

THE MISSION

HT's mission is **to improve human health and well-being, including a focus on healthy aging**. This mission will be achieved by:

- Carrying **out frontier research in the life sciences**, aimed at developing innovative approaches for personalized and preventive medicine.
- **Setting up and operating scientific services and facilities** to be made available to external scientists, responding to the needs of the national and international life sciences research communities.
- Driving **innovation and progress** by promoting technology transfer and by engaging in relations with industry, to foster the transformation of scientific discoveries into tangible applications for the benefit of patients and society.
- Disseminating **scientific activities and achievements** to reinforce the message that science is a public good.

ADVANCING THE NATIONAL SYSTEM

As a **research centre of excellence and large-scale research infrastructure**, HT will play a major role in scientific capacity building in the life sciences. By combining the missions above, Human Technopole will enrich and contribute to advancing the national system, acting as a reference point for the Italian academic life science community. At the same time, its high standards will make HT an ideal partner for excellent European and international institutes and collaborative initiatives. By forging scientific connections with relevant international partners and networks, HT will gain further visibility for and help raise the profile of Italian biomedical research.

The following **core principles** will be the bedrock of and drive of all HT's activities:

- Scientific Excellence
- Interdisciplinarity
- Internationality and Diversity
- Openness and Collaboration
- Service to the Research Community.

CENTRES AND FACILITIES

Research at Human Technopole will take a **comprehensive and interdisciplinary approach to the study of human biology**, aimed at understanding basic mechanisms that regulate physiology and disease. It will pursue a **unique mix of experimental and computational research**, ranging from fundamental "blue skies" research to translational research with a more direct application to human health.

Research centres in **five initial, complementary and highly relevant areas** for biomedical and health-related research will be set up in the first phase of HT development:

