



Applications are invited for an **European Research Council funded Post-doctoral Research Fellow** post in the laboratory of **Dr Francesco Saverio Tedesco** (www.tedescolab.org) at **University College London (UCL)** and at the **Francis Crick Institute**, London (UK).

The candidate will join a dynamic team working on translational research projects focusing on **neuromuscular disease modelling, tissue engineering** and development of new **experimental therapies** for muscle diseases. The post-holder will be expected to produce independent, original contributions to the aforementioned subject areas, supervise junior lab members and help with lab management. Candidates are expected to have track-record and expertise in at least one of these areas: human stem cell biology/cultures (ideally muscle and/or pluripotent stem cells), gene and cell therapy, disease modelling, tissue engineering or mechanobiology.

Candidates must be very motivated and key requirements include a PhD in a relevant area (e.g. cell and developmental biology, stem cells and regenerative medicine, gene and cell therapy, mechanobiology, tissue engineering), proven knowledge of research techniques and methodologies relevant to develop disease modelling, gene/cell therapy and/or bioengineering projects and/or experience in stem cell biology, mechanobiology, imaging, or gene therapy/editing. Experience with laboratory animals would be desirable. The post is initially available for 2 years, with possibility of extension; during this time the post-holder will be actively encouraged and supported to apply to post-doctoral fellowships. Starting annual salary (inclusive of London allowance) will be in the range of £31,479 - £33,194.

The laboratories are located in the heart of central London (UCL Bloomsbury Campus and King's Cross-St. Pancras area), with ideal transportation links. UCL is consistently ranked among the world's top universities and the Francis Crick Institute is Europe's largest research building, with state-of-the-art facilities and an incredibly vibrant research environment. For an informal discussion about this post, please contact Dr F. S. Tedesco (f.s.tedesco@ucl.ac.uk).

Closing date for applications: 2nd April 2020

Application form, job description and additional information (Ref:1860812):

https://atsv7.wcn.co.uk/search_engine/jobs.cgi?amNvZGU9MTg2MDgxMiZ2dF90ZW1wbGF0ZT05NjUmb3duZXI9NTA0MTE3OCZvd25lcnR5cGU9ZmFpciZicmFuZF9pZD0wJmpvYl9yZWZyY29kZT0xODYwODEyJnBvc3RpbmdfY29kZT0yMjQ&icode=1860812&vt_template=965&owner=5041178&ownertype=fair&brand_id=0&job_ref_code=1860812&posting_code=224

Other relevant links and references:

- www.tedescolab.org
- www.crick.ac.uk
- <https://www.ucl.ac.uk/biosciences/departments/cell-and-developmental-biology>
- Gerli MFM, Moyle LA et al., *Stem Cell Reports*, 2019 Mar 5;12(3):461-473.
- Maffioletti SM, Sarcar S et al., *Cell Reports* 2018 Apr 17;23(3):899-908.
- Benedetti S et al., *EMBO Molecular Medicine*, 2017 Dec 14. doi: 10.15252/emmm.201607284.
- Maffioletti SM, Gerli MFM et al., *Nature Protocols*, 2015 Jun 4; 10, 941–958