A 3 years PhD position will be opened in our team. We are looking for highly motivated students who will work on the identification of the molecular pathway underlying the cochlear neuro-epithelium senescence and the development of the pharmacological or genetic therapies to prevent the hearing loss at elderly. The multi-disciplinary approaches in combination of molecular, cellular biology together with electrophysiology will be used in this project. The candidate should have a background in cellular and molecular biology and pharmacology.

Pr. Jean-Luc Puel's team competences cover expertise in molecular and cellular biology, electrophysiology, computational neurosciences pre-clinical and clinical researches.

Please send a CV and brief statement of research experience to:

Jing Wang (jing.wang@inserm.fr) as soon as possible.

Selection of main publications in the field:

Menardo et al., **Antioxid Redox Signal.**, 18, 2012
Sarzi et al., **Brain**, 3599-3613, 2012
Fasquelle et al., **J Biol Chem**., 286:17383-17397, 2011
Ruel et al., **Am J Hum Genet.**, 83:278-292 , 2008
Wang et al., **Mol Pharmacol.**, 71:654-666, 2007
Ladrech et al., **Eur J Neurosci.**, 26:2922-2930, 2007
Wang et al., **Neuropharmacology.**, 52:1426-1437, 2007