

HealthSpan Research Center

Launched in
April 2026

Stay Healthy, Live Longer.

Tohoku University's Initiative to Extend Healthspan

Established in April 2026

Rationale

Objective
1

Close the nearly 10-year gap between lifespan and healthspan

Objective
2

Overcome bottlenecks in aging research

- Biomarkers of aging remain unclear
- Aging research requires long timeframes
- Various factors are involved in aging

Objective
3

Bridge the "Valley of Death" in research and development (R&D)

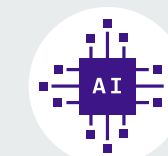


HeSReC
HealthSpan Research Center

Features



Cross-departmental R&D framework integrating basic and clinical research



Leverage university resources and AI for Science



Global competitiveness and a robust research network

Mission

Develop evidence-based interventions for extending healthspan

Goal
1

Deliver new aging-modifying technologies to society

Goal
2

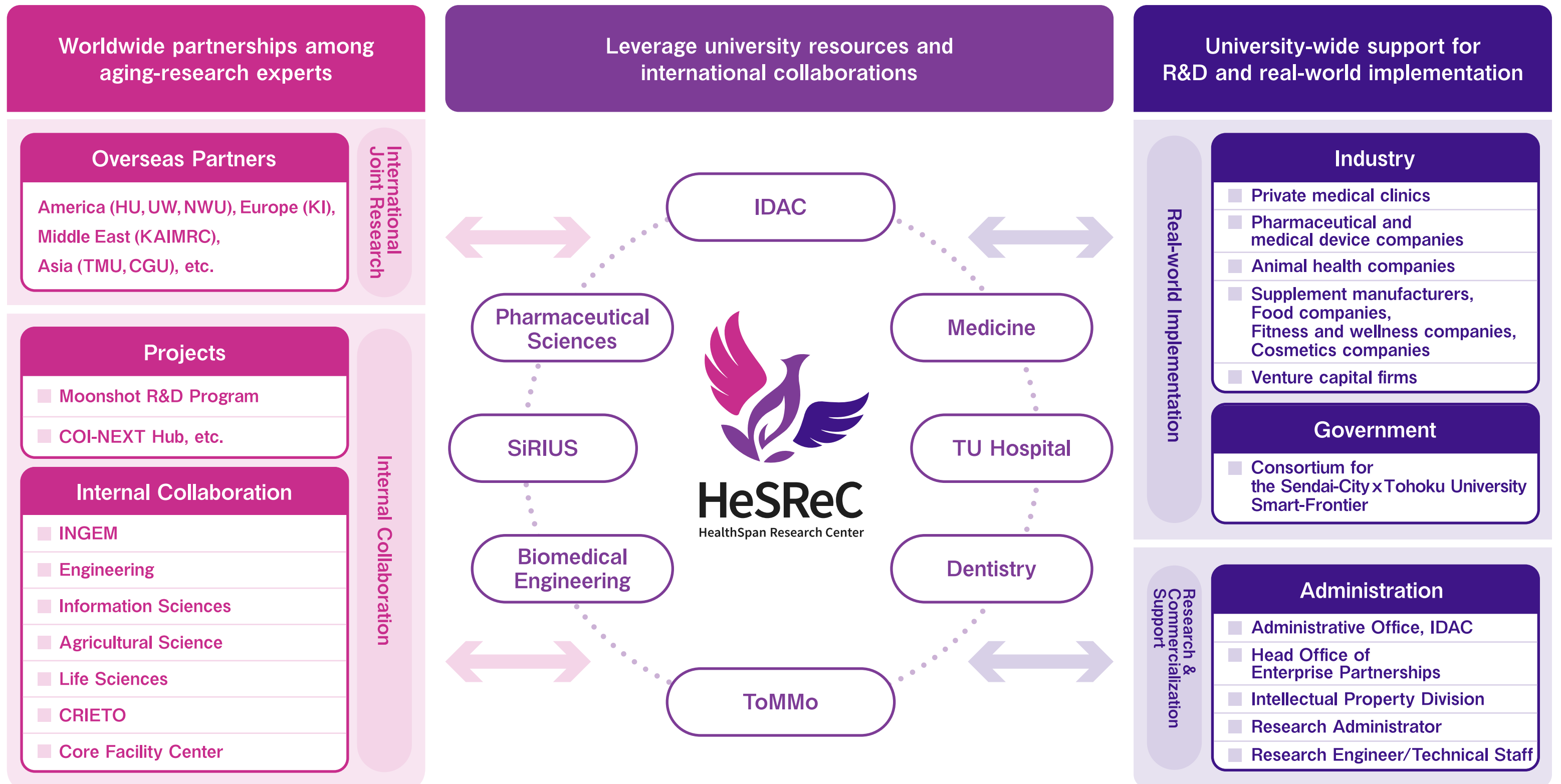
Extend healthspan by modulating immunity, inflammation, and metabolism

Goal
3

Identify biomarkers of aging from biological big data

Purpose and Organizational Structure of the Healthspan Research Center

Launched in April 2026



Rationale

Address the challenge of extending healthspan in a super-aged society

Establish an international hub for healthspan research by engaging leading scientists in aging biology and R&D

Drive a seamless continuum from basic research to applied clinical research to elucidate aging mechanisms, develop interventions, and deliver them into real-world implementation