



LECTURE

MicroRNAs and secreted factors for cardiac regeneration.

Dr. MAURO GIACCA

He received his Degree in Medicine from the University of Trieste, Italy in 1984 and his PhD in Microbiology and Virology from the University of Genoa, Italy in 1989.

Since 2014, Director-General of the International Centre for Genetic Engineering and Biotechnology (ICGEB), an international organization in the UN system for advanced research and education with seats in Trieste, Italy, New Delhi, India and Cape Town, South Africa (www.icgeb.org). From 2004 to 2014, Director of the Italian Component of the ICGEB. Since 2005, Full Professor of Molecular Biology at the Department of Medicine of the University of Trieste. From 2000 to 2005, Associate Professor of Molecular Biology and Founding Director of the Molecular Biology Laboratory of the Scuola Normale Superiore in Pisa, Italy.

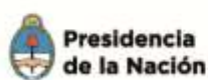
He has served on the Boards of various scientific organizations in Italy and abroad. Since 2012, he is an Expert Member in the National Committee for Biotechnology, Biosafety and Life Sciences (CNBBSV), an advisory body to the President of the Council of Ministers of the Government of Italy.

His current research interest focuses on the development of novel biotherapeutics for cardiovascular disorders, with particular reference to the identification of growth factors and microRNAs inducing cardiac regeneration after myocardial infarction. He is an expert in the use of adeno-associated virus (AAV) vectors for cardiovascular applications. He also maintains a strong interest in the molecular biology of HIV-1 infection.

His research activity is funded internationally through grants from various public and private bodies, including a European Research Council (ERC) Advanced Investigator Grant. He has published over 270 papers in peer-reviewed, international journals, in addition to several reviews or chapters in published books and university textbooks. He regularly contributes articles to national newspapers and popular science magazines.

Further information: <http://www.icgeb.org/mauro-giacca.html>

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