

# Scientific Structure

## t11 Clinical and Translational Research in Cardiovascular Diseases

- Heart failure and myocardial remodeling
- Integrative vascular research
- Metabolism and cardiovascular risk
- Cardiovascular diagnostic, signal, and imaging technologies
- Innovation and development in cardiovascular intervention

## t12 Neurosciences

- Neuroinflammation, neurodegeneration, epilepsy and neurooncology
- Cerebrovascular diseases, neurocritical care and rehabilitation
- Pain, neurology and spine
- Psychiatry, Psychology and Mental Health
- Pre-clinical and translational neuroscience

## t13 Hormones, Infection, Inflammation & Metabolism

- Hormones & Metabolism (infertility, thyroid disease, hypophyseal diseases, hormonedependent cancers, EDCs)
- Metabonomics, Obesity & related syndromes
- Microbiology and infection
- Exposome-related inflammatory & atopic diseases (rhinitis, asthma, COPD)

## t14 Hospital Care & Clinical Outcomes

- Critical Care, Emergency, and Perioperative Medicine
- Digestive Health
- Lung Diseases
- Surgery
- Maternal and Child Health
- Personalized Medicine

## t15 Clinical Translation on Drug Targets and Innovative Biomedicines

- Cell signaling and new drug targets
- Mechanosensing, cellular interactions and regenerative therapies

- Pharmaceutical and biotechnological drug innovation

- Translation research, drug safety and clinical pharmacology

## t16 Digital Transformation, Artificial Intelligence, Data and Decision Sciences in Health

- Data science and artificial intelligence in health
- Digital Health

- Entrepreneurship for innovative health solutions
- Evidence and decision sciences in health

## t17 Community Care & Prevention

- Nutrition & Metabolism
- Healthy Ageing
- Environment & Healthy lifestyles

- Preventive Care
- Family Health

- Self-care & Adaptation to illness
- Bioethics