



Chrysovalantou Faniku

Postdoctoral Research Fellow, Otolaryngology - Head & Neck Surgery

Bio

BIO

Dr. Chrysovalantou Faniku performed her undergraduate studies at the University of Bedfordshire in England (UK) from 2008-2012, majoring in Biomedical Sciences. She continued her Master degree in Reproductive and Developmental Biology at St George's Medical School in London from 2012-2013. Her research focused on post-ovulatory wound repair and scarring. Dr. Faniku worked as a research assistant at King's College London prior to pursuing a Ph.D. in Glasgow in 2014. She completed her Ph.D. in Molecular Biology in 2018. Her research focused on Cx43 and Panx1, how these are impacted by diabetes and ischemia and how they could be potential therapeutic targets for wound healing of diabetic ulcers. In 2018, Dr. Faniku started her first postdoctoral fellowship in the Department of Otolaryngology working in the lab of Dr. Jon-Paul Pepper. Her project investigates the role of the hedgehog pathway in facial nerve regeneration after injury.

HONORS AND AWARDS

- Gold Sponsorship award 2015, Primerdesign UK (14th February 2015)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Unlisted School (2019)
- Master of Science, Unlisted School (2013)
- Bachelor of Science, Unlisted School (2012)

Publications

PUBLICATIONS

- **The Connexin Mimetic Peptide Gap27 and Cx43-Knockdown Reveal Differential Roles for Connexin43 in Wound Closure Events in Skin Model Systems** *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*
Faniku, C., O'Shaughnessy, E., Lorraine, C., Johnstone, S. R., Graham, A., Greenhough, S., Martin, P. M.
2018; 19 (2)
- **Report on the 1st European Tissue Repair Society summer school, London, June 29 to July 1, 2016** *WOUND REPAIR AND REGENERATION*
Faniku, C., Castellano-Pellicena, I., Hoppenbrouwers, T., Korkmaz, H.
2017; 25 (3): 550-51
- **Connexins and pannexins in the integumentary system: the skin and appendages** *CELLULAR AND MOLECULAR LIFE SCIENCES*
Faniku, C., Wright, C. S., Martin, P. E.
2015; 72 (15): 2937-47