

Postdoctoral Research Associate positions available

Research Associate (x2)

Imperial College London - Department of Metabolism, Digestion and Reproduction

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|----------------|------------------------------|------------|--------------------|
| Location: | London | Placed On: | 22nd February 2023 |
| Salary: | £43,093 to £50,834 per annum | Closes: | 23rd March 2023 |
| Hours: | Full Time | Job Ref: | MED03690 |
| Contract Type: | Fixed-Term/Contract | | |

We are looking for **two highly motivated and driven postdoctoral researchers** with a strong background in **molecular/cellular biology** to join the research group led by **Dr Aida Martinez-Sanchez at Imperial College London**. We focus on understanding the role that microRNAs and their gene targets play in controlling β -cell function and in finding new ways to target these pathways to improve diabetes treatment. Our laboratory is committed to mentoring scientists and nurturing creative thinking and scientific independence

Post 1: Full time, fixed contract up to 36 months, starting on the 1st of June 2023 (date negotiable). Funded by the Medical Research Council (MRC) to investigate the mechanism of action of miR-125b in β -cells and its targeting potential in diabetes.

Post 2: Full time, fixed contract up to 39 months, starting May-October 2023 (date negotiable). Funded by the Diabetes UK to investigate the role of cation-dependent mannose-6-phosphate receptor (M6PR) in β -cells and its potential as therapeutic target for the treatment of diabetes.

A PhD in cellular and molecular biology or a closely related discipline and **practical experience** within a research environment are essential.

Some of the following are highly desirable: Cell culture and molecular, cellular and biochemical approaches; Lysosomal and/or mitochondria biology; β -cell, miRNA and RNA biology; Study of glucose homeostasis in mice; Microscopy and use of imaging software; Excellent written and verbal communication skills; Willingness to work as part of a team and to contribute to the supervision of other researchers.

Further Information

For further details and To apply, visit www.imperial.ac.uk/jobs and search by the job reference **MED03690**.

For informal enquiries, please contact Dr Aida Martinez-Sanchez (a.martinez-sanchez@imperial.ac.uk)

<https://www.imperial.ac.uk/jobs/description/MED03690/research-associate-x2/>

<https://www.nature.com/naturecareers/job/12795746/research-associate-x2-/>

<https://www.imperial.ac.uk/people/a.martinez-sanchez/research.html>