	5th World Aging and Rejuvenation Conference (ARC-2023)	
	Jul 17 - 18, 2023 at Frankfurt, Germany	
	Scientific Program	
	Day-1 HALL- A	
08:00-08:45	Registrations	
08:45- 09:00	Opening Remarks	
	Keynote Session	
	Using enrichment criteria for clinical trials in aging: using biomarkers of peripheral	
09:00- 09:30	inflammation to predict cognitive dysfunction	
	Dr. RJ Tesi , CEO, INmune Bio, USA	
00.20 10.00	Comparing Interventions to Slow Human Ageing	
09:30- 10:00	Prof. Brian Kennedy , National University of Singapore, Singapore	
	Future Treatment of Alzheimer's Disease; Why Multi-Target Drugs	
10:00- 10:30		
	Prof Moussa B. H. Youdim, Technion-Faculty of Medicine, Israel	
	Group photo @ Garden	
10:30- 10:50	Refreshment Break @ Foyer	
Technical	Session Themes: Anti-Aging Strategies and Drug Development	
Session-I	Geriatrics and Medicine	
Chairs: Dr Egge	ehard Holler	
	The intracellular labile ironome as a predictor of the level of skin photoaging in	
10:50- 11:10	individuals: A powerful approach towards personalised sun protection	
	Charareh Pourzand, University of Bath, United Kingdom	
	The synergistic GIT2-RXFP3 signaling system – a protective receptor system	
11:10- 11:30	controlling age-related DNA damage	
11.10 11.50	Stuart Maudsley, Receptor Biology Lab - University of Antwerp, Belgium	
	Inflamm-aging: the impact on cardiac dysfunction following noxious insult	
11:30- 11:50		
	Xianzhong Meng, University of Colorado Anschutz Medical ,USA	
11.50 12.10	Changing the Approach to Anticoagulant Therapy in Older Patients with	
11:50- 12:10	Multimorbidity Using the Drug-PIN Precision Medicine Approach	
	Maurizio Simmaco , Sapienza University of Roma, Italy	
40.40.40.00	Signature effects of vector-guided systemic nano Bioconjugate delivery across blood-	
12:10- 12:30	brain barrier of normal, Alzheimer's and tumor mouse models.	
	Eggehard Holler, Terasaki Institute for Biomedical Innovation, USA	
	Geriatric Enhanced Recovery Interventions: A Ten-year Review of a Surgeon-led	
12:30- 12:50	Geriatric Surgical Service	
	Daniel Lee Jin Keat , Khoo Teck Puat Hospital, Singapore	
12:50- 13:10	Impact of a Secondary Prevention Program for Fragility Fractures at the	
	Orthogeriatric Clinical Care Center at the Fundacioon Santa Fe de Bogota, 2014-2020	
	orthogenatife chilical care center at the runuacioon Santa re de Bogota, 2014-2020	
	Carlos Mario Olarte, Hospital Universitario Fundacion Santa Fe de Bogota, Columbia	
13:10-14.00	Lunch @ Restaurant	
15.10-14.00	Lunch & Restaurant	

	Session Themes: Age-Related Diseases
Technical	Dementia and Alzheimer's
Session-II	Public Policy and Public Perspectives on Aging
Chairs: Michal	
	Joint effects of the APOE E4 allele and TOMM40-APOC1 variants in the genetics of
	Alzheimer's disease
	Alexander Kulminski, Duke University, USA
	Plasminogen decreases Aβ42 and Tau deposition, and shows multi-beneficial effects
14:20- 14:40	on Alzheimer's disease in mice and humans
	Jinan Li, Talengen Institute of Life Sciences, Hong Kong
	Can a prebiotic functional cookie enriched with probiotics counteract cognitive
14:40- 15:00	decline?
	Laura Bonfili, University of Camerino, Italy
	Volumetric Assessment of global intracranial flow in ageing patients with carotid
15:00- 15:20	artery stenosis
15.00- 15.20	Michal Elwertowski, Dept.of General Endocrine&Vascular Surgery Med.Univers. Warsaw,
	Poland
	Associations between the use of β-adrenoceptor acting drugs and the risk of
15:20- 15:40	dementia in older population
	Fang Fang, Shanghai Jiao Tong University School of Medicine, China
15:40- 16:00	Loss of HSF1 and HSC70 contributes to the onset of ALS pathogenesis
10110	Jared Sterneckert, Technische Universität Dresden, Germany
16:00- 16:20	Refreshment Break @ Foyer
16:20- 16:40	Adiponectin and Cognitive Decline
10.20 10.40	Lucia Scisciola, University of Campania Luigi Vanvitelli, Italy
	Measuring the Progress of Health Wellbeing: Health, Ageing and Gender in 21st
16:40- 17:00	Century China
	Gordon Anderson, University of Toronto, Canada
	YRF: Identifying relative contributions of multiple lifestyle- and health-related
17:00- 17:10	exposures to epigenetic aging
	Lifang Hou, Northwestern University Feinberg School of Medicine, USA
17:10- 17:20	YRF: An Analysis of the Impacts of the Long-term Care Fees Revision in Japan
	ZHANG XINFANG, Tohoku University, Japan
17:20- 17:30	YRF: Influence of Artery Shorten with Aging on Senile Hypertension
17.20 17.50	Jifeng Dai, Kunming University of Science and Technology, China
Pannel Discussions	
NOTE: This is tentative program and subject to change	

Il. 10, 2022 Dev. 2		
Jul 18, 2023 - Day-2 HALL- A		
	HALL- A	
	Keynote Session	
09:00-09:30	Environmental exposures to extreme weather, natural disasters, and ultra-fine	
	particles and multiple health outcomes among aging population	
	Shao Lin, University at Albany, State University of New York, USA	
	Recent clinical trials with investigational products intended to slow, stop or reverse	
09:30-10:00	normal aging processes	
03.30-10.00	Ricardo P. Garay, Director of Research CNRS, Paris, & President of Craven, France	
10:00-10:30	Allogeneic ADSCs Therapy for Organ System Rejuvenation: Safety and Efficacy	
	Yujian James Kang , Tasly Stem Cell Biology Laboratory, China	
10:30- 10:50	Refreshment Break @ Foyer	
Technical Session-III	Session Themes: Healthy Ageing	
Chairs: Dr Kemly Philip		
10:50-11:10	Medical Cybernetics for Healthy Aging with Lifestyle Interventions	
10:50-11:10	Zsolt Peter Ori, Ori diagnostic Instruments, LLC, United States	
	Aging of Human Hematopoiesis is Caused by a Subset of Non-primed Stem and	
11:10-11:30	Progenitor Cells with Senescence Signature	
	Anthony D. Ho, Ruprecht-Karls-University, Heidelberg, Germany	
	The importance of being active and fit for healthy ageing in older adults with	
11:30-11:50	intellectual disabilities	
	Alyt Oppewal, Erasmus MC, University Medical Center Rotterdam, Netherlands	
	Older, Nonagenarians, and Centenarians in Cilento, Italy, and the direct or indirect	
11:50-12:10	influence of Natural Environmental Factors	
	Silvana Mirella Aliberti, University of Salerno , Italy	
	4Active Intervention for Promoting Physical Activity and Cognitive Flexibility among	
12:10-12:30	Older Adults	
	Weiyun Chen, University of Michigan, USA	
	Analysing the human factors Influencing continue wearable device usage in Northern	
12:30-12:50	Old Populations	
	Karla Munoz Esquivel, Atlantic Technological University, Ireland	
	Interventional Pain Management for Spine and Musculoskeletal Disorders in the	
12:50-13:10	Aging Population	
	Kemly Philip, McGovern Medical School at UTHealth, USA	

13:10-14:00 Lunch @ Restaurant

Technical	Session Themes: Healthy Ageing - II
Session-IV	
Chairs: Dr Eggehard Holler	
14:00-14:20	Ageing in China
	Marion F. Krings, Erasmus University ESHPM Rotterdam NL, France

14:20-14:40	What can be learned from long-lived mammals: lessons from the blind mole rat
	Imad Shams, University of Haifa, Israel
14:40-15:00	Multimodal Microscopy and Its Applications in Cancer Research
	Lingyan Shi, UC San Diego, USA
15:00-15:20	Slot Available
15:20-15:40	Slot Available
15:40-16:00	Barriers and Challenges to Telemedicine Usage Among the Elderly Population
	Motti Haimi , Clalit Health Services, University of Haifa, Technion, Israel
16:00- 16:20	Refreshment Break @ Foyer
Technical	Session Themes: TBA
Session-V	Jession memes. TDA
Chairs: TBA	
16:20- 16:40	Mutant TMEM230 induced neurodegeneration
10.20 10.40	Wanli Smith , Johns Hopkins Unviersity School of Medicine, USA
	Development of a Novel Multidimensional Measure of Aging to Predict Mortality and
16:40- 16:50	Morbidity in the Prospective MJ Cohort
	Wu Xifeng , Zhejiang University School of Medicine, China
	Hypoalbuminemia increases complications in elderly patients operated for hip
16:50- 17:10	fracture
	Luigi Residori, AOUI Verona, Italy
17:10- 17:30	Slot Available

D. Dr. W. H. C. W.		
	Day-2 Paralell Session	
	July 18, 2023- Hall- B	
Technical	Theme: Mechanisms of Aging at Molecular, Cellular or Organ levels	
Session-VI		
Chairs: Dr Wei	wei Dang	
	Emotion regulation, optimism and hope in young and older adults one year after the	
10:50- 11:10	COVID-19 pandemic declaration	
	Steve Horvath, Altos Labs, USA	
11:10- 11:30	Oxylipin-PPARγ-INK signaling as a trigger of Bone marrow adipocyte senescence	
	MEI WAN, Johns Hopkins University School of Medicine, USA	
	Systematic estimation of biological age of in vitro cell culture systems by an age-	
11:30- 11:50	associated marker panel	
	Christiane Hartmann, University Medical center Rostock, Germany	
	A non-canonical RNA splicing signature uncovering aging marks in inflammatory	
11:50- 12:10	bowel diseases	
	Laurence Arbibe, Institute Necker Enfants Malades, France	
40.40.40.00	Cognitive deficits in aging are related with changes in basal forebrain and cortical	
12:10- 12:30	activity. Participation of IGF-I signaling	
	Angel Nunez , Universidad Autonoma de Madrid, Spain	
12.20 12.50	The microRNA miR-30a plays a key role in human chronological skin aging by	
12:30- 12:50	regulating cell differentiation, cell death and autophagy	
	Jerome LAMARTINE, CNRS University of Lyon, France	
12:50- 13:10	Disruption of chromatin as a cause of aging.	
13:10-14.00	Weiwei Dang, Baylor College of Medicine, USA Lunch @ Restaurant	
13.10-14.00	Towards uncovering the basis of negligible senescence in vertebrates: enter the	
14:00- 14:20	salamander	
14.00 14.20	Maximina H.Yun, CRTD & MPI-CBG, Germany	
14:20- 14:40	Novel insights from mammals of extreme longevity into organ regeneration	
	Guo Huang, University of California, San Francisco, USA	
	Senescence and Mesenchymal Stem Cell Function: Challenges and Opportunities for	
14:40- 15:00	Therapeutic Applications	
	Tamara Tchkonia, Mayo Clinic, USA	
	The role of community groups in supporting older migrants into sustainable and	
15:00- 15:20	healthy employment	
	Matt Flynn, University of Leicester, United Kingdom	
	AGEs as a biomarker of aging-related diseases: classical and new methods for	
15:20- 15:40	detection in biological fluids	
	Margherita Borriello, University of Campania "L. Vanvitelli"/Dept of Precision Medicine,	
	Italy	
15:40- 16:00	Cardiovascular and Metabolic diseases and the Risk of Dementia	
	Arsha Moshiri, International College of Cardiology-Canadian Branch, Canada	
16:00- 16:20	Refreshment Break @ Foyer	

NOTE: This is tentative program and subject to change	
Day-2 Concludes	
	Closing Remarks
	Technical Session-V
	Parellel Virtual Session
	July 17, Frnakfurt time, 09:00 AM onwards
	Abling factors for Older Adults working into older age in Japan: Discussion on
09:00-09:20	outcomes of the studies conducted 2019-2022.
	Kazuyo Kanzaki Sooudi, Iryo-Sosei University, Japan
	Composite Biomarkers for Assessing Frailty Status in Stable Older Adults with
09:20-09:40	Cardiovascular Disease
	Akihiro Hirashiki, National Center for Geriatrics and Gerontology, Japan
	Prescription of potentially inappropriate medicines and comparison with lists of
09:40-10:00	essential medicines for treatment of chronic disorders in older patients
	Juan Gu , Affiliated Hospital of Zunyi Medical University, China
10:00-10:20	Efficacy of single-photon emission computed tomography aided botulinum
10:00-10:20	Lingjing JIN, Tongji University, China
	Singapore multidisciplinary consensus recommendations on muscle health in older
10:20-10:40	adults – assessments and multimodal targeted interventions across the continuum of
10.20-10.40	care
	Samuel T.H Chew, Changi General Hospital, Singapore
10:40-11:00	TBA
10110 11100	Soumyabrata Banerjee, Vidyasagar University, India
	Effect of a video-assisted fall prevention program on fall incidence in
11:00-11:20	community dwelling older adults in India
	Snehal Kulkarni, Dr. Vishwanath Karad, MIT World Peace University, Pune, India
	Multimorbidity related to frailty syndrome in the elderly
11:20-11:40	Panage And Madicina and Dharmage State University "Nicelas Testemitany" Meldeva
	Popescu Ana, Medicine and Pharmacy State University "Nicolae Testemitanu", Moldova
	Emotion regulation, optimism and hope in young and older adults one year after the
11:40-12:00	COVID-19 pandemic declaration
	Enrico Sella, Department of General Psychology University of Padova, Italy
	Cognitive Stimulation Therapy (CST): Its efficacy for people with mild-to-moderate
12:00-12:20	dementia and the role of individual characteristics.
	Elena Carbone, Department of General Psychology University of Padova, Italy
12:20-12:40	A critical review of anti-aging interventions in the IGF-1 and insulin pathways in mice
	Sanjush Dalmia, University of Leeds, UK
	The new Current and Retrospective Cognitive Reserve (2CR) survey and its
12:40-13:00	relationship with cognitive and mood measures in adulthood and older age
	Erika Borella, Department of General Psychology University of Padova, Italy

	Projections to 2025 of the household sector within the Dutch economy
13:00-13:20	Jan W. Van Tongeren, Ex-Head National Accounts and Classifications, UN Statistics
	Division, Netherlands
13:20-13:40	Surgical-site infection after hip fracture surgery; preoperative full-body disinfection
	compared to local disinfection of the surgical site.
	Noelle Probert, Orebro University, sweden
13:40-14:00	Falls prevention for community dwelling individuals with cognitive impairment: a
	qualitative enquiry
	Nansi Felton, University of the West of England, United Kingdom
	Antiparkinson drugs use and adherence in older adults and associated factors: an
14:00-14:20	integrative review
	Gessica Cazuza De Medeiros, Universidade Federal de Pernambuco, Brazil
14:20-14:40	The kitchen and the elderly: universal design of environment and products
	Camila Feldberg Porto, State University of Minas Gerais, Brazil
	GPER agonist G-1 up-regulates compromised drug responses of the aortae in aging
14:40-15:00	rats
	Guichun Han, University of Pikeville-KYCOM, USA
15:00-15:20	Aging glial cells in autoimmune demyelinating disease
	Jeffrey Atkinson, The Ohio State University, USA
15:20-15:40	Skeletal Muscle Microphysiological System to Model Sarcopenia
	Maddalena Parafati, University of Florida, United States
15:40-16:00	Diagnostic and Therapeutic Lumbar Punctures in Neurodegenerative Diseases
	Samuel Frank, Beth Israel Deaconess Medical Center/ Harvard Medical School, USA
	HIV-1 Tat induced HIF-1-IncRNA BACE 1-AS mediated astrocytic amyloidogenesis:
16:00-16:20	Implications for Alzheimer's like neuropathology in HIV
	Shilpa Buch, University of Nebraska Medical Center, United States
16 20 16 10	A Model of Care to improve Survival of Older Trauma Patients: Geriatric
16:20-16:40	Comanagement
	Iva Neupane, Brown University, USA
16:40-17:00	Hacking Natural Catabody Defenses to Treat and Prevent Alzheimer Disease
	Stephanie Planque, Covalent Bioscience Inc, USA Idiopathic pulmonary fibrosis is associated with common genetic variants and limited
17:00-17:20	rare variants
17.00-17.20	Anna Peljto, University of Colorado Anschutz Medical Campus, USA
	Scholarly concentration programs in geriatrics
17:20-17:40	Lindsay Wilson, University of North Carolina, USA
17:40-18:00	Thinkie Cognitive Training Exercises Promote Improved Cognition in Older Adults
	Bianca Acevedo, University of California, Santa Barbara, USA
	Exercise training for prevention and treatment of older adults with heart failure with
18:00-18:20	a preserved ejection fraction
	Bharathi Upadhya, Duke University, USA
	Hyperglycemia Negatively Affects IPSC-Derived Myoblast Proliferation and Skeletal
18:20-18:40	Muscle Regeneration and Function
	Xiufang Guo, Univesity Of Central Florida, USA
18:40-19:00	slot Available
10.10 15.00	SIOC AVAILABLE

19:00-19:20	The role of shoulder dysfunction in decline of health-related quality of life and
	mobility among older adults: preliminary results
	Derik L. Davis, University of Maryland School of Medicine, USA
	Technical Session-VI
	Parellel Virtual Session
	July 18, Frnakfurt time, 09:20 - 19:00
	Prospect of Traditional Chinese Medicine in Anti-Aging Application via Epigenetics
09:20-09:40	Modification
	Mengnan Li, Shijiazhuang Yiling Pharmaceutical Co., Ltd, China
	Protective effect of Ginseng extract against ultraviolet irradiation to the female
09:40-10:00	Drosophila melanogaster
	XianJun Dai, China Jiliang University, China
	Nutrition mediates the relationship between number of teeth and sarcopenia:
10:00-10:20	a pathway analysis
	Xiaolei Liu, West China Hospital, China
10:20-10:40	COVID-19 immunity in the elderly
10.20-10.40	Matthew Zirui Tay, A STAR Infectious Diseases Labs, Singapore
10:40-11:00	Protective and stimulating effects of IR-irradiated water vapor on biological objects
	Olga Yablonskaya, Emanuel Institute of Biochemical Physics RAS, Russia
	Assesment of cardiovascular risk factors among healthy vegans, lacto/ovo-
11:00-11:20	vegetarians, pescatarians, and people on a mixed diet
	Izabela Kwiatkowska, Poznan University of Medical Sciences, Poland
11:20-11:40	Exploring the Role of the Neutrophils in Alzheimer's Disease Pathogenesis
11.20 11.40	Elena Zenaro, University of Verona, Italy
11:40-12:00	ТВА
11.40 12.00	Arshan Dadrewalla, Imperial College Healthcare NHS Trust, UK
12:00-12:20	DNA methylation in lymphoblastic cell lines of Werner syndrome patients
12.00 12.20	Claudia Rubie, Saarland University, Germany
12:20-12:40	Course of Cognitive Consequences of Aging, biological and physiological explanation
	Gabriele Mayer, Freiburg, Germany
	Therapeutic approach with commercial supplements for pantothenate kinase-
12:40-13:00	associated neurodegeneration with residual PANK2 expression levels.
12.40-15.00	associated neurodegeneration with residual PANK2 expression levels.
	Jose Antonio Sanchez Alcazar, Universidad Pablo de Olavide, Spain
	The discourse of nursing students about the palliative care with the hospitalized
13:00-13:20	elderly
	Kissyla Harley Della Pascoa Franca, Hospital Universitario Fundacion Santa Fe de
	Bogota, Brazil
	Selective Laser Trabeculoplasty versus Micropulse Laser Trabeculoplasty for
13:20-13:40	Intraocular Pressure Control in Patients with Primary Open Angle Glaucoma: A 12-
13.20-13.40	month Retrospective Comparative Study
	Roberto Lauande Pimentel, Univisao/Unime, Brazil

13:40-14:00	slot Available
14:00-14:20	Addressing Access and Inclusion for LGBTQ+ Older Adults in Housing and Long-Term Care Communities
	Sydney Richardson , Director National LGBTQ+ Elder Housing Initiative ,USA
14:20-14:40	When to opt for preemptive anticoagulation with SARS-CoV-2 infection in the long-term care faciliti
	Nadia Mujahid, Warren Alpert Medical School of Brown University, United States
	Measuring US Old Age Food Insecurity
14:40-15:00	Madonna Harrington Meyer, Syracuse University, USA
	Surgical-site infection after hip fracture surgery; preoperative full-body disinfection
15:00-15:20	compared to local disinfection of the surgical site.
	Neda Moinolmolki, Albertus Magnus College, USA
	Keynote Talk: Suspended in time: Molecular responses to hibernation also promote
15:20-15:50	longevity
	Kenneth B. Storey, Carleton University, Canada
15:50-16:20	Keynote Talk: Cellular Senescence, Senolytics, and COVID-19
15:50-16:20	James L. Kirkland , Mayo clinic, USA
	Developing novel senotherapeutics by drug screening, drug design, and machine
16:20-16:40	learning
	Lei Zhang, University of Minnesota, USA
	Sex-difference in the effect of social drinking on structural brain aging and cognitive
16:40-17:00	function in older individuals free of cognitive impairment
	Osama A Abulseoud, Mayo Clinic, United States
	Progression of Alzheimer's like pathology via astrocyte-derived extracellular vesicles
17:00-17:20	in HIV associated neurocognitive disorders
	Susmita Sil, University of Nebraska Medical Center, United States
17:20-17:40	Growth hormone role in the aging tissue microenvironment
17.20-17.40	Vera Chesnokova, Cedars-Sinai Medical Center, USA
	Necroptosis-mediated inflammation as a possible driver of hepatocellular carcinoma
17:40-18:00	in aging
	Deepa Sathyaseelan, OUHSC, USA
	Impact of the Affordable Care Act on participation in the Supplemental Nutrition
18:00-18:20	Assistance Program among low-income older Medicare beneficiaries
	Hyunmin Kim, The University of Southern Mississippi, USA
	Cognitive and methylome rejuvenation in old rats by hippocampal oskm gene
18:20-18:40	therapy
10.20 10.40	Rodolfo G Goya, National University of La Plata (UNLP), Argentina
	Immunotherapy and Microbiota for Targeting of Liver Tumor-Initiating Stem-Like
	Cells
18:40-19:00	Keigo Machida, University of Southern California, Dept. Molecular Microbiology and
	Immunology, USA
	Beyond Cognitive Screening: How to Establish a Interprofessional Perioperative Brain
19:00-19:20	Health Initiative Pathway
15.00 15.20	Justyne Decker, University of Southern California, USA
	Justyne Decker, University of Southern Cathornia, USA

19:20-19:40	Aging and sexuality: conflicting definitions
	Janie Steckenrider, Loyola Marymount University, USA
	slot Available
We are still accepting oral and poster presentations. To book your slot, contact Dr. Alex Greenspan	