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Postdoctoral position available at the Department of Molecular Medicine and Medical Biotechnologies, University of Naples "Federico II"

Job description

Integrated approaches for the identification of novel intracellular networks regulating mammalian autophagy in health and disease

We are seeking a highly motivated research scientist with previous training in cell biology and/or biochemistry for a postdoctoral position (24 months; gross salary: 27,000€/year). The successful candidate will be enrolled on a funded research project aimed at identifying novel genes and signalling pathways regulating mammalian autophagy. More specifically, the project will require the use of up-to-date molecular and cellular biology techniques deployed to analyse the autophagic and lysosomal degradation pathways, such as confocal and live cell imaging, gene expression analyses, siRNA, shRNA and CRISPR/CAS9-based molecular manipulations of target gene expression, functional analyses in cell lines, patients-derived primary cells and ultimately in animal disease models.

Desired skills and experience

The successful candidate should have a PhD with a solid background in molecular biology, cell biology and/or biochemistry. Research experience in molecular biology (including molecular cloning, DNA, RNA and protein manipulations) as well as an extensive experience in cell biology and cell imaging techniques are required. Additional experience in isolation and culture of primary cells, mass spectrometry and bioinformatic analyses would be considered advantageous.

Any suitable candidate should apply through the University of Naples "Federico II" website:

<http://www.unina.it/ricerca/bandi-nazionali/assegna-di-ricerca>

<http://www.unina.it/ateneo/albo-ufficiale>

Job Reference Number: N.R.7351/2019

Interested applicants should submit a letter of application, CV and references (or informal enquiries) to:

Maurizio Renna, PhD (maurizio.renna@unina.it)