vernon, National Clinical Director for Older People and Integrated Person-Centred Care, NHS England Public health Professor Bernie Hannigan, Director of Research & Development, Public Health England
The state of play in ageing research The biology of ageing and factors that influence the trajectories of health into old age	
10.00-10.25	The clinical perspective of geriatrics and functional decline Dr Luigi Ferrucci, Scientific Director, National Institute on Aging
10.25-11.05	The biology of intrinsic ageing Dame Linda Partridge CBE FRS FRSE FMedSci, Weldon Professor of Biometry and Director of the Institute for Healthy Ageing, University College London
11.05-11.30	Tea and coffee
11.30-11.55	Multi-morbidity and frailty Professor Avan Aihie Sayer, Director – NIHR Biomedical Research Centre on Ageing, Newcastle University
11.55-12.20	Socioeconomic determinants of ageing Dr Angela Donkin, Deputy Director, Institute of Health Equity, University College London
12.20-12.45	Psychological factors and cognition Professor Ian Deary FRSE FBA FMedSci, Professor, Differential Psychology and Director, Centre for Cognitive Ageing and Cognitive Epidemiology, University of Edinburgh
12.45-13.30	Lunch
Using the science for better decision-making How can we utilise the science to better predict longevity and health for health and social care?	
13.30-13.35	Introduction to the afternoon Sir John Pattison FMedSci (co-chair), Member, Longevity Science Panel
13.35-13.55	How can we use the science to better understand longevity trends and manage longevity uncertainty? Mr Joseph Lu, Director – Longevity Science, Legal and General
13.55-14.40	Panel discussion 1: what are the implications for predicting longevity and health? <i>Panellists</i> <ul style="list-style-type: none"> • Professor Richard Faragher, Professor of Biogerontology, University of Brighton • Professor Tom Kirkwood CBE FMedSci (co-chair), Professor of Biogerontology, Center for Healthy Aging, University of Copenhagen • Mr Joseph Lu, Director – Longevity Science, Legal and General • Dr Declan Mulkeen, Chief Science Officer, Medical Research Council • Dame Linda Partridge CBE FRS FRSE FMedSci, Weldon Professor of Biometry and Director

	of the Institute for Healthy Ageing, University College London
14.40-15.10	Tea and coffee
15.10-15.30	Manipulating the health trajectory Professor Janet Lord FMedSci, Director of MRC-Arthritis Research UK Centre for Musculoskeletal Ageing Research, University of Birmingham
15.30-15.55	Using the science for prevention and treatment: drugs to treat ageing Dr Joan Mannick, Executive Director of Translational Medicine, Novartis
15.55-16.50	Panel discussion 2: how can the health and social care system benefit from translating this science? <i>Panellists</i> <ul style="list-style-type: none"> • Professor Bernie Hannigan, Director of Research & Development, Public Health England • Dr Luigi Ferrucci, Scientific Director, National Institute on Aging • Dr Joan Mannick, Executive Director of Translational Medicine, Novartis • Professor Louise Robinson, Professor of Primary Care and Ageing, Newcastle University • Dr Martin Vernon, National Clinical Director for Older People and Integrated Person-Centred Care, NHS England
16.50-17.00	Conclusions and next steps Sir John Pattison FMedSci (co-chair), Member, Longevity Science Panel
17.00	Close