



Simposio Internacional: Hipoacusias hereditarias: del diagnóstico a la terapia

International Symposium: Hereditary Hearing Impairment: from diagnosis to therapy

Madrid, 5 y 6 de marzo de 2015

Madrid, March 5-6, 2015

Marcelo Rivolta

Qualified in Medicine and Surgery in Argentina and did his fellowship and doctoral work at the NIDCD, NIH in the USA. He has held postdoctoral positions at the NIH and at the Universities of Bristol and Sheffield in the UK. He is now Professor of Sensory Stem Cell Biology at the University of Sheffield.

In the late nineties did seminal work immortalizing auditory progenitor cells from the mouse cochlea. During the past decade, has focussed into developing a stem cell therapy for deafness. His laboratory isolated a population of stem cells from the human foetal cochlea and has pioneered robust methods for the generation of otic progenitors from human pluripotent stem cells. He established the proof of concept that otic progenitors derived from hESCs can be used to functionally repair the damaged cochlea. His program of research has been supported by the MRC, the EU, charities like Action on Hearing Loss and industrial collaborations.