This event will look at current scientific research and thinking regarding the ageing process. With discussions ranging from discovery of biomarkers and assay development to the immunology of ageing, this event promises to be packed with discussion and debate and is an ideal opportunity to discover what is new in the field.

This event has CPD accreditation

www.regonline.co.uk/ageing2015

#ageing2015
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<td>09:30 – 09:45</td>
<td>Introduction by the Chair</td>
<td>Dr Neil A Mabbutt</td>
<td>Reader, The Roslin Institute &amp; Royal (Dick) School of Veterinary Sciences, University of Edinburgh, UK</td>
</tr>
<tr>
<td>09:45 – 10:05</td>
<td>The extracellular metabolome in senescence and oral cancer</td>
<td>Professor Ken Parkinson</td>
<td>Queen Mary, University of London, UK</td>
</tr>
<tr>
<td>10:10 – 10:35</td>
<td>Chronic Inflammation, Proteases and Extracellular Matrix Degradation in Extrinsic Aging</td>
<td>Professor David Grenville</td>
<td>University of British Columbia, Centre for Heart Lung Innovation, St. Paul’s Hospital, vIdA Therapeutics, Inc. Vancouver, BC, Canada</td>
</tr>
<tr>
<td>10:35 – 11:00</td>
<td>Age-related Changes in Mitochondria Complex-I Activity in Brain: PET Study with [18F]N-acetyl-L-carnosine in Monkey</td>
<td>Dr Hideo Tsukada</td>
<td>Central Research Laboratory, Hamamatsu Photonics K.K, Japan</td>
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<tr>
<td>11:00 – 11:10</td>
<td>Oral Presentations</td>
<td>Dr. Kim L. Capelhart</td>
<td>621 SE Main St, Simpsonville, SC 29681, University of Phoenix</td>
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<tr>
<td>11:10 – 11:40</td>
<td>Session Break</td>
<td>Speakers’ photo, Refreshments, Poster viewing</td>
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<tr>
<td>11:40 – 12:05</td>
<td>Hormones and aging: a focus on the role of neurosteroids for brain function</td>
<td>Dr Cheryl Anne Frye</td>
<td>Professor of Neuroscience, Department of Chemistry &amp; Biochemistry, Institute of Arctic Biology, University of Alaska-Fairbanks, USA</td>
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<tr>
<td>12:05 – 12:35</td>
<td>Oral Presentations</td>
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<tr>
<td>12:15 – 12:25</td>
<td>Aging, Chronic Kidney Disease and Home Support: An Exploratory Study</td>
<td>SK Aydede, Y Zhang, Jiu, S.Tai, O Durdjev, P Komenda, A Levin</td>
<td>University of British Columbia, 700-1380 Burrard Street, Vancouver, BC, V6Z 2H3, Canada</td>
</tr>
<tr>
<td>12:25 – 12:35</td>
<td>Aging Relation of Indices, Responsible for Brain Functioning</td>
<td>Moskalenko Yu.<em>, Kravchenko T.</em>, Andreeva Ju.<em>, Felding A.</em></td>
<td>Sechenov Institute of Evolutionary Physiology and Biochemistry Russian Academy of Science, St-Petersburg RF, and Beckley Foundation, Oxford, UK, Contact: Prof. Yury Moskalenko</td>
</tr>
<tr>
<td>13:00 – 13:25</td>
<td>Immune cells: their part in brain ageing</td>
<td>Dr Jennifer Pocock</td>
<td>Department of Neuroinflammation, Institute of Neurology, London, UK</td>
</tr>
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<td>13:25 – 14:25</td>
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### Day 1 Session 2: Slowing down progression, Rejuvenation and Self Repair

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<tr>
<td>14:25 – 15:00</td>
<td>Introduction by session chair</td>
<td>Dr Kogi Tabet</td>
<td>BS, Msc (Immunol), Msc (Psych), PGcert (Med Ed), MD (Lon), MRCPsych, Senior Lecturer &amp; Consultant, Sussex Partnership NHS Foundation Trust, Postgraduate Medicine, DME &amp; Centre for Dementia Studies, Brighton &amp; Sussex Medical School, UK</td>
</tr>
<tr>
<td>15:00 – 15:25</td>
<td>Mild cognitive impairment</td>
<td>Professor Emeritus Amos D Korczyn</td>
<td>Tel Aviv University, Department of Neurology, Ramat Aviv, Israel</td>
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<tr>
<td>15:25 – 15:55</td>
<td>Oral Presentations</td>
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<tr>
<td>15:35 – 15:45</td>
<td>Dietary restriction improves vasodilator dysfunction caused by accelerated vascular aging due to genomic instability</td>
<td>H. Wu, M. Durik, E. Reiling, A.H.J. Danser, J.H. Hoeijmakers, H. van Steeg, M.E.T. Döllé, A.J.M. Roks</td>
<td>Department of Internal Medicine, Division of Vascular Disease &amp; Pharmacology, Erasmus Medical Center, Dr. Molewaterplein 50, 3015 GE, Rotterdam, the Netherlands.</td>
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<tr>
<td>15:55 – 16:15</td>
<td>Session Break</td>
<td>Refreshments, Last poster viewing, Last Sponsors exhibition</td>
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<tr>
<td>16:15 – 16:35</td>
<td>Nutritional interventions in Ageing: Lessons from Rhesus Monkeys</td>
<td>Dr Joseph W. Kemnitz</td>
<td>University of Wisconsin, Madison, USA</td>
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<td>16:33 – 16:55</td>
<td>Extrinsic versus Intrinsic mechanisms of stem cell aging and rejuvenation</td>
<td>Dr Irma M. Conboy</td>
<td>Associate Professor at UC Berkeley, Dept. of Bioengineering, University of California, Berkeley, USA</td>
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<td>10:40 – 11:10</td>
<td>Oral Presentations</td>
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<tr>
<td>10:40 – 10:50</td>
<td>THE SUPPLY AND DEMAND OF PROGENITOR CELLS GOVERNS ORGAN MASS LOSS IN AGEING HUMANS AND THEIR AGE-SPECIFIC CANCER INCIDENCE RATES</td>
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<td>10:50 – 11:10</td>
<td>CONDUCTING FOCUS GROUPS WITH COMMUNITY DWELING OLDER ADULTS: A PROCESS PAPER</td>
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<tr>
<td>11:40 – 11:50</td>
<td>MEN BORN IN 1913 FOLLOWED TO AGE 100 YEARS</td>
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<tr>
<td>11:50 – 12:00</td>
<td>PORTUGUESE RETIREE’S PERCEPTIONS ABOUT THEIR TRANSITION TO RETIREMENT</td>
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<tr>
<td>12:10 – 12:15</td>
<td>Expression of phosphorylated H2AX histone in the aging mouse brain Day 2, Session 2: Biomarkers and its relation with slowly cycling neurons</td>
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<td>14:20 – 14:30</td>
<td>IMMUNOSENESCENCE-RELATED GENE ZIZIMIN2 IS ASSOCIATED WITH SPLENIC MARGINAL ZONE B CELL LOCALIZATION</td>
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<td>14:30 – 14:40</td>
<td>HOW DO COUPLES ADJUST THEMSELVES TO RETIREMENT?</td>
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<td>Declining Stress Responses as a Contributing Factor to Ageing</td>
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<td>AGE-RELATED DECREASE IN BROWN ADIPOSE TISSUE AND ITS POTENTIAL METABOLIC COMPLICATIONS</td>
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<td>NATURAL ANTIOXIDANTS: A KEY TOWARDS HEALTHY AGEING</td>
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<tr>
<td>16:20 – 16:50</td>
<td>Biomarkers of ageing and pathology</td>
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<td>16:50 -17:00</td>
<td>Chairman’s Summing Up</td>
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**Speakers**:

- **Professor Lorna Harries**, University of Exeter, UK
- **Dr. Gabriele Saretzki**, Institute for Ageing and Health, Newcastle upon Tyne, UK
- **Professor Adalberdo Merigli**, University of Turin, Department of Veterinary Sciences, Italy
- **Dr. Irene Maeve Rea**, Queens University Belfast and Belfast City Hospital, Belfast, Ireland
- **Dr. Cheryl Anne Frye**, Professor of Neuroscience, Department of Chemistry & Biochemistry, Institute of Arctic Biology, University of Alaska-Fairbanks, USA
- **Professor Kelvin J.A. Davies**, University of Southern California, Los Angeles, CA, USA
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- **Dr. Gabriele Saretzki**, Institute for Ageing and Health, Newcastle upon Tyne, UK
### Day 3: Expression and Pathology

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<td>09:40 – 10:00</td>
<td>Role of tele-technology in 21st Century NHS</td>
<td><strong>Dr. Amit Arora</strong>, University Hospital of North Staffordshire, UK</td>
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<tr>
<td>10:00 – 10:20</td>
<td>The 'hidden' Epidemic of Adult Alzheimer &amp; Neurological deaths in the USA and 20 Western countries</td>
<td><strong>Professor Colin Pritchard</strong>, Professor in Psychiatric Social Work, School of Health &amp; Social Care, Bournemouth, UK</td>
</tr>
<tr>
<td>10:20 – 10:50</td>
<td>Oral Presentations</td>
<td>&quot;QUICK-AND-DIRTY&quot; METHODS FOR ASSESSING ADIPOSION IN OLDER ADULTS: WHAT IS BEST? <strong>Majid AlGhatrif</strong>, MD, IPA appointee, National Institute on Aging, Medicine, Johns Hopkins Bayview Medical Center, Johns Hopkins School of Medicine, USA</td>
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<tr>
<td>10:50 – 11:10</td>
<td>The Long and Winding Road of Arterial Aging: A journey from Evolution to Dysfunction</td>
<td><strong>Prof. Isabel Varela Nieto</strong>, Neurobiology of Hearing Group, Hearing Evaluation Service, Madrid, Spain</td>
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<td>11:10– 11:40</td>
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<td>11:40 – 12:00</td>
<td>Targeting age-related hearing loss</td>
<td><strong>Dr Patricia De Vriendt</strong>, Frailty in Aging Research Group Gerontology Department, Vrije Universiteit Brussel, Jette, Belgium</td>
</tr>
<tr>
<td>12:00 – 12:20</td>
<td>Diagnosis of mild cognitive disorders in older adults</td>
<td><strong>Dr Jeremy M Sivak</strong>, PhD, Assistant Professor, University of Toronto, University Health, Toronto, Ontario, Canada</td>
</tr>
<tr>
<td>12:20 – 12:50</td>
<td>Oral Presentations</td>
<td>AGING, FRAILTY AND CHRONIC OBSTRUCTIVE PULMONARY DISEASE <strong>Prof. Dr. Majd Al Ghutraf</strong>, MD, IPA appointee, National Institute on Aging, Medicine, Johns Hopkins Bayview Medical Center, Johns Hopkins School of Medicine, USA</td>
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<td>12:50 – 13:10</td>
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<td><strong>Dr Jeremy M Sivak</strong>, PhD, Assistant Professor, University of Toronto, University Health, Toronto, Ontario, Canada</td>
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<td>Healthy Ageing through technoclone</td>
<td><strong>Dr Marios Kyriazis</strong>, ELPIs Foundation for Indefinite Lifespans, Italy</td>
</tr>
<tr>
<td>15:20 – 15:40</td>
<td>Towards a greater cortical control of balance with advancing age</td>
<td><strong>Dr Stéphane Baudry</strong>, Faculty for Motor Sciences, Universite Libre De Bruxelles, Belgium</td>
</tr>
<tr>
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<td>16:10 – 16:30</td>
<td>Human Ageing at the Individual Level is a Unique Experience</td>
<td><strong>Dr Michael Singer</strong>, Professor Emeritus Faculty of Health Sciences, Queen's University, Kingston, Ontario, Canada</td>
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<td>16:30 – 16:50</td>
<td>Successful ageing: Is it the solution to population ageing?</td>
<td><strong>Dr Claire Donnellan</strong>, PhD, MA, Reg, Psychol, RCSi Bahrain, Adlyia, Trinity College Dublin and RCSi-Bahrain Kingdom of Bahrain</td>
</tr>
<tr>
<td>16:50 – 17:00</td>
<td>Chairman’s Summing Up</td>
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**Day 3 Schedule**

- **09:00 – 09:30**: Exhibitions open - Registration and Refreshments
- **09:30 – 09:40**: Introduction by the Chair - **Professor David Melzer**, Professor of Epidemiology and Public Health at the Medical School, University of Exeter, UK
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- **10:20 – 10:50**: Oral Presentations
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- **12:50 – 13:10**: The Ageing Eye: A delicate metabolic balancing act - **Dr Jeremy M Sivak**, PhD, Assistant Professor, University of Toronto, University Health, Toronto, Ontario, Canada
- **13:20 – 14:20**: Session Break
- **14:20 – 14:40**: Discussion session
- **14:40 – 15:00**: Oral Presentations
- **15:00 – 15:20**: Healthy Ageing through technoclone - **Dr Marios Kyriazis**, ELPIs Foundation for Indefinite Lifespans, Italy
- **15:20 – 15:40**: Towards a greater cortical control of balance with advancing age - **Dr Stéphane Baudry**, Faculty for Motor Sciences, Universite Libre De Bruxelles, Belgium
- **15:40 – 16:10**: Session Break
- **16:10 – 16:30**: Human Ageing at the Individual Level is a Unique Experience - **Dr Michael Singer**, Professor Emeritus Faculty of Health Sciences, Queen's University, Kingston, Ontario, Canada
- **16:30 – 16:50**: Successful ageing: Is it the solution to population ageing? - **Dr Claire Donnellan**, PhD, MA, Reg, Psychol, RCSi Bahrain, Adlyia, Trinity College Dublin and RCSi-Bahrain Kingdom of Bahrain
- **16:50 – 17:00**: Chairman’s Summing Up - Close of Meeting
About the Speakers

Day 1, Session 1: Cellular Level Research

Neil A Mabbott, Reader, The Roslin Institute & Royal (Dick) School of Veterinary Sciences, University of Edinburgh, UK
Dr Mabbott is a Reader at the Roslin Institute & Royal (Dick) School of Veterinary Sciences, University of Edinburgh. His research has primarily been focused on understanding the pathogenesis of infectious diseases within lymphoid tissues. Particular interests include understanding host-pathogen interactions within the mucosal immune system, especially transmissible spongiform encephalopathy agents (TSEs, or prion diseases) and other gastrointestinal pathogens such as Salmonella and nematodes. His studies are also focused on understanding the effects that aging has on susceptibility to gastrointestinal pathogens and also on the efficacy of the mucosal immune system. A systems biology approach is also being used to compare the transcriptomic expression profiles of distinct immune cell populations.

Ken Parkinson, Queen Mary, University of London, UK
Professor Parkinson obtained his BSc. at Queen Elizabeth College (later part of King’s College), the University of London in 1974. After obtaining his PhD from the University of Glasgow in 1977, he joined the Institute for Cancer Studies in Birmingham where he made a significant contribution to the tumour promotion field and as a Senior Research Group Leader at the Beatson Institute for Cancer Research, Glasgow his research group provided the first evidence for the involvement of p16INK4A in cancer and ageing. His current research seeks to exploit metabolism as a diagnostic tool in ageing and cancer.

David Granville, Department of Pathology & Laboratory Medicine, University of British Columbia, Director, GEM Facility, Centre for Heart Lung Innovation, St. Paul's Hospital Co-Director, CIHR STIHR IMPACT Program, Founder and CSO, viDA Therapeutics, Inc. Vancouver, BC, Canada
Dr. David Granville is a Professor in the Department of Pathology and Laboratory Medicine, Director of the GEM Facility, at the Centre for Heart Lung Innovation, St. Paul's Hospital, and Co-Director of the CIHR Integrated and Mentored Pulmonary and Cardiovascular Training (IMPACT) Program. Dr. Granville’s research is focused on mechanisms of tissue injury and repair in age-related, chronic inflammatory disorders. He has received numerous awards for his work. Dr. Granville’s research findings led to the formation of the UBC-spin-off company, viDA Therapeutics, Inc. which is developing therapeutics for the treatment of conditions associated with acute and chronic inflammation.

Hideo Tsukada, Central Research Laboratory, Hamamatsu Photonics K.K, JAPAN
Hideo Tsukada received Ph.D. from Shizuoka College of Pharmacy, Japan. He was visiting researcher in Uppsala University PET Center, directed by Professor Bengt Langstrom, from 1990 to 91. At present, he is the senior manager of PET Center, Central Research Laboratory, Hamamatsu Photonics, Japan, and conducting PET researches in preclinical to clinical stages. He has published more than 200 papers, being awarded by the Society for Nuclear Medicine (2009), and Japan Molecular Imaging Award (2010). He is serving as the visiting professor in Hamamatsu University School of Medicine, and University of Shizuoka, School of Pharmaceutical Sciences.

Cheryl Anne Frye, Professor of Neuroscience, Department of Chemistry & Biochemistry, Institute of Arctic Biology, University of Alaska-Fairbanks, USA
The focus of Dr. Cheryl Frye's research program is determining non-traditional actions of steroid hormones (termed neurosteroids) work in the brain and influence behavior. Because hormones are essential for reproduction, Dr. Frye's laboratory has used mating as an indication of the effectiveness of experimental hormone manipulations. As diverse actions of steroids’ mechanisms are revealed through these experiments, the role of steroids on developmental processes (puberty, pregnancy, aging, etc.) and in mediating anxiety, learning, and neuroprotection throughout the lifespan. This research has made important contributions to understanding sex differences and the role of hormones in clinically-relevant conditions, including depression, anxiety, Alzheimer's disease and epilepsy.
László Vigh, HAS, Biological Research Centre (BRC), Head of the Molecular Stress Biology Group Institute of Biochemistry Hungary

Jennifer Pocock, Senior Lecturer and Principal Investigator, Department of Neuroinflammation, University College London Institute of Neurology, London, UK

Dr Jennifer runs a laboratory at the Institute of Neurology, University College London, investigating the signalling pathways and responses in immune cells in normal and neuropathological conditions. Thus Dr Pocock, using in vitro cellular models such as primary cultures and patient-derived hiPSCs together with imaging, pharmacological and molecular methods, is investigating how microglia and peripheral macrophages contribute to detrimental pathways activated in neurodegenerative diseases such as Alzheimer's Disease, Huntington's disease and Multiple Sclerosis. Understanding these processes will allow the identification of novel treatment targets for preventing and managing neurodegeneration and ageing-induced dysfunction.

Day 1, Session 2: Slowing down progression, Rejuvenation and Self Repair

Naji Tabet, BS, MSc (Immunol), MSc (Psych), PGCert (Med Ed), MD (Lon), MRCPsych, Senior Lecturer & Consultant, Old Age Psychiatry, Course Leader, MSc Dementia Studies Clinical Lead, Cognitive Treatment & Research Unit, Medical Lead for Research, R&D Sussex Partnership NHS Foundation Trust, Postgraduate Medicine, DME & Centre for Dementia Studies, Brighton & Sussex Medical School, UK

Dr Tabet's research interests are in the field of Alzheimer's disease. Current available treatment is symptomatic at best and helping patients remains a major challenge. Dr Tabet's research focus follows a parallel strategy. The first is in fully engaging in the assessment of disease modifying treatments through clinical trials. The second approach is to investigate the efficacy of a host of other pharmacological and non-pharmacological interventions in slowing down disease progression. The role of diet, exercise, lifestyles and co-morbid physical illnesses needs to be fully assessed to establish a role for these, if any, in the management of the disorder.

Kuniyasu Soda, Associate Professor, Cardiovascular Research Institute, Jichi Medical University, Saitama-city, Saitama, Japan

Emeritus Amos D Korczyn, Tel Aviv University, Department of Neurology, Ramat Aviv, Israel

Graduated from the Hebrew University–Hadassah Medical School in Jerusalem MD and MSc in pharmacology (cum laude) in 1966. Trained in neurology at Bellinson Hospital and at the National Hospital, Queen Square, London. He was the Chairman of Neurology, Tel-Aviv Medical Center, 1981-2002, and incumbent of the Sieratzki Chair of Neurology at Tel-Aviv University, 1995-2010. Has a particular interest in neurodegenerative diseases, and authored or co-authored over 600 articles, as well as book chapters.

Professor Korczyn is the Chairman of the Scientific Administrative Board of the Israeli Alzheimer's disease association (EMDA), and member of the SAB of Alzheimer Disease International.

Joseph W. Kemnitz, University of Wisconsin, Madison, USA

Dr. Kemnitz is professor of cell and regenerative biology and past-director of the Wisconsin National Primate Research Center, where he has studied aging, nutrition and metabolism in monkeys for more than 35 years. He and his colleagues initiated the project on caloric restriction and aging in 1989.

Irina M. Conboy, Associate Professor at UC Berkeley, Dept. of Bioengineering, University of California, Berkeley, USA

Day 2, Session 1: Genetic and Epigenetic regulation

Lorna Harries, University of Exeter Medical School, Exeter, UK

Since gaining her PhD from University College London in 1994, Prof Lorna Harries has worked at several institutions including the Biomedical Research Centre at the University of Dundee and the MRC Cell Mutation Unit at the University of Brighton. She established the RNA-mediated disease mechanisms
Gabriele Saretzki, Lecturer in Ageing Research, Institute for Ageing and Health, Newcastle upon Tyne, UK

Gabriele Saretzki is a cellular biologist and works at the Institute for Ageing and Health at Newcastle University (United Kingdom) as a Lecturer in Ageing Research. Her areas of expertise are telomeres, telomerase, oxidative stress, cellular senescence, ageing, mitochondria and stem cells. Her main research focus is the non-canonical protective function of telomerase within mitochondria, particularly in brain. She has published more than 65 peer-reviewed papers and is associated Editor for various journals.

Adalberto Merighi, University of Turin, Department of Veterinary Sciences, Italy

Adalberto Merighi graduated at the School of Veterinary Medicine - Turin (IT), obtained his Ph.D. (Neurobiology) at RPMS - University of London, UK, and was Research Fellow (Neurobiology) at Harvard Medical School - Boston, MA, with an International Research Fellowship from Fogarty International Center - NIH. He is now Professor of Veterinary Anatomy and Histology at the University of Turin. He was Visiting Professor at University of Paris VI, FR, and Special Volunteer at NIH - Bethesda, MD. His main research interests concern the processing of nociceptive information in spinal cord and the regulation of cell proliferation/death during neuronal development.

Irene Maeve Rea, Queens University Belfast and Belfast City Hospital, Belfast, Ireland

Dr I Maeve Rea, Senior Lecturer/Consultant Physician in Geriatric Medicine at Queens University Belfast, was educated at Queens University and did postgraduate research in immune-genetics at Stanford University. She has a long time clinical and research interest in people over 90 years of age especially those who are ageing well. She set up and co-ordinates a longitudinal study of octo/nonagenarians, Belfast Elderly Longitudinal Free-living Ageing Study (BELFAST) and is a Principal Investigator in the Genetics of Healthy Ageing Study (GeHA), which is contributing to understanding the genetic, immunological, cardiovascular and nutritional factors contributing to good quality ageing.

Day 2, Session 2: Biomarkers

Kelvin J. A. Davies, University of Southern California, Los Angeles, CA, USA

Professor Kelvin J. A. Davies was educated in England, at the University of Wisconsin, the University of California Berkeley, and Harvard. He has held faculty positions at Harvard, Albany Medical College, and at the University of Southern California, where he is Dean of Faculty of the School of Gerontology and Professor of Molecular Biology. Davies has won numerous awards, medals, and honors, including five honorary doctorates. He has been President, and is now a fellow, of several national and international societies. In 2012 he was made a Knight of the National Order of Merit of France by the French President.

Annamaria Zaia, INRCA, Italian National Research Centres on Aging, Italy

Graduated in Pharmacy in 1985, she has been always working as a researcher at INRCA by interacting with national and international institutes. Her studies deal with the search of determinants of aging and space from Hayflick limit in lymphocytes to thymus induced reversibility of aging processes to biomathematical models of survival kinetics in lifespan experiments. In 2000, as the coordinator of the Master in Image Analysis, she deepens the study of complex systems and acquired skills in image processing and image analysis techniques and fractal analysis as well to develop models able to quantify functional and structural changes with aging and pathologies. (Alzheimer, Diabetes, Melanoma, Osteoporosis, Sarcopenia).

Bernard Cheung, Sun Chieh Yeh Heart Foundation Professor in Cardiovascular Therapeutics, Department of Medicine, University of Hong Kong

Bernard Cheung read Medicine at Cambridge. He was a British Heart Foundation Junior Research Fellow at Cambridge before taking up lectureships in Sheffield and Hong Kong. In 2007-2009, he held the chair in Clinical Pharmacology and Therapeutics in Birmingham. Currently, he is the Sun Chieh Yeh Heart Foundation Professor in Cardiovascular Therapeutics, University of Hong Kong. He is also an Honorary Consultant Physician of Queen Mary Hospital, Medical Director of the Phase 1 Clinical Trials Centre, Director of the Institute of Cardiovascular Science and Medicine, and President of the Hong Kong Pharmacology Society.
Day 3: Expression and Pathology

David Melzer, Professor of Epidemiology and Public Health at the University of Exeter Medical School, University of Exeter, UK

David Melzer is Professor of Epidemiology and Public Health at the University of Exeter Medical School (UEMS), UK. His research interests are in the causes and consequences of chronic disease in later life. His group's research programme includes analysis of genomic and conventional biomarkers, plus studies of medical treatment in later life. He has led notable studies on conventional risk factors including alcohol intake, obesity and vitamin D levels in older people. Professor Melzer's group has also undertaken several genome-wide association studies in older groups. Recent work (in collaboration with Professor Lorna Harries, Molecular Genetics UEMS) has included transcriptome wide studies in older groups, yielding the first evidence for the importance of splice ratio changes with advancing age in humans. Dr Melzer (MBBCh, PhD, FFPH) is a member of the executive of the NIHR National Institute for Public Health Research and the co-lead of the ‘Ageing Well’ research programme.

Amit Arora, Consultant Physician/Geriatrician and Honorary Clinical Lecturer Chairman, England Council, British Geriatrics Society West Buildings University Hospital of North Staffordshire Stoke On Trent, UK

Dr Amit is a consultant physician and geriatrician at the University Hospital of North Staffordshire in Stoke on Trent. He is also the Chairman of England Council of the British Geriatrics Society. He has a keen interest in better ageing. He has published and spoken widely. His work is not limited to medical aspects only but has included tele-health, housing, Infections in old age, stroke, elder abuse and safeguarding, health policy, National Payment by Results program etc. He has been closely involved in many national projects with the BMA, department of Health, NHS England as well as the Royal College of Physicians and Royal College of Psychiatrists.

Colin Pritchard's research crosses many boundaries, exemplified in recent controversial studies in British Journal Cancer; British Journal Neurosurgery; British Journal Social Work; Public Health, as his findings were uncomfortable to Government. He works at the interface between health, medicine and society, focusing on outcome studies. Lecturer Leeds Dept Psychiatry 1970; Senior Lecturer Bath; Professor, Social Science Faculty, Southampton University 1980, in 1998 Medical School as research professor where since 2001 continues as Visiting Professor. Became Research Professor in the School of Health & Social Care, Bournemouth University 2003. A lively speaker not afraid to explore awkward questions.

Majd AlGhatrif, MD, IPA appointee, Human Cardiovascular Studies Laboratory of Cardiovascular Science, National Institute on Aging. Assistant Professor, Medicine, Johns Hopkins Bayview Medical Center, Johns Hopkins School of Medicine, USA

Dr. AlGhatrif received his medical degree from the University of Damascus, Syria, and completed postgraduate training in epidemiology, biomedical engineering, and internal medicine in different institutes in the United States. Currently, Dr. AlGhatrif is an Assistant Professor of Medicine at the Johns Hopkins School of Medicine and the Head of the Human Cardiovascular Studies Unit at the National Institute on Aging, Baltimore, MD, USA. Dr. AlGhatrif holds academic interests in aortic stiffness, aortic aneurysms, isolated systolic hypertension, and arterial-ventricular coupling. He is a member of the editorial board of the Journal of Aging and Health and a reviewer for a number of journals in the field of cardiovascular aging including Circulation, JACC, and JAMA. He has written more than 20 original manuscripts and book chapters and lectured frequently at leading conferences including the annual meetings of the American College of Cardiology and the American Heart Association.

Isabel Varela-Nieto is Full Research Professor and coordinator of the Neurobiology of Hearing group at the Spanish Research Council in Madrid. PhD (1985) in Biochemistry from the Faculty of Chemistry of the University Complutense of Madrid, she has been postdoctoral EMBO and FEBS fellow, has been visiting scientist at the Universities of Uppsala (1993) and San Diego (1999-2000). Staff Scientist at CSIC since 1992, is Full Research Professor since 2005. She is author of up to 100 articles, editor to 3 books and has developed 4 patents. Varela-Nieto’s group research has funding from AFHELO and TARGEAR (FP7-HEALTH and PEOPLE, respectively) and belongs to the EIP-Action for Prevention of functional decline and frailty.
Jeremy M Sivak, PhD, Assistant Professor, University of Toronto School of Medicine, Glaucoma Research Chair, Toronto Western Research Institute, University Health, Toronto, Ontario, Canada
Dr. Sivak is holds the Glaucoma Research Chair at the Toronto Western Research Institute, and is an Assistant Professor at the University of Toronto School of Medicine, Toronto, Canada. His laboratory studies the molecular pathways directing tissue damage and repair responses in the eye. He is currently working to decipher the basic mechanisms of retinal and optic nerve damage in patients with glaucoma, a leading cause of blindness worldwide, as well as developing new strategies for treatment and prevention of their vision loss.

Marios Kyriazis is a biomedical gerontologist and theorist, who also work as an anti-ageing physician. He has published hundreds of articles and essays for scientists and the general public. His current work, together with an international team of scientists, is about the total elimination of age-related degeneration, and the abolition of ageing.

Stéphane Baudry, Faculty for Motor Sciences, Universite Libre De Bruxelles, Belgium
Stéphane Baudry obtained an M.Sc. degree in physiology and biomechanics of human movements from the University of Paris in France (2001) and his Ph.D. degree in motor sciences from the Université Libre de Bruxelles, Belgium (2007). He received post-doctoral training in neurophysiology at the University of Colorado in Boulder, USA. He is currently a research associate in the Faculty for Motor Sciences at the Université Libre de Bruxelles. His research interests include neurophysiology of aging, neuromuscular adjustments in response to brief and sustained muscle contractions, as well as corticospinal modulations associated with motor control and postural balance.


Claire Donnellan, PhD, MA, Reg. Psychol., RGN, PG Dip Stats Senior Lecturer in Psychology RCSI Bahrain, Adliya, Trinity College Dublin and RCSI-Bahrain Kingdom of Bahrain
Claire is an assistant professor with the School of Nursing and Midwifery, Trinity College Dublin in Ireland. She is a Registered Psychologist with the Psychological Society of Ireland and also a Registered General Nurse with the Irish Nursing Board. Her research interests include examining the challenges to successful ageing in both healthy ageing and in age-related illness and disease populations; specifically stroke and neurological patient cohorts. She has published widely in neurology, gerontology, psychology and nursing journals and is a reviewer for a large number of International journals. She is currently working as a senior lecturer in psychology, contributing to the medical and nursing programmes for the Royal College of Surgeons Ireland, at the Medical University in Bahrain.
Discussion Sessions
The discussion sessions are an opportunity for informal questions and answers. This is an ideal opportunity to get advice and opinion from experts in this area. This session is not for questions about specific talks, which can be asked after the speakers session, but for discussing either general topics or specific issues.

Session breaks
All breaks and registrations will take place in the exhibition area where there will be lunch and refreshments.

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Lunch
- All the chicken in our lunch buffet is Halal
- We have a number of dishes that are gluten free
- We have a range of vegetarian dishes which are separated from the meat and fish dishes

Frequently asked questions about our events

Is the delegate list available?
Yes this is available to everyone who attends the event and our sponsors. It is available in real time. To access the list please just log into your registration details or use the QR code on right of the agenda card which is provided on the day of the event. You will not be included in this list if you have opted out and you can do this by logging into your registration details. This list will not be sold or ever give out to third parties.

Can I have the speakers slides?
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