

AGEING 2016

AGENDA



9th - 11th February 2016
London, UK

EuroSciCon 

This annual international summit will look at many facets of research and processes that are involved in ageing and senescence. With discussions ranging from discovery of biomarkers and assay development to immunology, this event promises to be packed with discussion and debate and is an ideal opportunity to discover what is new in the field. With an all round view of ageing, from diagnostics to therapy, this event will be multi-disciplinary.

This event has [CPD accreditation](#)

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#Ageing2016

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AGENDA

(Invited Talk times include 5 – 10 minutes for questions: Oral presentations include 2-3 minutes for questions)

Day 1: Session 1: Cellular Level Research

09:00 – 09:45	Exhibitions open	Registration and Refreshments
09:45 – 09:55	Introduction by the Chair	<i>Professor David Granville</i> , University of British Columbia, Scholar of the Royal Society of Canada, Director, GEM Facility, Centre for Heart Lung Innovation, St. Paul's Hospital, Vancouver, BC, Canada
09:55 – 10:20	Peculiarities of relations between cerebrovascular system, SCF-dynamics and Skull mechanical properties for aging persons.	<i>Professor Yuri Moskalenko</i> , D.Sci., Honor Scientist of RF, D.O.(Honoris Causa, Cn.).Sechenov Institute of evolutionary physiology and Biochemistry, Russian Academy of Sciences, Russian School of osteopathic medicine, Sankt Petersburg, Russian Federation
10:20 – 10:45	Role of ligand-RAGE axis in aging	<i>Professor Eric Boulanger</i> , LIRIC- Lille Inflammation Research International Center/UMR 995 INSERM, School of Medicine, Lille, France
10:45 – 11:15	Group Photo and Session Break	Refreshments, Poster viewing, Sponsors exhibition
11:15 – 12:00	Oral Presentations	
11:15 – 11:30	STRATEGIES TO DELAY CELL SENESCENCE: BACK TO THE BASICS OF CELL BIOLOGY	<i>Professor Hani Atamna</i> , College of Medicine, California University of Science & Medicine, Colton, CA, USA
11:30 – 11:45	MULTIPLE CYTOKINE ANALYSIS OF INFLAMMAGEING IN NORMAL AGEING AND WERNER SYNDROME	<i>Dr. Makoto Goto</i> , Tokyo Women's Medical University, Tokyo, Japan
11:45 – 12:00	CARBAMYLATION, A NONENZYMATIC POSTTRANSLATIONAL MODIFICATION OF PROTEINS ASSOCIATED WITH AGEING	<i>Dr Laëtitia Gorisse</i> , UMR MEDyC CNRS/URCA 7369, Faculty of Medicine, Reims, France
12:00 – 12:25	Renal physiology in the elderly	<i>Dr Carlos G. Musso</i> , Dialysis Unit, Hospital Italiano de Buenos Aires. Argentina
12:25 – 12:40	Question time: 1. Do you foresee the possibility to image vascular alterations in the pre-aged brain so that it will be possible to predict a rate for ongoing brain damage? 2. Can you comment on current biomarkers of vascular alterations in pathologic and aged brain?	
12:40 – 13:40	Session Break	Lunch, Poster viewing, Sponsors exhibition
Day 1: Session 2: Genetic and Epigenetic regulation		
13:40 – 13:50	Introduction by the chair	<i>Dr Marios Kyriazis</i> , ELPIS Foundation for Indefinite Lifespans, UK
13:50 – 14:20	Genetic and epigenetic investigation of C9orf72: diagnostic implications for ALS and FTD	<i>Dr Ekaterina Rogaeva</i> , Associate Professor and Chair in Research on Dementia with Lewy Bodies, Centre for Research in Neurodegenerative Diseases, University of Toronto, Canada
14:20 – 14:50	Splicing factors as determinants of longevity	<i>Professor Lorna Harries</i> , Peninsula College of Medicine and Dentistry, University of Exeter, UK
14:50 – 15:05	Oral Presentation GENETICS AND HERITABILITY IN HUMAN LONGEVITY: INSIGHTS FROM UK BIOBANK	<i>Dr Luke Pilling</i> , University of Exeter Medical School, Exeter, UK
15:05 – 15:35	Session Break	Refreshments, Poster viewing, Sponsors exhibition
15:35 – 16:05	Is age 'written' in your blood?	<i>Dr Athina Vidaki</i> , Department of Pharmacy and Forensic Science, Faculty of Life Sciences and Medicine, King's College London, London, UK
16:05 – 16:35	Chromosome Behaviour in Senescent Cells and in Hutchinson-Gilford Progeria Syndrome Cells	<i>Dr Joanna M. Bridger</i> BSc (Hons), MA, PhD, FSB Reader of Chromosome Behaviour, Brunel University London, UK
16:35 – 17:00	Question time: 1. What is the role of the environment in epigenetic regulation and how do environmental stresses and challenges affect microRNA activity? 2. Are animal models, such as mice or non-human primates, useful models to study the ageing process in humans?	
17:00	Chairman's Summing Up	Close of Session

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(Invited Talk times include 5 – 10 minutes for questions: Oral presentations include 2-3 minutes for questions)

Day 2: Session 1: Psychosocial Effects of Ageing

09:00 – 09:45	Exhibitions open	Registration and Refreshments
09:45 – 10:20	Introduction by the Chair	<i>Dr David E. Vance</i> , School of Nursing, The University of Alabama at Birmingham, USA
	Biopsychosocial Effects of Aging with HIV: Implications for Research and Practice	
10:20 – 10:45	Is loneliness really bad for old people?	<i>Professor Christina R. Victor</i> , Professor of Gerontology and public health, Brunel University London, UK
10:45 – 11:15	Oral presentations	
10:45 – 10:55	EXPLORING THE ROLE OF SOCIAL PARTICIPATION IN OLDER PEOPLE WITH MUSCULOSKELETAL PAIN: A FOCUS GROUP STUDY	<i>Shula Baker</i> , NIHR School for Primary Care Doctoral Research Student, Arthritis Research UK Primary Care Centre, Keele University, Staffordshire, UK
10:55 – 11:05	GERONTOLOGY: A FUTURE CAREER CHOICE IN HEALTH AND SOCIAL CARE?	<i>Dr Alice Coffey</i> , University College Cork, School of Nursing and Midwifery, Cork, Ireland
11:05 – 11:15	BEREAVEMENT FINDINGS FOR NEEDED DEVELOPMENTS	<i>Dr Donna M. Wilson</i> , University of Alberta, Alberta, Canada
11:15 – 11:45	Group Photo and Session Break	Refreshments, Poster viewing, Sponsors exhibition
	Session 2: Slowing Down Progression, Rejuvenation and Self Repair	
11:45 – 11:55	Introduction by the Chair	<i>Dr Alessandra Sacco</i> , Associate Professor, Development, Aging and Regeneration Program, Sanford-Burnham-Prebys Medical Discovery Institute, La Jolla, USA
11:55 – 12:20	A central role for genomic instability in vascular ageing	<i>Dr Anton J.M. Roks</i> , Dept. of Internal Medicine, Division of Vascular Disease and Pharmacology, Netherlands
12:20 – 12:45	Functional exhaustion of skeletal muscle stem cells during tissue aging	<i>Dr Alessandra Sacco</i> , Associate Professor, Development, Aging and Regeneration Program, Sanford-Burnham-Prebys Medical Discovery Institute, La Jolla, USA
12:45 – 13:10	Translating laboratory biotechnology research into the clinical anti-ageing practice	<i>Marios Kyriazis</i> , ELPIS Foundation for Indefinite Lifespans, UK
13:10 – 14:10	Session Break	Lunch, Poster viewing, Sponsors exhibition
14:10 – 14:35	Osteoarthritis: handling the threat by finding a treatment	<i>Dr Yolande FM Ramos</i> , PhD, Associate Professor, Dept. Medical Statistics and Bioinformatics, Section Molecular Epidemiology, Leiden University Medical Center, Leiden, The Netherlands
14:35 – 15:00	Ageing, Autophagy and Neurodegenerative Disease	<i>Professor Christian Behl</i> , Chair and Director of the Institute of Pathobiochemistry, University Medical Center, Mainz, Germany
15:00 – 15:30	Session Break	Refreshments, Poster viewing, Sponsors exhibition
15:30 – 15:55	Identification and preclinical development of <i>Salvia haenkei</i> extract as powerful anti-senescent agent using a novel screening method	<i>Dr Giovanni Rizzo</i> , iDNA Ltd/University College London, London, United Kingdom
15:55 – 16:05	Oral presentation	
	THE IN VIVO AND IN VITRO NEUROPROTECTIVE EFFECTS OF INNOVATIVE CHINESE MEDICINE FORMULA AGAINST DEMENTIA	<i>Sze Man Hung</i> , Institute of Chinese Medicine, The Chinese University of Hong Kong, Sha Tin, China
16:05 – 16:30	Immunity and Ageing: causes and consequences of immunosenescence in humans	<i>Professor Graham Pawelec</i> , Second Department of Internal Medicine, University of Tübingen Medical School, Tübingen, Germany
16:30 – 17:00	Question Time	
17:00	Chairman's Summing Up	Close of Session

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(Invited Talk times include 5 – 10 minutes for questions: Oral presentations include 2-3 minutes for questions)

Day 3: Session 1: Clinical Aspects of Ageing

09:00 – 09:45	Exhibitions open	Registration and Refreshments
09:45 – 10:30	Introduction by the Chair Developing age appropriate drug formulations for older patients	<i>Dr Mine Orlu Gul</i> , UCL School of Pharmacy, Department of Pharmaceutics, London, UK
10:30 – 11:00	Changes in the perception-action synergy as a function of Dementia	<i>Professor Michael Wade</i> , University of Minnesota twin Cities Campus, Minneapolis, United States
11:00 – 11:15	Oral Presentation ROLE OF ANTI-INFLAMMATORY CYTOKINES ON MUSCLE MASS AND PERFORMANCE CHANGES IN ELDERLY MALES AND FEMALES	<i>Professor. Roberto Paganelli</i> , Dept. of Medicine & Sciences of Aging, Chieti scalo, Italy
11:15 – 11:45	Group Photo and Session Break	Refreshments, Poster viewing, Sponsors exhibition
11:45 – 12:15	Kidney Failure - an acquired form of accelerated ageing	<i>Dr David Goldsmith</i> , Prof. of Nephrology, Renal Unit at Guy's and St Thomas' NHS Foundation Hospital, London, UK
12:15 – 12:45	Oral Presentations	
12:15 – 12:30	BIG DATA ON LONGEVITY IN A FOUNDER POPULATION	<i>Dr Sandra P. Smieszek</i> , Case Western Reserve University, Cleveland, Ohio, United States
12:30 – 12:45	CHANGES IN MORBIDITY BY PROXIMITY TO DEATH OVER TIME: EVIDENCE FROM EUROPE	<i>Ingo Kolodziej</i> , RWI, Essen, Germany
12:45 – 13:15	Question time: How to we define elderly? Should standard criteria be applied? There are many conflicting reports in the literature and some of the differences appear to be due to the differing or age ranges criteria used to define young or old. Excluding research funds, are there any resources that are hindering progress in research into ageing? If so, how as a research community can we address this need?	
13:15 – 14:15	Session Break	Lunch, Poster viewing, Sponsors exhibition
Day 3: Session 2: Diet and Metabolism		
14:15 – 15:00	Introduction by the chair White and brown adipose tissue interplay: effect on weight and metabolic control during aging	<i>Dr Labros Sidossis</i> , Shriners Hospitals for Children, University of Texas Medical Branch at Galveston, TX, USA
15:00 – 15:15	Oral Presentation Ω-6 (18:2) AND Ω-3 (18:3) FATTY ACIDS IN RECONSTITUTED HIGH-DENSITY LIPOPROTEINS SHOW DIFFERENT FUNCTIONALITY OF ANTI-ATHEROSCLEROTIC AND ANTI-AGING PROPERTIES	<i>Professor Kyung-Hyun Cho</i> , School of Biotechnology, Yeungnam University, Gyeongsan, Republic of Korea.
15:15 – 15:45	Session Break	Refreshments
15:45 – 16:15	A neural code for food abundance that modulates lifespan	<i>Dr QueeLim Ch'ng</i> , MRC Centre for Developmental Neurobiology, King's College London, UK
16:15 – 16:45	The epigenetic diet and its role in ageing	<i>Dr Trygve Tollefsbol</i> , University of Alabama at Birmingham, Birmingham, AL, USA
16:45 – 17:00	Question Time	
17:00	Chairman's Summing Up	Close of Event

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About the Speakers

Hani Atamna, College of Medicine, California University of Science & Medicine, Colton, CA, USA

Dr. Atamna's research is directed at understanding the mechanism of cellular senescence and to develop strategies to delay this process. He discovered the anti-senescence activity of methylene blue (MB), its effect on complex-IV, and mitochondria. MB prevented the age-related decline in cognitive function and muscle strength. Furthermore, Dr. Atamna studies on the mechanism of neurodegeneration of Alzheimer's disease (AD) identified heme-binding domain in Amyloid- β , which helped explain the cytopathologies of AD (e.g., decline in complex-IV). He is interested in developing novel therapeutic and diagnostic strategies to delay AD and cell senescence in hope to improve the quality of life with age.

Christian Behl, Chair and Director of the Institute of Pathobiochemistry, University Medical Center, Mainz, Germany

Christian Behl PhD, Full Professor, Chair and Director of Institute

1982-1989, Study Biology, University of Würzburg

1988, Diploma, University of Würzburg

1991, PhD in Neurobiology, University of Würzburg

1992-1994, Post Doc, Salk Institute for Biological Studies

1994-1996, Research Scientist at the Max Planck Institute of Psychiatry, Munich

1997-2002, Head of an Independent Research Group of the Max Planck Society at the MPI for Psychiatry, Munich

2002- date, Full Professor for Pathobiochemistry, Chair and Director of the Institute of Pathobiochemistry, University Medical Center of the Johannes Gutenberg University Mainz

Joanna M. Bridger, BSc (Hons), MA, PhD, FSB, Reader of Chromosome Behaviour, Brunel University London, UK

Dr Bridger graduated from UCL in 1990 and then studied for her PhD at the University of Dundee where she investigated the role of nuclear lamins in chromatin organisation. After which she became a post-doctoral scientist in the group of Prof Peter Lichter at the German Cancer Research Centre in Heidelberg to study the 3D organisation of individual chromosome territories and their environment. She returned to the UK to take a position in the MRC Human Genetics Unit in Edinburgh with Prof Wendy Bickmore and was involved in the finding that chromosomes have specific non-random nuclear locations. In 1999 Joanna became independent establishing her own group at Brunel University London where she has been for the last 15 years studying the role of nuclear architecture in genome behaviour in development, differentiation, infection and ageing.

Shula Baker, NIHR School for Primary Care Doctoral Research Student, Arthritis Research UK Primary Care Centre, Keele University, Staffordshire, United Kingdom

Shula is a doctoral research student at the Arthritis Research UK Primary Care Centre, Keele University. Her research examines the role of social participation in maintaining good health in older people with musculoskeletal pain using a mixed methods approach. She is a registered Physiotherapist, and has worked as a community physiotherapist in the NHS since graduating from Keele with a Bsc(hons) Physiotherapy degree in 2008

Alice Coffey, University College Cork, School of Nursing and Midwifery, Cork, Ireland

Dr Alice Coffey is a Registered General Nurse, Midwife and Nurse Tutor. She has a PhD Nursing, Masters in Education and a BA (honours) Degree in Health Management. As lead of the Healthy Ageing Research Group in the School of Nursing UCC, she is actively engaged in national, European and international multidisciplinary education and research collaboration regarding older people and healthy ageing. Dr Coffey's vision is focused on local, national and international multidisciplinary engagement to promote positive views of ageing and safe high-quality care for older people nationally and globally.

QueeLim Ch'ng, MRC Centre for Developmental Neurobiology, King's College London, UK

QueeLim Ch'ng is a lecturer at the MRC Centre for Developmental Neurobiology in King's College London. He has received several prestigious awards at each career stage: an ERC Starting Grant, an RCUK fellowship, the Jane Coffin Childs Postdoctoral Fellowship, and a HHMI Pre-doctoral Fellowship. He co-pioneered the first large-scale RNAi screens for synaptic function, followed by a large-scale analysis of synaptic protein localisation, as a postdoctoral fellow at Harvard/Massachusetts General Hospital. His current work uses a systems biology approach to uncover mechanisms by which neuroendocrine networks process environmental information to orchestrate physiology.

Laëtitia Gorisse, UMR MEDyC CNRS/URCA 7369, Faculty of Medicine, Reims, France

Laëtitia Gorisse made her studies in France especially on matrix proteins and their microenvironment in physiopathological contexts. Her PhD topic was about nonenzymatic posttranslational modifications of proteins, including matrix proteins, during chronic diseases and ageing ("Terms of accumulation of carbamylation derived products of proteins during ageing and chronic renal failure").

Makoto Goto, Tokyo Women's Medical University, Tokyo, Japan

In 1976: after completion of medical residency at University of Tokyo Hospital, Dr Goto started to find out biomarkers of normal ageing by using accelerated ageing models (Werner syndrome as a genetic model and rheumatoid arthritis (RA) as a natural model), because two conditions are 1) short life-span (Werner syndrome: about half and RA: about 10 years shorter than normal); 2) High frequencies of age-related pathologies; skin atrophy, atherosclerosis, malignancy, osteoporosis, metabolic syndrome and infection; 3) telomere-shortening. Dr Goto has been working as a physician-scientist at University of Tokyo, Toin University of Yokohama, Tokyo Women's Medical University, Tokyo Metropolitan Otsuka Hospital, Yokohama General Hospital and Nerima-Hikarigaoka Hospital. In 2015, Dr Goto retired from professorship.

Mine Orlu Gul, UCL School of Pharmacy, Department of Pharmaceutics, London, UK

Dr Mine Orlu Gul is a pharmacist. She received her MSc on the subject of colon targeted microspheres in 2003, followed by a PhD about fluorescently-labeled nanoparticles and their interaction with lung cells in 2008 from Istanbul University, Faculty of Pharmacy. She held a 1-year visiting scientist post at King's College London funded by Marie Curie Host Fellowship for Early Stage Training in the 6th Framework Programme of the European Commission. In respect to this, she was awarded an additional professional qualification, Euro-PhD in Advanced Drug Delivery, certified by Galenos Network & Saarland University, Saarbrücken, Germany. She worked as post-doctoral research fellow at the School of Pharmacy, University of London between 2008 and 2012 funded by UK NIHR Medicines for Children Research Network. She was appointed as Lecturer in Pharmaceutics to develop a research agenda in geriatric pharmaceutics in October 2012. She is a member of UCL Grand Challenges of Human Wellbeing Executive Group and Geriatric Medicines Society Age Appropriate Formulations Working Group. She also co-chairs The Academy of Pharmaceutical Sciences-Age Related Medicines Focus Group.

Lorna Harries, Peninsula College of Medicine and Dentistry, University of Exeter, Exeter, United Kingdom

Lorna gained her PhD from University College London in November 1994 and has since worked at several institutions including the Biomedical Research Centre at the University of Dundee, the MRC Cell Mutation Unit at the University of Brighton and the Institute of Biomedical and Clinical Sciences at the University of Exeter Medical School. Lorna set up the RNA-mediated disease mechanisms group in 2006; the group has interests in -omics approaches to the study of human ageing and age-related disease processes in man. Her specific focus is on the impact of alternative messenger RNA processing, small RNA and epigenetic gene regulation, with particular reference to human ageing and common age-related diseases in man. Her work ranges from 'big data' approaches (whole genome transcriptomics and epigenetics) to detailed individual molecular analysis of particular genes. Funding sources include the Wellcome Trust, the MRC, the Dunhill Medical Trust, The Dr Hadwen Trust and Diabetes UK. Lorna has written over 85 peer-reviewed articles and was awarded the Diabetes UK RD Lawrence Prize Lectureship in 2011. Her research team currently consists of 6 postdoctoral, postgraduate and technical staff.

Sze Man Hung, Institute of Chinese Medicine, The Chinese University of Hong Kong, Sha Tin, China
Miss Angela Sze-man HUNG is currently a doctoral student in Chinese Medicine at The Chinese University of Hong Kong. Her PhD project is about the effects of an innovative Chinese Medicine formula towards dementia and osteoporosis. Her research interests include the pathways involved in Alzheimer's disease and ischemic stroke, as well as exploring the potential use of Chinese Medicine as herbal supplements to ameliorate neurological disorders. She was the awardee of Hop Wai Scholarship and HKSAR Government Reaching Out Award. Recently, she was invited to be a research intern at Harvard Medical School during summer 2015.

Emeritus Amos D Korczyn, Department of Neurology, Tel Aviv University, 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 Beilinson 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.

Ingo Kolodziej, RWI, Essen, Germany
Ingo Kolodziej has been working as a researcher at RWI in the research department "Health Economics" since July 2012. He studied Economics and Business at Leibniz University of Hanover (B.Sc.) and Health Economics at Erasmus University Rotterdam (M.Sc.). During the time of his studies he worked as a teaching assistant at the departments of Statistics and Applied Economics. His research interests are in health economics, applied econometrics, the interdependencies of health and an ageing society.

Marios Kyriazis, ELPIS Foundation for Indefinite Lifespans, UK
Marios Kyriazis qualified as a medical doctor (MD) from the University of Rome, Italy, and after preclinical work in the USA he worked as a clinician in acute medicine in Cyprus, and the UK. He subsequently qualified as a Gerontologist with interest in the biology of aging and became a Chartered Member of the 'Royal Society of Biology' in the UK. He also has a post-graduate qualification in Geriatric Medicine from the Royal College of Physicians of London. Other appointments include Member of the Board of Trustees at the Mediterranean Graduate School of Applied Social Cognition, affiliate researcher at the Evolution, Complexity and Cognition Group, University of Brussels, and a Ronin Research Scholar. Currently, he works with the ELPIS Foundation for Indefinite Lifespans, a serious endeavour to study the elimination of age-related degeneration. The research is focused on transdisciplinary models and explores common principles between biology, complexity sciences, evolution, cybernetics, neurosciences, and techno-cultural elements. Areas of interest include robustness and degeneracy in organic systems, fragility and redundancy, repair processes (including self-repair), hormesis and environmental enrichment in aging, and immortalisation of somatic cells.

Donna M. Wilson, University of Alberta, Alberta, Canada
Donna Wilson is a Registered Nurse, with a full-time tenured position as Professor in the Faculty of Nursing at the University of Alberta. Her program of research focuses on health services and health policy, with most studies on aging and end-of-life care. Her research often involves population data and mixed methods for both qualitative and quantitative understandings. She has over 300 published articles, books, and book chapters in print. She is frequently consulted for expert commentary on aging, end-of-life care, health policy, and health system trends and issues.

Ramkumar Menon, Department of Obstetrics and Gynecology, Maternal-Fetal Medicine & Perinatal Research Division, The University of Texas Medical Branch, USA
Dr. Menon is a Perinatal and Reproductive Biologist and his studies have emphasized on identifying the mechanistic pathways of preterm birth (PTB, birth before 37 weeks of gestation). His research is now focused on fetal tissue oxidative stress responses to adverse intrauterine environment and how they cause fetal cell senescence. Dr. Menon has shown that premature senescence of the placenta and fetal tissues make them dysfunctional, create adverse intra uterine environment and promote preterm labor and delivery. His recent studies have provided insights into novel mechanisms of parturition triggers based on the concept of fetal cell senescence.

Yolande FM Ramos, Dept. Medical Statistics and Bioinformatics, Section Molecular Epidemiology, Leiden University Medical Center, Leiden, The Netherlands

Dr. Ramos received a PhD in Molecular Cell Biology and in Molecular Epidemiology. Currently, Dr. Ramos is working as a postdoctoral fellow in the group of Dr. Meulenbelt. Scientific interests are applying functional genomics to enhance bench-to-bed transition and precision medicine in the field of skeletal health and disease, in particular osteoarthritis. To achieve the aims, genetic variants identified in association with OA are further characterized by applying functional studies. In addition, Dr. Ramos aims at the identification of (molecular) biomarkers to respectively assess pathophysiological processes and to allow classification of OA patients with clinical relevant receiver operating curves.

Yuri Moskalenko, D.Sci., Honor Scientist of RF, D.O.(Honoris Causa, Cn.).Sechenov Institute of evolutionary physiology and Biochemistry, Russian Academy of Sciences, Russian School of osteopathic medicine, Sankt Petersburg, Russian Federation

Graduated as Electrical Engineering and M.D. in Leningrad Pavlov medical University. Postgraduate training in Burden Neurological Institute (U.K.) and USLA (USA). 1967- PhD in Physiology and was involved to Russian Space Programm in Academy of Sciences. In 1980 was honored by title of Professor and headed Laboratory in Sechenov Instotute Russian Academy of sciences. In 1988 awared by title "Honour Scientist of RF" and was elected as academician of International astronautisc academy. From 1996 involved to the study of fundamental osteopsathy problems and in 2003 Honores as Doctor of osteopathy (Honoris Causa) Author of 7 books and more than 250 eriodic publications, covering problems of physiology and biophysics of relationa of cerebrovascular and CSF systems indide cranium under different physiological conditions, including space mission. The special attention in these research was paid to aging aspects.

Graham Pawelec, Second Department of Internal Medicine, University of Tübingen Medical School, Tübingen, Germany

Graham Pawelec received an MA in Natural Sciences and a PhD in Transplantation Immunology from Cambridge University, UK. He is currently Professor of Experimental Immunology, University of Tübingen Medical School, Tübingen, Germany. He is a Visiting Professor, Nottingham Trent University, UK, and holds an Honorary Chair at Manchester University, UK. He is Co-Editor-in-Chief of "Cancer Immunology Immunotherapy" and Deputy Editor of the "Journal of Translational Medicine" and "Immunity and Aging". Research interests are currently centered on alterations to immunity, especially T cell-mediated immunity, in ageing and cancer in man, and the influence these have on the outcome of vaccination.

Luke Pilling, University of Exeter Medical School, Medical Research, RILD Level 3, RD&E (Wonford), Exeter, United Kingdom

Luke joined the Epidemiology and Public Health group at the University of Exeter Medical School in November 2010 as an Associate Research Fellow. His research focuses on conventional and biochemical risk factors of ageing and age-related diseases, in particular genetic and other molecular factors. The group aims to determine the underlying causes and mechanisms of ageing, and to inform clinical decision making and public health policy.

Roberto Paganelli, Dept. of Medicine & Sciences of Aging, Chieti scalo, Italy

Born 08/09/1951 in Rome, Italy

Married, two children

Present position- Professor of Internal Medicine (MED 09) at the Faculty of Medicine and Surgery of the Università "G. d'Annunzio" of Chieti-Pescara, appointed on 1-11-2004, affiliated to the Department of Medicine and Sciences of Aging,

- Director of the section of Allergy, Clinical Immunology and Occupational Health, member elected in the Council Board of the Department.

- Vice-director of the Schools of Specialty in Allergy and Clinical Immunology and in Rheumatology.

Teaching commitments

= Responsible for teaching the courses of Clinical Immunology and Rheumatology and coordinator of the integrated course of Systematic Pathology IV (including the subjects above mentioned, Allergology and Dermatology) in the Medical School, 5th year.

= Lecturer in Rheumatology in the Graduate School of Physiotherapy, coordinator of the course of Locomotor pathology, 2nd year.

Author /coauthor of over 300 publications, including peer-reviewed articles, book chapters, proceedings of scientific meetings and congresses, 80% of them in English.

Anton J.M. Roks, Dept. of Internal Medicine, Division of Vascular Disease and Pharmacology, Netherlands

Dr. Anton Roks is assistant professor and staff member of the Dept. of Internal Medicine, Division of Vascular Medicine and Pharmacology, Erasmus Medical Center Rotterdam, the Netherlands. He is working in the field of vascular ageing. He is an editorial board member of the journal *Clinical Science*, advises UK's Medical Research Council, and is a teacher of the Dutch Heart Foundation. In a key publication his lab showed the role of genomic damage in vascular ageing (Durik, *Circulation* 2012). More recently, he found that phosphodiesterase 1 inhibitors and caloric restriction mimics might be potential therapeutic agents against age-related vascular disease.

Ekaterina Rogaeva, Associate Professor and Chair in Research on Dementia with Lewy Bodies, Centre for Research in Neurodegenerative Diseases, University of Toronto, Canada

Dr. Rogaeva is an Associate Professor at the University of Toronto. During the past 20 years she has contributed substantially to the development of effective genetic testing of different forms of dementia in clinical practice. For instance, Dr. Rogaeva played a central role in the discovery and characterization of the two presenilin genes responsible for the early-onset form of Alzheimer's Disease, as well as the SORL1 gene associated with common late-onset form of Alzheimer's Disease. She is the author of 210 peer-reviewed publications and is listed among top-10 Canadian neuroscientists based on the highest impact papers in 2013-2014.

Giovanni Rizzo, iDNA Ltd/University College London, London, United Kingdom

Dr. Rizzo has over 14 years of experience in drug discovery and development. He was Head of Biology at Intercept Pharmaceuticals Inc. NY, USA. He is currently VP of Yaqrit Ltd, a start up from the University College London (UCL) for delivering new therapeutics for liver and gastro-intestinal diseases. He is founder of iDNA Ltd, a consultancy company for drug discovery and development programs.

Dr. Rizzo has the PhD in Oncology and the Master in Business Administration from HULT International Business School, London. He has an honorary senior lecturer position at Institute of Liver and Digestive Health, UCL.

Alessandra Sacco, Associate Professor, Development, Aging and Regeneration Program, Sanford-Burnham-Prebys Medical Discovery Institute, La Jolla, USA

Alessandra Sacco completed her education at La Sapienza University in Rome, Italy. She received postdoctoral training at Stanford University in the laboratory of Prof. Helen M. Blau. In 2010 Dr. Sacco was recruited as Assistant Professor at Sanford-Burnham Medical Research Institute (SBMRI) in San Diego. Since 2012 she actively participates to the SBMRI Graduate Program of Biological Sciences, and since 2014 she serves as Associate Dean of Curriculum for the Program. In 2015 she has been promoted to Associate Professor. Her research focuses on skeletal muscle stem cells and their role in tissue repair and homeostatic maintenance.

Labros Sidossis, Shriners Hospitals for Children, University of Texas Medical Branch at Galveston, TX, USA

Dr Sidossis is Professor and Director of the Metabolism Unit at the Shriners Hospitals for Children – Galveston and Director of Obesity Research at the Sealy Center on Aging. His current research focuses on energy balance and weight regulation, obesity and the metabolic syndrome. His studies have been funded by the NIH, the American Diabetes Association, the Shriners Hospitals for Children, the National Center for Research Recourses and the European Union. He has over 140 peer-reviewed publications. His work has been cited > 6000 times; h-index: 37.

Sandra P. Smieszek, Case Western Reserve University, Cleveland, Ohio, United States

Dr. Sandra Smieszek is a postdoctoral fellow in the Department of Epidemiology and Biostatistics at the Institute of Computational Biology. Her research focuses on translating biomedical 'big data' with the aim of elucidating the genetic underpinnings of complex traits and disorders with emphasis on Alzheimer's, HIV, Autism Spectrum Disorder amongst others. She is additionally conducting research on longevity and food security

Trygve Tollefsbol, University of Alabama at Birmingham, Birmingham, AL, USA

Dr. Tollefsbol is a Professor of Biology and a Senior Scientist in the Comprehensive Center for Healthy Aging, Comprehensive Cancer Center, Nutrition Obesity Research Center, and the Comprehensive Diabetes Center at the University of Alabama at Birmingham (UAB). He is Director of the UAB Cell Senescence Culture Facility which he established in 1999. Dr. Tollefsbol received training at leading institutes of gerontology and geriatrics and has published over 120 articles related to the field of aging and/or cancer. He has published 12 books on topics such as epigenetics, ageing, cancer, and telomerase gene regulation.

Athina Vidaki, Department of Pharmacy and Forensic Science, Faculty of Life Sciences and Medicine, King's College London, London, United Kingdom

Dr Vidaki completed her undergraduate studies in Biology at the National University of Athens. During her studies, she had the chance to develop her research skills in Cancer Biology as a summer student at the University of Texas MD Anderson Cancer Center. She then decided to undertake a Masters degree in Forensic Science at King's College London, where she further specialised in Forensic Genetics. She successfully completed her PhD in 2015, where her research mainly focused on tissue- and age-specific epigenetic changes in forensically relevant specimen. She is currently working as a post-doctoral researcher in the same Department.

Christina R. Victor, Professor of Gerontology and public health, Brunel University London, UK

Christina Victor is Professor of Gerontology and Public Health at Brunel University London and Vice Dean (Research) in the College of Health and Life Sciences. Her primary research interests focus upon understanding the social context of ageing and later life with specific reference to issues of loneliness and isolation, ageing in ethnic minority communities and promoting physical activity in later life. She has

David E. Vance, School of Nursing, The University of Alabama at Birmingham, USA

Dr. David E. Vance is a psychologist actively pursuing research in neurocognitive aging, neurocognitive remediation, and aging with HIV. Dr. Vance has +225 publications including +165 peer-reviewed publications, numerous book chapters, and editorials, and has presented his research prolifically in national and international venues. In 2011, he received a White House invitation to attend the first forum on aging with HIV and has participated as an invited member of the NIH Think Tank – Working Group on HIV and Aging sponsored by the Office of AIDS Research to develop the national research agenda, published in the Journal of Acquired Immunodeficiency Syndromes.

Michael Wade, University of Minnesota twin Cities Campus, Minneapolis, United States

Michael Wade is Professor of Kinesiology, and faculty in the Center Cognitive for Cognitive Science. His research focusses on the coordination and control of skill. His published research addresses dyspraxia in atypical children and changes in skill as a function of aging and dementia. A major theme of his research examines the dynamic interaction between perception and action and how such an embodied relationship can be disrupted as a consequence atypical development. He has published continuously from 1968 to the present, including journal articles books and book chapters. Professor Wade was born in the UK a graduate of Loughborough University, and completed his PhD at the University of Illinois.

About this Event

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.

There are three ways you can ask questions:

1. Before the session you can *submit your question to Euroscicon staff* at the registration desk,
2. Before and during the session you can *submit a question or comments, by email*, which will be provided on the day of the event
3. During the session you can *put your hand up* and join in

Session breaks

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

Please try to visit all the exhibition stands during this event. Not only do our sponsors enable Euroscicon to keep the registration fees competitive, but they are also here specifically to talk to you

Lunch

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

We have a number of dishes that are dairy free

Please note that all food has been prepared in an environment where nuts may be present.

Missing Speakers

It is unfortunate that occasionally a speaker cannot attend, most usually due to not getting visas granted, unforeseen personal events or illness. Whilst we do everything possible to ensure that our speakers are present at the event we apologise in advance if you were at a session where a speaker could not attend. We always try to keep our agendas as up to date as possible, however if a speaker cancels the night before an event or on the day, there is little we can do to rectify this.

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?

We cannot give out the slides from our speaker's presentations as they are deleted immediately after each event. If you require a particular set of slides please approach the speaker. We will however have a meeting report and you will be emailed when this report is published.

Can I have a notepad?

Notepads and pens are provided in the delegate bags and at the registration desk

How can I keep up to date with Euroscicon Events?

To keep updated on our events and other Life Science News, please sign up for our newsletter at www.eurosciconnews.com

I don't want my photograph on any Euroscicon promotional material

Please let our tech person know

Is there WIFI?

Yes, please ask registration for log in details

Can I have a CPD certificate?

CPD certificates will be available in the exhibition hall after lunch

Please remember that EuroSciCon is a small independent company with no subsidies from society memberships or academic rates for venues. We try to be as reasonably priced as possible and our delegate rates are substantially lower than comparable commercial meeting organisations

Personal belongings

Please take care of all your personal belonging as Euroscicon cannot be held responsible if an item goes missing from the lecture theatre or the exhibition hall.

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