## FOREWORD AND CNIC MISSION

Valentín Fuster, General Director
Vicente Andrés, Basic Research Director
Borja Ibáñez, Clinical Research Director

The CNIC's mission is to discover the causes of cardiovascular disease (CVD), translate basic research discoveries into clinical practice, promote health in society, and foster training and mentoring of up-and-coming scientists and physicians. In 2019, 415 researchers and technicians carried out their scientific activity at the CNIC. These scientists are members of 31 Research Groups and 11 Technical Units distributed across three multidisciplinary Research Areas: Vascular Physiopathology, Myocardial Physiopathology, and Cell Developmental Biology. These areas constitute and connect the CNIC's two research departments: Basic Research and Clinical Research.

Over its relatively short existence, the CNIC has built an unrivalled infrastructure and a powerful, cross-disciplinary research base that embraces many disciplines and includes population and patient studies. A key factor in this achievement is the commitment of the Spanish government to building a flagship research institute to tackle the CVD epidemic. Most importantly, the CNIC is supported through an innovative public—private initiative financed by the Carlos III Institute of Health and the Pro CNIC Foundation. The CNIC also benefits from the external support and advice of its recently renewed Scientific Advisory Board, composed of leading international experts who provide guidance on strategy and recruitment and regularly evaluate the performance of the Center and its group leaders. In 2019, Rodrigo Fernández and Maria A. Moro joined the Center as Assistant Health Scientist and Full Professor, respectively.

At the heart of the CNIC's mission is a shift from the traditional emphasis on treating clinical events to a strategy focused on identifying CVD in its preclinical stages and promoting health. This vision fosters a cohesive and flexible strategy that embraces research infrastructure, professional training, and a clear focus on cross-disciplinary collaborations between basic and clinical researchers to ensure that acquired knowledge is translated into real health benefits.

In 2019, the CNIC was the top ranked European cardiovascular research center according to the Scimago institutions ranking, and the second ranking center worldwide, just behind the US National Heart, Lung and Blood Institute (NIH). Likewise, the CNIC was identified as one of four European Union centers of excellence in cardiovascular biomedical research by the European Research Area Network on Cardiovascular Diseases in its 2019 Strategic Research Agenda for Cardiovascular Diseases (SRA-CVD): Challenges and Opportunities for Cardiovascular Disease Research, which analyzes the current status of research in this area.

This CNIC Scientific Report offers an overview of how our young, energetic team of dedicated scientists, clinicians, and technicians is bringing our mission to reality. Reading these pages, what gives us the greatest pleasure is to see how the breadth of the CNIC's research activity integrates the Center into society at so many levels.

