Sveva Bollini

Prof. Sveva Bollini graduated Summa Cum Laude from the University of Padova, Italy, in Medical Biotechnology in 2005 under the supervision of Dr. Paolo De Coppi and obtained her PhD from the same University in 2009. From 2009 until 2013 she worked on the reactivation of epicardial stromal cells as endogenous mechanisms of cardiac regeneration in the team of Prof. Paul Riley as Post-Doctoral Research Associate first in the Molecular Medicine Unit, at the Institute of Child Health –University College of London and then in the Department of Physiology, Anatomy and Genetics of the University of Oxford, UK. In 2014 she was presented with the "Rita Levi Montalcini" Young Investigator Award from the Italian Ministry of Research and Education (MIUR), a national programme to attract back to Italy young researchers working abroad and allow them to start their independent career. Prof. Bollini was invited back to Italy to study the cardioactive paracrine potential of the human amniotic fluid stem cell secretome to enhance cardiac repair.

Currently she serves as Associate Professor in Experimental Biology in the Department of Experimental Medicine, University of Genova in Genova, Italy. Her research mainly focuses on the functional characterization and engineering of human fetal and perinatal amniotic fluid stem cell extra cellular vesicles to enhance endogenous mechanisms of cardio protection following is chemic and cardiotoxic injury and to rejuvenate myocardial renewal.

She has published more than 60 papers (H-index: 30, total citations: 4896 as from Scopus) and has received national and international fundings, including a 2023 ERA4Health CARDINNOV-funded project as Coordinator and a HORIZON-MSCA-2023- Doctoral Network as Beneficiary.

Since 2018, Prof. Bollini has been a Board Member of the International Placenta Stem Cell Society(IPLASS). In 2019 she was invited to join the Cardiovascular Sub-Committee of the International Society for Cell & Gene Therapy (ISCT) and was elected in the European Society of Cardiology (ESC)Scientists of Tomorrow Nucleus. She is also serving as Nucleus Member of the ESC Working Group of Cardiovascular Regenerative and Reparative Medicine from 2024 and as Member of the Council of the International Society for Heart Research from 2025.