



TIME	DAY 1 AGENDA	SPEAKER/S	IDEATION
08h00-08h30	REGISTRATION		
08h50-08h55	MC Welcome to ILS	Tamara Pheiffer Ojochogwu Saba Abdul	Framing the conference
08h30-08h45	Co-Founder/ CEO Welcome to ILS	Brenda Ramokopelwa	Launch of ILS AfroLongevity
PART ONE DIVERSITY AND INCLUSION: UNDERSTANDING LONGEVITY AND EXPLORING THE POTENTIAL OF AFRICAS DIVERSITY TOWARD INCLUSIVE SCIENTIFIC DISCOVERY			
08h45-09h00	Mayoral Welcome Address		
09h15-09h35	African Storytelling		
09h35-10h00	*Africa Rising	Yavi Madurai	Africa Rising
10h00-10h25	The Future of the Longevity Movement in Africa	Aubrey De Grey	Pioneering breakthroughs in Africa What can Longevity Science contribute and how will it benefit Africa and the world
10h25-10h50	The Science of Longevity: Extraordinary Resilience, adaptation and negligible senescence	Rochelle Buffenstein	Counter-examples to inevitability of aging Describing mechanisms of extraordinary resilience, adaptation and negligible senescence. Discussing the physiological and molecular response and adaptation to life in extreme environments. Offering perspectives on the potential that exists in Africa to contribute further to longevity science Contextualising Longevity Medicine for the African continent
10h50-11h15	Genomics and Longevity Science in Africa	Nicola Mulder	Development of capacity for genomics in Africa Genomics and Longevity Science Genetic determinants of disease susceptibility African Genome variation: Diversity and inclusion Human and Pathogen genomics Training, Education, Curriculum Development in Africa

11H15-11H30	COFFEE BREAK		
11h30-12h00	Demystifying Longevity Science: creating integrated solutions in Africa for Africa and the world	PANEL DISCUSSION <i>(Chair: Tamara Pfeiffer)</i> Brenda Ramokopelwa Emilian Popa Nicola Mulder Nomusa Dlamini Yavi Madurai *HH	Relevance and prioritisation Reality versus Myths Barriers to investing in Africa Equitable Healthcare in Africa Barriers to Longevity Medicine implementation Describing scientific discovery and translation in the context of the African healthcare landscape and in cultural settings Challenges faced Challenges anticipated Investor attitude due to socio-economic conditions, vulnerability Positioning Africa
12h00-12h25	Philosophy, Creativity and Science in Longevity Medicine	Ojochogwu Saba Abdul	Big History Creative Systems Thinking The promise of exponential advancement Philosophical constructs driving our vision at AfroLongevity Transformative, exponential thinking: conceptualisation of novel ideas Bridging academia, industry and culture
12h25-12h50	Positioning Africa in Longevity Science: Advancements in Biotechnology	Next Biosciences	Positioning Africa in Longevity Science: Advancements in Biotechnology
12h50-13h15	Longevity Escape Velocity	David Wood	Longevity Escape Velocity as the New Copernican Revolution Prioritising transformation internationally (with an Afrocentric focus) Enabling technological disruption and resource provision for longevity promotion in resource constrained settings
13h15-14h00	LUNCH		

PART TWO: INNOVATION			
14h00-14H25	Revolutionising Longevity Research	Lisa Fabiny-Kiser Maria Entraigues	Education, Outreach, Innovation, Research
14H25-14H50	The Future of Brain Health and Regeneration	Natasha Vita-More	The Future of Brain Health and Regeneration AI advancement
14h50-15h15	Integrated Biology for Longevity Science	Rozalyn Anderson	Integrated Biology
15h15-15h30	Biological optimisation	Walter Crompton	Inclusive pre-adult biological optimisation for maximisation of longevity and fitness
15h30-15h45	Precision and Personalisation in Hormone Therapy Prescription	Sly Nedic	Implications for Longevity and Health Outcomes
15h45-16h00	Cellular Rejuvenation	Zak Varkaris	Exotherapy Fertility: Opportunities in Africa
16h00-16H15	COFFEE AND NETWORKING BREAK		

PART TWO: INNOVATION CONT.			
16h15-16h40	Innovation and longevity ecosystem building	Oleg Teterin Jr.	Innovation in Longevity science: Gamification Big Data Crypto Simulation of Clinical Trials: Digital Twins
16h40-17h10	Longevity Investment	PANEL DISCUSSION <i>(Chair: Jyothi Devakumar)</i> Aubrey De Grey Brenda Ramokopelwa Jasmine Smith	Longevity Investment Enabling and supporting innovation in Africa
17h10-17h30	The Vision of AfroLongevity	Tinashe Dube	A Smart City in Africa
17h30-17h40	Recap	Tamara Pheiffer Ojochogwu Abdul	Summary of the Day
17h40-17h45	Invitation to Gala Dinner and Closing	Brenda Ramokopelwa Osinakachi Akuma Kalu	Gala Dinner invite
17h45-19h00	NETWORKING/ INDIVIDUAL BREAK		
19H00	<i>AfroLongevity Gala Dinner</i>		



TIME	DAY 2: AGENDA	SPEAKER/S	IDEATION
06H00-08H00	SUNRISE SAFARI/ QUAD BIKING/HIKING/BREAKFAST		
08h00-08h30	REGISTRATION		
08h30-08h35	Welcome to ILS DAY 2	Eileen Cheng Tamara Pheiffer	Framing the Day
08h35-08h40	Launch MOF 2023	Sarita Sharma	Magazine of the Future 2023
PART ONE TRANSLATION			
08h40-09h05	Healthy Aging	Andrea Maier	Healthy Aging
09h05-09h15	Predictors of Ageing: Preparing for the Second Demographic Dividend in South Africa	Sibusiso Mkwana	Predictors of Ageing: Preparing for the Second Demographic Dividend in South Africa
09h15-09h25	Reimagining healthcare in Africa through implementation and integration	Nadine Hoosen	Physician Leadership for clinical translation Precision Medicine interventions and Longevity Promotion Health Ecosystem building
09h25-09h55	Enabling discovery and clinical translation for Health System evolution	PANEL DISCUSSION (Chair: Nadine Hoosen) Madichaba Phuti Chelopo-Mgobozi Next BioSciences Meshandren Naidoo Merci Atu ***	Unlocking the African Genome Accelerating discovery Data stewardship Building equitable healthcare ecosystems Tech infrastructure development, Analytics, Systems integration AI and systems augmentation Bottlenecks in Clinical Translation Barriers and Opportunities for Longevity Promotion in Clinical Practice

09h55-10h20	Leading the Longevity Science Revolution on the African Continent	Tamara Pheiffer	Recap of session: presenting the key solutions Biohacking, Wellness, Education, Advocacy
10h20-10h40	COFFEE/ NETWORKING BREAK/ EXHIBITION SESSION		
PART TWO CONVERGENCE			
10h40-10h55	The possibility of a future powered by nature	John Oseni	The Possibility of a future powered by Nature
10h55-11h10	Innovation and Convergence	Nick Enslin	A story of discovery and innovation: Immobazyme
11H10-11h40	Innovation and interconnectedness in Science	PANEL DISCUSSION <i>(Chair: Brenda Ramokopelwa)</i> Nick Enslin Valentine Okeke Annie J. Daniel Ntanga Mapholi	One Health concept Practical applications of scientific discovery for longevity promotion of humans, animals and the planet Sustainability Contextualising longevity science from a broader perspective Biodiversity The relationship between our environment and longevity promotion Poverty alleviation through science
11h40-12h00	The Africa BioGenome Project	Ntanga Mapholi	The Africa BioGenome Project Towards the representation and preservation of Africas rich BioDiversity
12h00-12h25	Integrated Biology: The Regulation of Lifespans and pro-longevity effects	Holly M. Brown-Borg	Molecular and Cellular Biology Integrated Biology
12h25-12h50	Our transhuman future	Peter Xing	Transhumanism Convergence and its consequence in Africa Exploring Web3 and Blockchain Technology
12h50-13h05	DISCUSSION: Longevity; where are we now and promising ways forward	DISCUSSION SESSION: Tamara Pheiffer Eileen Cheng	ROVING MIC Q&A INTERACTIVE SESSION
13h05-13h35	LUNCH		

PART THREE DISCOVERY			
13h35-14h00	Gene therapy and regulation	Elizabeth Parrish	Regulation Experimental Therapies: Risk vs Benefit Limiting and enabling factors promoting discovery
14h00-14h25	Emerging Therapies: The Case of Cellular Medicine in Longevity Science	Salmaan Dalvi Eileen Cheng	Haematopoietic Stem Cell Transplantation for Sickle Cell Anaemia as a curative treatment for African children
14h25-14h50	Glycans: Bridging the Longevity Divide	Simisola Elizabeth Oke and Lucija Sironic	Glycans: Bridging the Longevity Divide
14h50-15h15	From inflammAging to intrinsic capacity	Patrizia D'Alessio	From inflammAging to intrinsic capacity: A role for Terpenoid GeroProtectors.
PART FOUR INVESTMENT, LEADERSHIP, POLICY, GOVERNANCE AND ADVOCACY			
15h15-15h40	Population Health and Longevity Science	Stephen Wandera	Prolonging lifespan and Promoting Well-being as a public health imperative Exploring strategies for the UN Decade of Healthy Aging in Africa Discussing the vision for Africa and the World
15h40-15h55	EXHIBITION BREAK/ NETWORKING/ COFFEE		
15h55-16h15	Health Governance amidst technological advancement in Africa: Focus on AI	Meshandren Naidoo	AI as a creator Generative AI in Healthcare: Use in South Africa Policy, governance, Regulation, IP
16h15-16h40	Longevity and its legal spectrum	Paul Spiegel	Enablement of Progressive ideation in longevity and regenerative medicine Longevity and its legal spectrum
16h40-17h05	How investing in Longevity Science might be the best decision for political leaders	Jose Luis Cordeiro	How investing in Longevity Science might be the best decision for political leaders

17h05-17h20	Exploring Policy and its implementation in Longevity Science	Jyothi Devakumar	Longevity and Policy
17h20-17h40	Longevity: Investment, Advocacy, Policy and Clinics	PANEL DISCUSSION (Chair: Jyothi Devakumar) Moirra Allen Carolette Norwood Anastasia Egorova Stephanie Dainow Aubrey De Grey	Longevity Advocacy: Challenges and Opportunities Africa's social constructs as a longevity promoting asset The influence of community on longevity promotion Longevity Policy Clinics
17h40-18h00	Advocacy and accelerated progress	Stephanie Dainow	Advocacy and accelerated progress
18h00-18h15	The AfroLongevity Mentorship and Incubation Program	Andrea Maier	The AfroLongevity Mentorship and Incubation Program
18h15-18h30	The Launch of AfroLongevity	Brenda Ramokopelwa Osinakachi Akuma Kalu	Future Vision and Projects. Concluding remarks & Closing