



UNIVERSITÀ  
DI TRENTO



Dipartimento di  
Biologia Cellulare, Computazionale e Integrata

## PhD position in cellular agriculture at the University of Trento

### *The project*

We offer a 3-year, fully funded PhD position focusing on optimizing cell lines suitable for cell-based in vitro meat production. The successful candidate will isolate myogenic chicken cells from different sources and characterize their proliferative and differentiation ability to obtain effective and scalable strategies for cultured meat production. The project will be a collaboration between the Laboratory of Stem Cell Biology (<https://www.cibio.unitn.it/224/laboratory-of-stem-cell-biology>) and the Laboratory of Stem Cells and Regenerative Medicine (<https://www.cibio.unitn.it/220/dulbecco-telethon-laboratory-of-stem-cells-and-regenerative-medicine>), which have extensive experience on the characterization of stem cell dynamics and differentiation capabilities. The project will involve periods in a collaborating foreign laboratory and a partner company.

### *Department Overview*

The Department of Computational and Integrative Biology (CIBIO), founded in 2007, is a cutting-edge and top-ranked academic biomedicine institute within the University of Trento in Northern Italy, organized as a hybrid research center/university department. CIBIO has recently grown to 46 Research Laboratories headed by successful, independent, and international Principal Investigators and supported by a high level of research services through Core Facilities operated by highly skilled staff scientists.

### *Qualifications/Requirements*

We are seeking enthusiastic candidates who have a keen interest in stem cell biology and the alternative protein field. Applicants should hold a degree in life science, and previous experience with cell culture, molecular biology/microscopy is highly desirable. Knowledge of qPCR, Western blotting, and flow cytometry is preferred but optional.

### *Applications*

Interested candidates should submit their application by July 25th 2023 where “Participation to NRRP selection DM 117” is indicated at the following web site: <https://webapps.unitn.it/Apply/en/Web/Home/dott>.

Details on the application requirements, package and project are available at: <https://www.unitn.it/ateneo/110100/pnrr-dm117-2023>.

Interested candidates are highly encouraged to send their informal inquiries to [luciano.conti@unitn.it](mailto:luciano.conti@unitn.it) (Prof. Luciano Conti) and [stefano.biressi@unitn.it](mailto:stefano.biressi@unitn.it) (Prof. Stefano Biressi).