

The Biochemical Society

Presents

Dr Patrick Harrison



Research Summary

- Senior lecturer at University College Cork
- Research focuses on the development of gene editing to study and potentially treat genetic disorders such as cystic fibrosis, cystinosis and atopic dermatitis

Recent Publications

- A beginner's guide to gene editing. *Experimental Physiology*, 2018
- Gene editing & stem cells. *Journal of Cystic Fibrosis*, 2018
- Genetic therapies for cystic fibrosis lung disease. *Current Opinion in Pharmacology*, 2017
- Cas9/gRNA targeted excision of cystic fibrosis-causing deep-intronic splicing mutations restores normal splicing of CFTR mRNA. *PLoS One*, 2017
- Analysis of gene repair tracts from Cas9/gRNA double-stranded breaks in the human CFTR gene. *Scientific Reports*, 2016