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UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

## 18 MONTHS POSTDOCTORAL FELLOWSHIP

A 18 months postdoctoral fellowship is available from April 1<sup>st</sup> 2024 in the laboratory of “Signaling pathways that control protein homeostasis in muscles” directed by Prof. Marco Sandri at the Department of Biomedical Sciences, University of Padova, Italy.

The project will focus on developing RNA-based therapies *in vivo* for modulating signaling pathways involved in protein degradation, bioenergetics/mitochondria and protein synthesis.

We are looking for a highly motivated candidate with proven experience in:

- *in vivo* mouse models of muscle wasting
- skills in molecular biology (cloning) and biochemical techniques
- morphometry, histology and immunofluorescence techniques on tissue sections
- skills in *in vivo* gene delivery with viral vectors (better with AAV virus)
- experience in single nucleus RNA and ATAC sequencing and bioinformatic analysis of the data.
- experience in Chromatin Immunoprecipitation

Applications - including CV and reference contacts - can be sent to Prof. Marco Sandri ([marco.sandri@unipd.it](mailto:marco.sandri@unipd.it)) and Asst. Prof. Roberta Sartori ([roberta.sartori@unipd.it](mailto:roberta.sartori@unipd.it)).