This PhD programme offers a strong **interdisciplinary training** through research projects in the area of *omics* biology. We use a combined **computational** and **experimental** approach supported by **theoretical modeling**, rooted in **theoretical physics**, **engineering** and **mathematics**. The full integration between **biomedicine** and **exact sciences** is the ground of contemporary approaches to **complex biological systems**.

**Applications:** This PhD programme is open to students with Master Degree in **Medicine**, **Biology**, **Biotechnology**, **Physics**, **Mathematics**, **Engineering** and **Computer Sciences**. Prospective students are expected to have **excellent grades**, **broad scientific interests** and a strong commitment to **interdisciplinary research**. Research projects include **Genomics**, **Transcriptomics**, **Epigenomics**, **molecular regulatory networks** and **mathematical modeling** applied to basic cell biology problems, as well as to human disease including **cancer**.

Students may send a pre-application (including CV plus statement of interests) by emailing to:
- alessandra.fiorio@unito.it (bio-medical background);
- michele.caselle@unito.it (background exact sciences);
- enzo.medico@unito.it (biomedical as well as exact sciences background)

The call for application will be published in May 2021.

Please visit:
**PhD programme website - University of Turin website**
Twitter: @CSQB_unito

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**External Members:** Ghislain Bidaut (Marseille, FR); Piero Carninci (Yokohama, JP); Giovanna Chiorino (Biella, IT); Luciano Di Croce (Barcelona, SP); Danny Incarnato (Groningen, NL); Giorgio Inghirami (New York, US); Anders Krogh (Copenhagen, DK); Sara Madeira (Lisbon, PT); Duccio Medini (Siena, IT); Yamir Moreno Vega (Zaragoza, SP); Mattia Pelizzola (Milan, IT); Andrea Sottoriva (London, UK); Denis Thieffy (Paris, FR); Massimo Vergassola (Paris, FR); Sara Rossana Zanivan (Glasgow, UK), Mihaela Zavolan (Basel, SW).