

# Course Project

## Elements of Biophysics

**Emidio Capriotti**

<http://biofold.org/>



**Biomolecules  
Folding and  
Disease**

Department of Pharmacy and  
Biotechnology (FaBiT)  
University of Bologna



# Course Project

- Identify a **protein of interest with known three-dimensional structure and function**. Using the results of previous works, **analyze the structure** of the selected protein **in the context of its function**.
- Before send me a short description of your project through the following [google form](#) by **October 27<sup>th</sup>**.
- The presentation the project paper is not sufficient condition to pass the exam. **Questions related to the project and the topics of the course will be asked during the exam**.
- Submit the paper through the previous form which can be edited. In case you need to modify the uploaded PDF a new submission is needed.  
**Deadline October 31<sup>st</sup>**.

# Project Report

- **Abstract (summary of the study)**

Short paragraph (100-200 words) summarizing the background and the results of your study

- **Introduction**

Brief description of the problem and the previous knowledge in the field.

- **Materials and Methods**

What are the techniques and methods used in your study. **It must contain all the information necessary to integrally reproduce the work.**

- **Results**

The section must present the results of your work. This section can include figures and tables.

- **Conclusions**

The section present concisely the achievements of the presented work.

- **References**

See the template for the appropriate format

# Possible tools

The project can be developed using any tool, but it is suggest to become familiar with basic tools that are nowadays the standards for the scientific production.

- **Project writing**

Based on your preference online tools like [Google Docs](#) or [overleaf](#).

- **Bibliography**

To collect and manage the bibliography of your report I suggest to use [zotero](#) which can be integrated with google doc

- **GitHub**

To keep track of all the steps of your work and the results obtained in your study you can use [GitHub](#) a free platform for distributed version control.

# Course Evaluation

It is important to improve the quality of the course. Please provide suggestions.

- Is the **preliminary knowledge** suitable for the topics of the course?
- Is the teaching load proportional to the credits of the course?
- Is the **teaching material** available and suitable for the course?
- Is the examination process clearly defined?
- Are the schedules of the lectures and other teaching activities respected?
- Is the teacher motivating and stimulating the students?
- Does the teacher present the **topics clearly**?
- Are the supplementary activities (exercises, tutoring, laboratories, etc.) useful?
- Are the topics of the course consistent with the program available on the web?
- Is the **teacher available** for clarifications and explanations?
- Are you interested in the topics covered during the course?
- **Overall are you satisfied** of the development of the course?
- Were all the lectures given by the teacher?
- Are the classrooms suitable for the course?
- Are the virtual classrooms suitable for the course?
- Is the **timetable of the course compatible** with the studying activities?
- Are the equipment and the lab suitable for the course?
- Does the teacher provide appropriate information to complete this evaluation form?