Associate Professor Zheng-Yi Chen's research is focused on the development of new treatments for human deafness. He obtained his BSc from Sichuan University in China and his DPhil. in human genetics from Oxford University, UK. He did his post-doctoral fellowship at the Massachusetts General Hospital/Harvard Medical School. His research group is located in the Department of Otolaryngology, Harvard Medical School and Massachusetts Eye & ear Infirmary.

The work of his laboratory includes inner ear regeneration in mature mammalian inner ear, viral-based and CRISPR genome editing - based gene therapy to treat diverse forms of hearing loss, including genetic hearing loss, age-related and environmental-related hearing loss. His laboratory has been involved in identification and characterization of several genetic deafness genes and in creation of large animal pig models for human genetic hearing loss. One of the main focuses of his laboratory is to develop novel delivery vehicles for gene editing in the inner ear for therapeutic application in human patients.

Tuesday 2nd July, 2019
Wallace Wurth, LG02
4-5pm