

HEVOLUTION

Global
Healthspan
Summit 2025

Architecting The Future

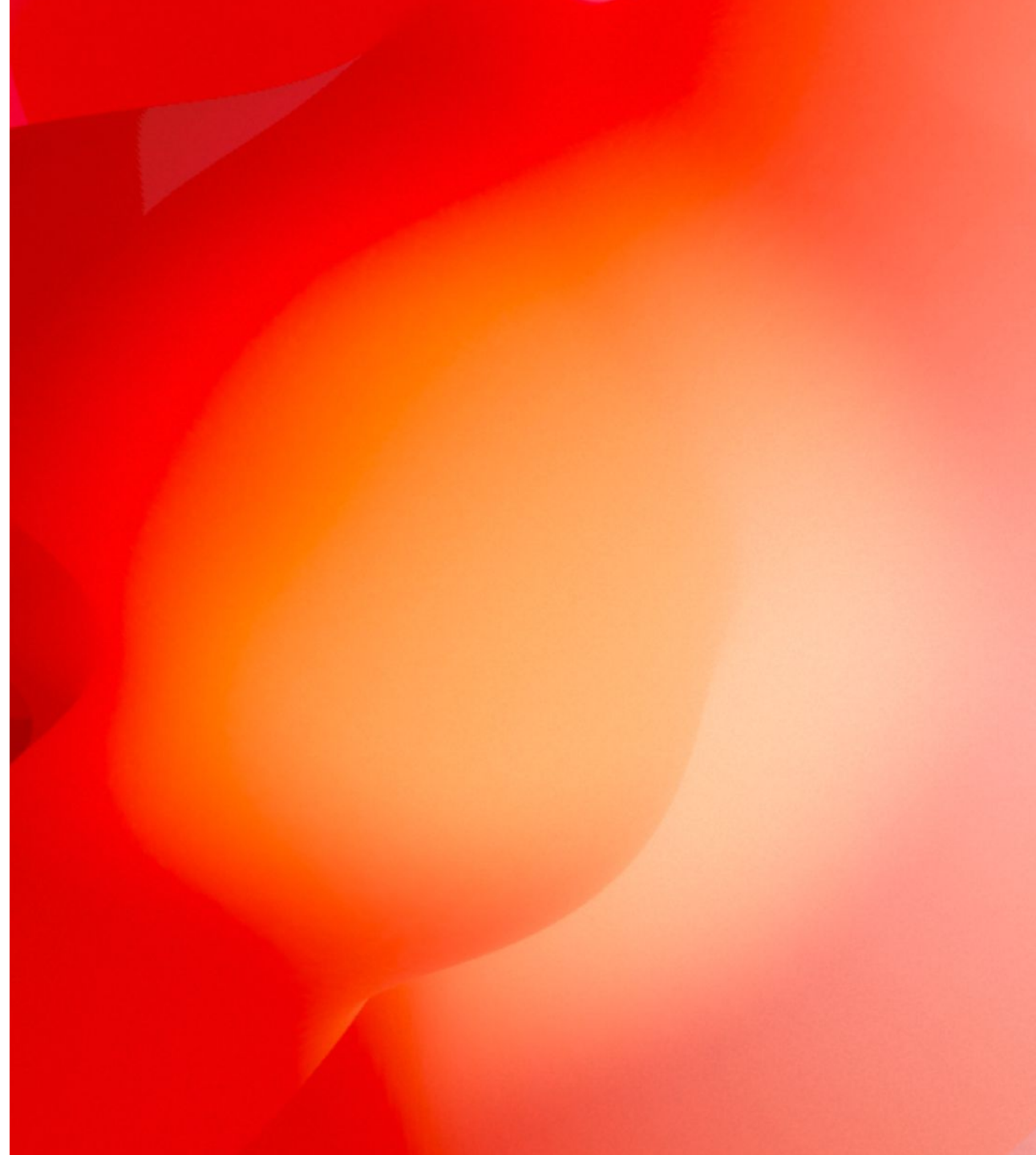
Program-at-a-Glance

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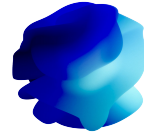


GHS 2025 Themes



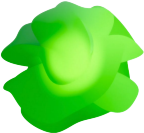
The Macro Case

What next?



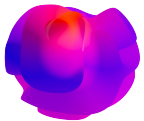
State Of The Science

Where do we stand?



Ecosystem Trends

How do we develop the ecosystem?



Radical Change

What will it take?



The Long View

Where will this lead in the future?

What's on Where?

The Horizon Hall

Both a captivating walkway into the conference and a museum of Hevolution's work and impact on the world of health and healthspan. What is the journey so far?

The Hevolution Arena

The key ideas space at GHS 2025, featuring leading minds, showcasing the big questions around healthspan and overarching themes, setting the tone for the path ahead in architecting the future.

The Innovation Lab

Technical expertise on science, medicine, ethics, investment and more including the latest research and real-world benchmarks and movements. This stage features audience Q&A.

The Forum

Step into GHS 2025's dynamic Debate Space, where the art of argumentation comes alive! This vibrant arena is dedicated to showcasing compelling points and thought-provoking counterpoints, creating an exhilarating environment for intellectual exchange.

The Healthspan Hub

The central meeting point at GHS 2025 featuring networking space, stages and more.

The Foundry

New ideas across verticals within ecosystems including science, medicine, policy and investment, featuring leading minds and allowing for audience Q&A.

The Ideas Lab

Technical expertise on science, medicine, ethics, investment and more including the latest research and real-world benchmarks and movements. This stage features audience Q&A.

The Plaza

A new stage for GHS 2025, showcasing the Saudi research landscape as well as new scientific posters and much more.

Day 1 – Tuesday 4 February 2025



Day 2 – Wednesday 5 February 2025



Time	Session	
08:30	Registration	
09:45	Opening Proceedings	
09:50	Opening Keynote: Architecting the Future Welcome to GHS 2025.	
10:05	Opening Panel: Healthspan Science, Research Investment, Medicine and More – What Now, What Next? A walk through the ecosystem elements that influence how the future of healthspan looks, with expert-led highlights around core challenges, and opportunities.	
10:40	Science Focus: Exposomes, Microbiomes, Sexual Dimorphism and Scientific Investigations around Healthspan What is the science saying now?	
11:15	Investment Focus: New Perspectives and Investor Focus Points What is the current investment landscape around healthspan, and what are the market trends?	
12:00	Fireside Chat: The Future of Medicine – Interventions beyond the Clinic The latest on the groundbreaking interventions that extend beyond traditional clinical settings, envisioning a future where medicine integrates seamlessly into daily life to enhance healthspan.	
12:30	Lunch and Networking	



The Macro Case

What next?



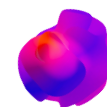
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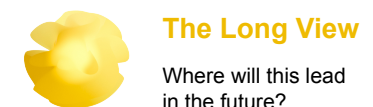
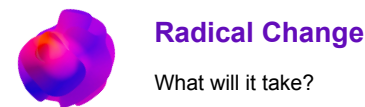
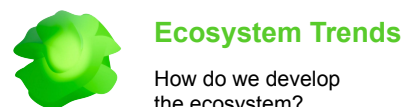
What will it take?



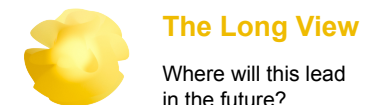
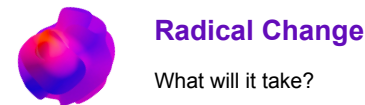
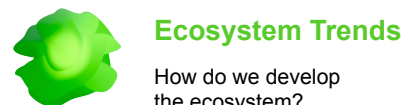
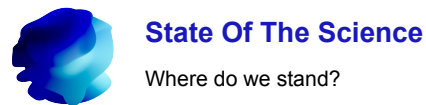
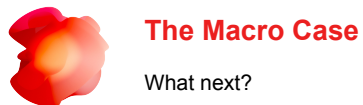
The Long View







Where will this lead in the future?

Time	Session	
15:00	<p>New Ideas: Comparative Biology - What Can it Unlock? This session will uncover the transformative potential of comparative biology, revealing how insights from diverse species can unlock new strategies for enhancing healthspan and combating age-related diseases.</p>	
15:15	<p>New Ideas: Rejuvenation - What Role in the Healthy Aging Debate? This session will provoke debate by questioning whether the quest for rejuvenation in healthy aging is a misguided pursuit that risks prioritizing superficial youthfulness over genuine well-being, ultimately leading to ethical dilemmas and societal divides.</p>	
15:30	<p>New Ideas: Remodeling and Recalibrating our Approach to Healthspan through Interventions Beyond the Clinic What are the innovative strategies for remodeling and recalibrating our approach to healthspan through interventions beyond the clinic, challenging traditional healthcare paradigms?</p>	
15:45	<p>Fireside Philanthropy Chat: Advancing Equity, Supporting Innovation and Promoting Policy Change through Philanthropy How can philanthropy be a catalyst for advancing equity, fostering innovation, and driving policy change, while challenging participants to confront the inherent tensions between these goals and question whether philanthropic efforts truly lead to sustainable, systemic transformation?</p>	
16:05	<p>Fireside Healthcare Chat: Systems, Funding and Innovations What are the interconnected systems, funding mechanisms, and innovative approaches necessary to enhance healthspan, challenging participants to rethink how we allocate resources and support breakthroughs that prioritize long-term well-being over short-term solutions?</p>	
16:20	<p>Intersectional Town Hall: Architecting the Future through Research and Innovation (with Audience Q&A) Open debate combined with expert thinking on the role research and innovation play in supporting solving the challenge of healthspan, and what further building blocks are needed.</p>	
17:30	Closing Keynote	
17:45	End of GHS Day 1	



The Foundry	D2IL-2 13:30-14:30	D2IL-3 14:30-15:30	D2IL-4 15:30-16:30
	The Medical Hour How can the medical sector can evolve to support healthspan extension, focusing on shifting from disease-centric approaches to preventive and personalized medicine.	The Science Hour Cutting-edge developments in healthspan science, and how the ecosystem is interacting and evolving, with experts from different fields.	The Healthcare Hour Healthcare systems must transition to a proactive, personalized approach integrating advanced diagnostics and lifestyle interventions to extend healthspan and compress morbidity across the lifespan.
The Innovation Lab	D1IF-1 13:30-14:15	D1IF-2 14:30-15:15	D1IF-2 15:30-15:15
	Intrinsic Capacity – Measurement and Interventions The latest approaches to measuring intrinsic capacity across its five domains, examining innovative assessment tools and multidomain interventions designed to preserve and enhance functional ability throughout the aging process	Resilience, Stress Resistance - Emerging Evidence and Research Explore the emerging evidence suggesting that resilience and stress resistance are physiologically distinct processes, examining cutting-edge research on the biological mechanisms and genetic factors that uncouple stress resilience from longevity and their implications for healthspan.	Policy and Regulatory Interventions for Healthy Aging Examine key policy and regulatory interventions aimed at promoting healthy aging, including public health initiatives, healthcare system reforms, and legislative measures designed to support older adults' wellbeing and extend healthy lifespans across populations.
The Ideas Lab	D1IF-4 13:30-14:15	D1IF-5 14:30-15:15	D1IF-6 15:30-15:15
	AI and Machine Learning in Healthspan Research How artificial intelligence and machine learning are revolutionizing healthspan research by analyzing complex biological data, identifying novel biomarkers of aging, and accelerating the discovery of interventions to extend healthy lifespan.	Regulatory and Ethical Considerations in Healthspan Investment Addressing issues of equitable access, responsible innovation, and the balance between maximizing returns and ensuring societal benefits.	Epigenetics of Aging The latest research on epigenetic changes associated with aging, focusing on how DNA methylation, histone modifications, and chromatin remodeling impact cellular senescence.
The Forum	D1A-1 13:30-14:30	D1A-2 14:30-15:30	D1A-3 15:30-16:30
	The Impact Investing Delusion – Real Change vs Feel-Good Metrics? This session will critically examine impact investing, questioning whether it drives meaningful change or serves as a facade for feel-good contributions, revealing that many "impact metrics" may be mere vanity metrics.	Healthspan - For Many or for Few? This session will ignite controversy by questioning whether the pursuit of healthspan extension is truly for the benefit of all, or if it will predominantly serve the privileged few, exacerbating existing health inequalities and leaving marginalized populations behind in the quest for a longer and healthier life.	Chaos Ahead? The Ethical Quagmires of Healthspan This session will delve into the ethical quagmires surrounding healthspan extension, questioning whether the relentless pursuit of longevity could lead to unforeseen chaos in societal values and healthcare priorities.
The Plaza	D1P-1 13:30-14:30	D1P-1 14:30-15:30	D1P-1 15:30-16:30
	Introduction to Hevolution Introduction for the Hevolution Foundation, it's mission and vision.	Biotech KSA Discover the evolving biotech landscape in KSA.	Research KSA How is the research ecosystem around healthspan and related areas developing in KSA?



Time	Session	
08:30	Registration	
09:45	Day 2 Opening Proceedings and Ministerial Keynote	
09:55	Opening Keynote: Navigating Complexity in Healthspan Implementation Strategies for implementing healthspan-focused approaches within complex healthcare systems, addressing challenges such as interdisciplinary collaboration, data integration, and policy alignment.	
10:05	Opening Keynote Response Panel: Ethical and Social Implications of Extending Healthspan Confronting the ethical dilemmas and societal challenges arising from efforts to extend healthspan, including issues of equity, resource allocation, and the potential reshaping of human life cycles, while asking: How can we ensure that the benefits of healthspan extension are distributed fairly and contribute positively to society as a whole?	
10:40	Counterpoints: Designing Healthspan Interventions – Science in the Clinical Setting vs In Practice How can we translate scientific healthspan interventions into clinical practice, examining the tension between rigorous research protocols and real-world implementation while addressing how to bridge the gap for effective, personalized healthspan strategies in diverse healthcare settings?	
11:05	Panel: Advanced Data Analytics and Longitudinal Studies for Healthspan Research This session will explore how advanced data analytics and longitudinal studies are revolutionizing healthspan research by enabling the identification of aging biomarkers, prediction of age-related diseases, and evaluation of long-term interventions to extend healthy lifespan.	
11:30	Science Town Hall: Trends, Conundrums and New Findings Real-world thinking and new ideas from some of healthspan and related areas leading scientific minds.	
12:30	Lunch and Networking	



The Macro Case

What next?



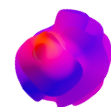
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Time	Session	
12:30	Lunch and Networking	
15:00	Investor Viewpoints: From Money to Measurement and Impact How investors are evolving their strategies to balance financial returns with measurable impact in the health span sector, including around short to long-term returns.	
15:35	Fireside Chat: Beyond the Valley of Death or Translational Research This fireside chat will explore strategies for navigating the critical "valley of death" in translational research, discussing innovative approaches to bridge the gap between promising laboratory discoveries and successful clinical applications in healthspan science, while asking: How can we accelerate the journey from bench to bedside to bring life-extending interventions to those who need them most?	
16:05	Closing Town Hall: Architecting the Future through Research and Innovation (with Audience Q&A) A closing session highlighting key takeaways, hopes and plans for the future beyond 2025.	
16:40	Closing Keynote and Proceedings	
17:45	End of GHS Day 1	



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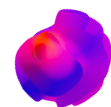
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	The GCC Hour How the GCC is building its healthspan research ecosystem, investing in age-related disease understanding while fostering collaboration for sustainable growth.	The Investment Hour Expert review of the evolving landscape of healthspan investment, examining transformative opportunities in biopharmaceutical research, funding initiatives and more.	The Media Hour With healthspan research rapidly evolving, how can science communication bridge the gap between scientific discoveries and public understanding.
The Innovation Lab	D1IF-1 13:30-12:45	D1IF-2 13:30-14:15	D1IF-4 15:30-15:15
	Biomarkers – Right Track or New Track? Critical examination of the evolving role of biomarkers – are current approaches effectively enhancing scientific understanding or following established paths and ‘innovation-light’?	Exposomes – Healthspan and Neural Aging Deconstructing the latest around the myriad environmental, chemical and behavioral factors influencing healthspan and neural aging.	Biological Mechanisms of Resilience and Stress Resistance Investigating the biological mechanisms underlying resilience and stress resistance.
The Ideas Lab	D1IF-5 13:30-12:45	D1IF-6 13:30-14:15	D1IF-8 15:30-15:15
	The Economics of Healthspan and Aging Societies Economic implications of extending healthspan, examining how investments in healthy aging can yield significant returns through reduced healthcare costs, increased productivity, and new market opportunities.	Longitudinal Studies – Into the Next Era Exploring the relationship between aging, healthspan, and socioeconomic factors.	Creating the Next Generation of Research and Healthspan Entrepreneurs Strategies to engage and inspire the next generation of scientists in human health and aging through mentorship, innovative research, and interdisciplinary collaboration.
The Forum	D2A-1 13:30-12:45	D2A-2 13:30-14:15	D2A-3 15:30-16:30
	The Prevention Paradox – Healthspan at Any Cost? This provocative session will challenge the prevailing wisdom of healthspan extension by arguing that our obsession with prolonging life at any cost may be creating a society of long-lived but unfulfilled individuals, sacrificing quality of life for mere quantity.	AI – The Greatest Scientist in Waiting? This provocative session will challenge the scientific community by proposing that AI is poised to become the ultimate scientist, surpassing human capabilities in hypothesis generation, experimental design, and data analysis, while questioning whether human researchers will soon become obsolete in the face of superintelligent machines capable of making groundbreaking discoveries at an unprecedented pace.	Quantifying the Unquantifiable – Is the Quest for Universal Healthspan Metrics Futile? This session will critically examine whether the pursuit of universal healthspan metrics is a futile endeavor, questioning the feasibility and implications of quantifying healthspan in a way that truly reflects individual and population health amidst the complexities of aging and subjective health experiences.
The Plaza	D2P-1 13:30-14:15	D2P-1 14:30-14:15	D2P-1 15:30-16:30
	Entrepreneurship in Action – What does it take to Build a Biotech? Demystifying essential elements of building a successful biotech company, including navigating funding challenges, translating scientific innovations into marketable products, and understanding the regulatory landscape, while questioning whether the current entrepreneurial ecosystem truly supports sustainable growth in the biotech sector.	Global Healthspan Report 2025 Following the inaugural Global Healthspan Report by Hevolution in 2023, what’s on the horizon for the 2025 edition?	Meet the Healthspan Entrepreneurs Interviews with healthspan entrepreneurs, focusing on their journeys and hopes for the ecosystem.

