



Monday, 24th July 2023

09.30 - Room C. Voci

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Optical tweezers in biophysics: from polymer models to drug development

Biophysics is a scientific discipline that uses the tools and methods of physics to study biological systems. Due to its accuracy in performing single-molecule force-spectroscopy experiments, Optical Tweezers provide an excellent tool for such an interdisciplinary field. In this talk, I will show a couple of applications of Optical Tweezers experiments. On the one hand, I will present an example of how this technique can be useful in drug development. On the other hand, I will show how Optical Tweezers can provide a testing platform for polymer models.

