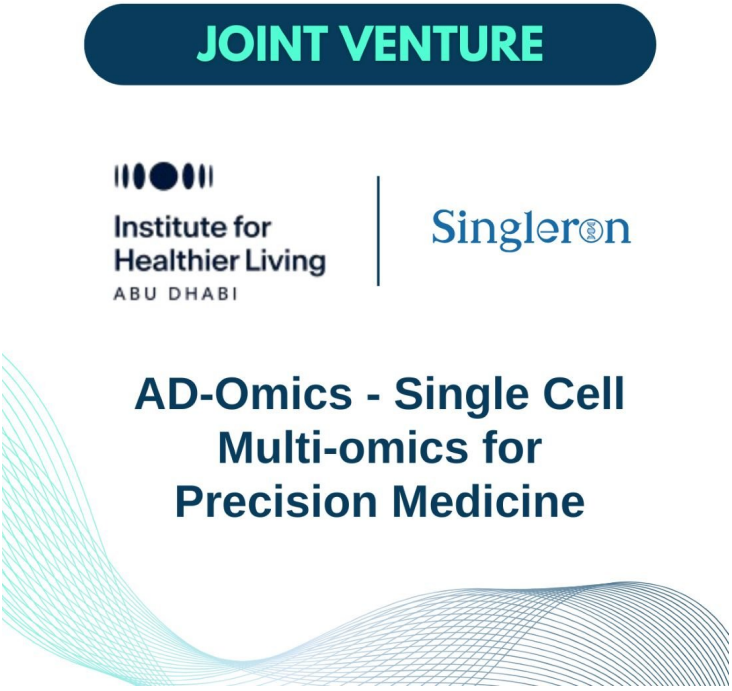
BioSpectrum
the business of Bio & Health Sciences
ASIA EDITION

Singleron Biotechnologies & IHLAD launch Joint Venture to advance precision medicine in Middle East

April 17, 2025 | News

To create a future where precision medicine becomes the cornerstone of healthcare in the Middle East



The Institute for Healthier Living Abu Dhabi (IHLAD), the world's first specialised Healthy Longevity Medicine Centre, and Singleron Biotechnologies, a global leader in single-cell multi-omics technologies, has announced the formation of AD-Omics, a groundbreaking joint venture designed to revolutionise precision medicine diagnostic offerings across the Middle East.

AD-Omics will focus on implementing cutting-edge genomic and single-cell multi-omics technologies to deliver personalised healthcare solutions for the first time in the region, in alignment with the UAE's vision of becoming a global leader in advanced healthcare, fostering innovation, and enhancing patient outcomes.

This strategic collaboration will combine IHLAD's expertise in scientific healthy longevity with Singleron's innovative technologies in single cell multi-omics to address the unique healthcare needs of the region.

Key areas of collaboration will include:

- **Genomic and cellular insights:** Bringing Singleron's advanced single-cell sequencing technologies to the region for the first time to advance insights in research and ageing together with future clinical offerings.
- **Chronic disease management:** Enhancing the diagnosis and treatment of chronic illnesses such as diabetes, cardiovascular diseases, and cancer through precision medicine.

- **Education and research:** Establishing regional centers of excellence to train healthcare professionals and foster research in precision medicine.
- **AI integration:** Using artificial intelligence to analyse multi-omics data and develop predictive models for disease progression and treatment outcomes.
- **Market development:** Providing the Middle East region with advanced single cell multi-omics solutions, from products to end-to-end service.