

The Department of Molecular and Developmental Medicine at the University of Siena, Italy, invites applications for a **three-year postdoctoral position** (assegnò di ricerca), starting early 2023, in the area of molecular biology to study the molecular mechanisms at the base of inherited diseases and regulation of glucose metabolism in skeletal muscle.

Potential projects include:

- 1) the Identification of the molecular mechanisms underlying the development of human myopathies, with particular attention to those caused by mutations in the RYR1 gene.
- 2) the role of chromosome conformation in the regulation at the transcriptional level of glucose metabolism in skeletal muscle.

Candidates are expected to have a strong research experience in cellular and molecular biology.

Activities in our lab include cellular and molecular biology techniques, analysis of gene expression, protein-protein interaction, confocal microscopy and image analysis, genetically modified mouse models.

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