

Alex Pinto – short bio

**Short biography:**

Alexander Pinto is the head of the Cardiac Cellular Systems Laboratory based at the Baker Heart and Diabetes Institute, Melbourne, Australia. Previously, he held appointments at the European Molecular Biology Laboratory (EMBL; Rome, Italy), Australian Regenerative Medicine Institute (ARMI; Melbourne, Australia) and the Jackson Laboratory (Maine, USA).

Alexander Pinto's research aims to understand how the network of cells that form the heart contribute to the development of heart failure, and how extra-cardiac tissues and factors in the blood regulate this network. A major area of focus for his laboratory is to understand how hypertension, obesity and diabetes alter the heart, and whether these alterations are reversible. To achieve his research goals, his lab uses cutting-edge computational biology, single-cell omics, 3D imaging, and mouse genetic technologies.