Ajouaou, Yousra  Epigenetic regulation by UHRF1 in the aging liver	46
Albert, Olivia The role of age-related chromosomal aneuploidy in aging and glioblastoma	47
Arslan Ergül, Ayça Presenter: Akis, Elif  Brain-first and body-first Parkinson's disease modeling and disease progression on Zebrafish model	48
Asensio Aldave, Ainhoa Insights into DNA damage in regenerating young and aged mouse livers	49
Baluapuri, Apoorva  Mechanisms of gene regulation by the mammalian Integrator-PP2A  complex	50
Belotti, Edwige H2A.Z is required to initiate DNA repair to prevent premature aging	51
Bernardelli, Clara Senescence in lymphangioleiomyomatosis as a paradigm for the remodelling of lung microenvironment	52
Betlej, Gabriela Extracellular RNA as a damage-associated molecular pattern (DAMP) in chemotherapy-induced senescent osteosarcoma cells with DNMT2/TRDMT1 gene knockout	53
Breus, Oksana Towards functional rejuvenation and extended expansion of human somatic cells ex vivo with an RNA-based cocktail	54
Ceraolo, Carmine Spliceosome subunits and hnRNPs are actively excluded from the site of DNA double-strand break	55

Posters A-Z

EMBO   EMBL Symposium: The ageing genom	e: from mechanisms to disease	
Chang, Hyun-Kyung LentiMPRA detects functional non-cod	ding variants affecting longevity	56
Chatzinikolaou, Georgia  XPF acts with TOP2B and the CTCF/Colleading to DNA breaks on actively trans		57
Chevalier, Manon  Determining cell-non-autonomous res value in cancer therapy	ponses to aneuploidy and their	58
Choudhary, Priyanka  Developmental origins of psycho-card adolescence and their underlying pathmarkers: a two cohort's study		59
Clouaire, Thomas Chromatin accessibility dynamics dur repair	ing DNA Double-Strand break	60
Colleoni, Cristina  To clear or not to clear: interaction bet cells and the immune system	tween hematopoietic senescent	61
Crofts, Sam  DNA methylation rates scale with max	imum lifespan in mammals	62
Cutler, Ronald Consequences of somatic mutations a	at single-cell resolution	63
Dabrowski, Jan Probabilistic inference of epigenetic a dynamics	Presenter: Chandra, Tamir ge acceleration from cellular	64
Diette, Nicole  Developing a platform for human some expansion and genetic engineering us		65

Erden, Nihan Non-cell-autonomous Regulation of th	e n53-mediated DNA Damage	66
Response in Skin Homeostasis and Ca		00
Fiorito, Giovanni Prolonged fasting in humans improve insulin/IGF-1 pathway and signals a proretome		67
Fischbach, Arthur Artificial Hsp104-mediated systems fo aggregates	r re-localizing protein	68
Fotopoulou, Foteini  During ageing, the hematopoietic stendormancy, not apoptosis.	n cell genome is protected by	69
Garcia Merino, Lara  Deciphering the mechanisms leading a murine vascular wall at single-cell research		70
Guan, Di Mechanisms of UBE3C in human aging	g and longevity	71
Harwood, Michelle Increased allele-specific expression in immune response in healthy agers	blood can be beneficial for	72
Heid, Johanna Aging and the sustainability of somati	c mutation burden	73
Hemandhar Kumar, Nisha  Detailed analysis of the aged brain train mRNA properties and impaired mRN		74
Hussain, Mansoor OGG1 inhibition ameliorates inflamma models	Presenter: Li, Zhiquan tion in Alzheimer's disease	75

EMBO   EMBL Symposium: The ageing genome	e: from mechanisms to disease	
Ibañez-Solé, Olga Age- or lifestyle-induced accumulation with a generalized shutdown of long ge		76
Izadi, Mahmoud Tryptophanyl tRNA synthetase (WARS1 instability	) depletion leads to genomic	77
Izadi, Mahmoud Identification of novel proteins involved	Presenter: Pourkarimi, Ehsan d in the DNA damage response	78
Jenner, Leon Protein interactors of Plant Telomeric R	RNA	79
Jopkiewicz, Anita A phenotypic CRISPR-Cas9 screen to c RNA-dependent chromatin response to		80
Kamimura, Yoshitaka Klotho protects chromosomal DNA from	m radiation-induced damage	81
Khan, Irfan Stromal senescence modulates metasta checkpoint inhibitors in breast cancer in		82
Kim, Seungsoo Unraveling the biological mechanisms through integrated post-GWAS analysis		83
Madsen, Helena  Modulating innate immunity using natu and nicotinamide riboside	ıral compounds: Urolithin A	84
Manohar, Sandhya  Excessive Cell Growth Impairs Genome Cells into Senescence	Presenter: Neurohr, Gabriel e Homeostasis and Drives	85

Marqueta Gracia, José Javier Differential effect of HDACs in the repair of DNA damage by sister chromatid recombination	86
Muralidharan, Chandramouli Evidence for an innate immune response in aged human microglia using single-nuclei RNA-seq analysis	87
Omrani, Omid Aging-induced alteration of proteome dynamics in mouse intestinal tissue upon regeneration	88
Otten, Cecile ACRC/GCNA is an essential protease for the repair of DNA-protein crosslinks during vertebrate development	89
Ozaki, Mari Induced pluripotent stem cell derived type 2 alveolar epithelial cells: A novel platform for exploring telomere biology in pulmonary fibrosis	90
Pan, Elizabeth Somatic mutation burden and premature aging	91
Picotto, Julien Regulation of chromosome separation in mitosis through Lamin B1-Separase relationship in human cells	92
Rajakumar, Gayathiri The effects of a ketogenic Diet on DNA damage response and cellular senescence pathways during chemotherapy in acute leukemia patients	93
Ramos, Michael Edison Convergent transcriptional dynamics of microglia in the mouse spinal cord during aging and ALS	94
Rossiello, Francesca The telomeric DNA damage response controls the fibrotic phenotype in the lungs	95

EMBO   EMBL Symposium: The ageing genome: from mechanisms to disease	se
Rubie, Claudia <b>DNA methylation in lymphoblastic cell lines of Werner syndror patients</b>	<b>ne</b> 96
Rubie, Claudia RPA2, FHL2 and HOXA5 promoter methylation negatively correwith mRNA and protein expression in old age	elate 97
Simon, Matthew Presenter: Seluanov, And A rare human centenarian variant of SIRT6 enhances genome stability and interaction with Lamin A	rei 98
Sobilo, Lauren Presenter: Crabbe Vert, L Senescence and skin aging using advanced human 3D-bioprin skin constructs and transcriptomics	
Spindler, Jessica The role of SLX4IP in telomere maintenance	100
Tham, Cheng Yong Presenter: Ramlee, Muha Khairul High-throughput and nucleotide-resolution technique of meast telomere length using PacBio high fidelity sequencing platform	uring 101
Tiberi, Luca Transient rapamycin treatment during developmental stage extlifespan in Mus musculus and Drosophila melanogaster	tends 102
Totska, Khrystyna  C. elegans diapause stage as a model for longevity and rejuve	nation 103
Unfried, Max Lipid Clock: a novel machine learning powered tool to measure biological age and predict pancreatic cancer mortality	<b>e</b> 104
van der Linden, Janette Presenter: van der Pluijm Ercc1 DNA repair deficiency results in rapid vascular aging	, Ingrid 105

van der Lugt, Ruben Screening for factors that control activation or termination of the telomere damage signal	106
van Sluis, Marjolein Transcription-coupled DNA-Protein Crosslink repair by non-canonica TC-NER	<b>I</b> 107
Wolf, Alexander How somatic mutations cause aging without causing aging	108
Zöphel, Dorina Presenter: Lis, Annette Faster cytotoxicity with age: Increased perforin and granzyme levels in cytotoxic CD8+ T cells boost cancer cell elimination	109