

If Fluid Dynamics Turns to Biology

An Intensive Programme funded by the European Commission under the Erasmus Programme addressed both to MSc and Phd students

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With a very suggestive image it has been said: *“Mathematics is the lens through which to view the universe”*. This IP has the aim to contribute further and to justify in a deeper sense that statement. In the common view of the sciences, physics and chemistry are thought to be heavily dependent on mathematics, while biology is often seen as a science which only in a minor way leans on quantitative methods. In contemporary biology there are many areas which depend heavily on rather advanced mathematics and in particular on fluid dynamics. The development of mathematical methodologies is now considered a major issue in the biological sciences. The Intensive Programme (IP) **Fluid2Bio** aims to address those issues and to provide the proper background to PhD and MSc students in order to deal with those problems and situations.

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