

| ICSA 2019 Meeting | | | | |
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| 9/9/2019 | 10/9/2019 | 11/9/2019 | 12/9/2019 | |
| | Session Senescence: Genome - Epigenome (I) | Session Drug discovery - Senolysis - Therapeutics | Session Age related diseases -Aging - Geroscience | |
| | 9.00-9.45 Curtis Harris (Key Note) Aging and Cancer: p53 Isoforms | 9.00-9.20 Marco Demaria CDK4/6 inhibitors induce and modulate senescence responses | 9.00-9.20 David Liborio Velazco Multimorbidity phenotypes as a potential target for intervention | |
| | 9.45-10.05 Peter D. Adams A novel mito-nuclear retrograde signaling pathway is a target for suppression of cytoplasmic chromatin fragments (CCF) and SASP | 9.20-9.40 Laura Niederhofer Identifying key senescent cell types that drive aging | 9.20-9.40 Andrea Maler Senescence and age-related diseases in humans | |
| | 10.05-10.25 John M. Sedivy Somatic Retrotransposition in Cellular Senescence and Aging | 9.40-10.00 John D. Lewis (Darin Biotechnologies) Systemic Senolysis in Naturally Aged Mice using a Fusogenic Gene Therapy Approach | 9.40-10.00 Darren Baker Incriminating senescent cells to neurodegenerative pathologies | |
| | 10.25-10.45 Aristides Eilopoulos A role for the CD40 pathway in cellular senescence | 10.00-10.20 Paul D. Robbins Progress towards development of clinically-relevant senotherapeutics for extending healthspan | 10.00-10.20 Estathios Gonos Proteasome activation delays aging and progression of age-related diseases | |
| | 10.45-10.55 Fredrick A. Mullette KDMAA inhibition induces a senescence-like phenotype and increases sensitivity to Bcl2 inhibitors in MLN-A19 acute myeloid leukemia | 10.20-10.40 Manuel Calzado Identification and characterization of Cardiac Glycosides as a novel class of broad spectrum senolytic compounds | 10.20-10.40 Rebecca Mattas Exploring p.AS3T-alpha synuclein pathology in a human induced pluripotent stem cell-based model | |
| | 10.45-11.05 Tamir Chandra Global changes in regulatory networks in senescence | 10.40-11.00 Evangelia Pavlatou Nanomaterials and cellular senescence | 10.40-11.00 Maria Foustiri Molecular control of genome surveillance mechanisms and their implication in cancer and human pathology | |
| | 11.05-11.35 Coffee Break | 11.00-11.30 Coffee Break | 11.00-11.30 Coffee Break | |
| | Session Senescence: Genome - Epigenome -Telomeres | Session Senescence - Inflammation - Immunosenescence | Session The Senescence Microenvironment | |
| | 11.35-11.55 Oliver Bischof Breaking the S-Ensenescence CDSE: Towards Senescence Reversal and Therapeutic Opportunities | 11.30-11.50 Valery Krizhanovsky Immune system controls dynamics of accumulation of senescent cells during ageing | 11.30-11.50 Eiji Hara Cellular senescence and cancer: a gut microbial connection | |
| | 11.55-12.15 Sarantis Gagos Alternative Lengthening of Telomeres in neoplasia: a complex immortalization pathway with features of senescence | 11.50-12.10 Teresa Frisan Bacterial genotoxins and senescence in vivo: is there a role of the tissue microenvironment? | 11.50-12.10 Dimitris Kletsas Senescent cells as modulators of the tumor microenvironment | |
| | 12.15-12.35 Athanasios Benetos Telomeres dynamics - From the cellular senescence to the Human Aging | 12.10-12.30 Agryia Papanicolaou Autophagy-induced and SASP-free senescence in human cells and its anti-cancer implications | 12.10-12.30 Ittai Ben-Porath Tumor promoting activities of senescent cells in the skin and pancreas | |
| | Session Senescence: Metabolism (I) | 12.30-12.50 Raffaella Di Micco Dissecting the impact of cell senescence in the hematopoietic compartment | 12.30-12.50 Vassia Kostourou Endothelial cell adhesion is a central regulator of blood vessel homeostasis and pathology | |
| | 12.35-12.55 Manuel Serrano Iron deposition associated to hemolysis causes senescence and fibrosis | 12.50-13.10 George Carlisle DNA damage and Innate Immune Signaling in Development and Disease | 12.50-13.10 Daniel Muñoz Esplín Effects of chemotherapy-induced SASP in lung cancer progression | |
| | 12.55-13.15 Nektarios Tavernarakis Autophagic pathways regulating mitochondrial homeostasis in ageing and neurodegeneration | 13.10-13.30 Rania Tsalikis Immune signatures in age-related diseases | 13.10-13.30 Vassilis Aidinis Autotaxin (ATX), a novel player in chronic inflammation and fibrosis | |
| | 13.15-13.25 Andrew Young Autophagy-mediated reduction in telomericity in facilitating senescent cell clearance from mouse liver | 13.30-14.30 Lunch Break | 13.30-14.30 Lunch Break | |
| | 13.25-13.35 Nicholas Rettko Probing the Surface of Senescent Cells for p16 MHC-Peptide Complexes | Session Senescence in Human Diseases | 14.30-14.40 Ana O'Loughlin Novel regulators of senescence: in disease and health | |
| | 13.35-14.35 Lunch Break | 14.30-14.50 Christopher Logothetis Transitioning from a Prognostic to a Predictive Paradigm of Prostate Cancer Classification | 14.40-14.50 Ryan J Walls Investigating the Interplay between Senescence, Exosomes and Inflammation | |
| 15.00-17.00 | Registration | Session Senescence: Metabolism (II) | 14.50-15.10 Richard Nicholas Accelerated Aging of the brain in Multiple Sclerosis | 14.50-15.50 Judith Campisi (Key Note) The many lives of senescent cells |
| 17.00-17.15 | Welcome (Gorgoulis, Serrano, Young ICSA) | 14.35-14.55 Angel Nebreda Autophagy-induced senescence is regulated by p38a signaling: implications for chemotherapy | 15.10-15.30 Clemens A. Schmitt Senescence in oncology: linking cell biology to clinical care | |
| 17.15-18.00 | Yossi Shihoh (EMBO Key Note Lecture) The DNA Damage Response: Where Genome Stability Meets Human Mortality | 14.55-15.15 Isabel Varela-Nieto Cell senescence, autophagy and apoptosis cooperate in tissue remodeling during early liver ear morphogenesis | 15.30-15.50 Alexandra Giannamoukaki Markers of senescence and cancer prognosis | |
| 18.00-18.15 | Coffee Break | 15.15-15.35 Gerardo Ferbyne A cytosolic NAD+ regenerating complex bypasses senescence and contributes to transformation | 15.50-16.10 Sandeep Burma Elimination of senescent astrocytes in the brain tumor microenvironment attenuates glioblastoma recurrence after radiotherapy | |
| | Session Senescence: Genome - Epigenome (I) | 15.35-15.55 Ewa Sikora Interplay between cell senescence and autophagy: the lesson from post-mitotic neural and highly mitotic cancer cells | 16.10-16.30 Sebastian Foerisch Cellular senescence - From biological phenomenon to valuable clinical tool | |
| 18.15-18.35 | Vassilis Gorgoulis Genomic instability and "escape" from oncogene-induced senescence | 15.55-16.15 Ioannis P. Trougakos Proteome instability as a main hallmark of ageing and cancer | 16.30-16.40 Utz Herbig Humans increasingly develop senescent immune cells with advancing age | |
| 18.35-18.55 | Julian Blow How cells ensure complete genome duplication and what happens when this fails | 16.15-16.35 Niki Chondragani Eat, pray, degrade: Potential anti-ageing strategies offered by Mother Nature (and not only) | 16.40-16.50 Deborah Milligan Development of a 3D living skin equivalent to explore the influence of senescence on the skin ageing phenotype | |
| 18.55-19.15 | Zoi Lygerou DNA Replication Licensing Aberrations as Drivers of Genomic Instability | 16.35-16.45 Raqeel Ruj Suppression of p16 bypasses senescence through a mTORC1-mediated nucleotide metabolic reprogramming | 16.50-17.00 2 min speed talks Takehiro Yamanaka; Saba Manshadi; Satotaka Omori; Marc-Alexandre Olivier; Wioletta Grabowska | |
| 19.15-19.35 | Steve Horvath (young ICSA invited speaker) Epigenetic clock analysis of cellular senescence | 16.45-16.55 Haoan Zhu Harnessing senescence to control oncogene-driven cancer through the metabolic intervention | 17.00-18.00 Panel Discussion - General Assembly | |
| 19.35-19.55 | Dafni Pefani Molecular insights into the rDNA damage response | 16.55-17.10 2 min speed talks Ayush Srivastava; Covadonga Huilobro; Koji Itahana; Eva Gonzalez-Suarez; Amr Omer; Nafika Chala | 18.00 Poster Session II | |
| 19.55-20.15 | Wojciech Niedzwiedz A novel synthetic lethal interaction with the BRCA tumour suppressor pathway | 17.10 Poster Session I | 20.30 Gala Dinner Katerina Harvati-Papathodorou Human Evolution at the Crossroads: new discoveries and insights from the palaeoanthropology of Greece | |
| 20.15-20.25 | Jean-Marc Lemarche Manipulating senescence through reprogramming to improve tissue homeostasis in aging | | | |
| 20.25-20.35 | Alena Shen Epigenetically targeting senescent cells prevents the deleterious effects of glucocorticoids on growing skeleton | | | |
| 20.35 | Reception-Dinner Cocktail | | | |