**QUESTIONNAIRE TO BE FILLED OUT FOR EACH PROTEIN TO BE BROUGHT BY PARTICIPANTS OF THE ISBio 2023 COURSE**

| **Data of the participant** | |
|---|---|
| Participant name: | |
| Institution: | |
| Address: | |
| Phone: | |
| Fax: | |
| Email: | |

| **Data of the proposed macromolecule** | |
|---|---|
| Name of the macromolecule | |
| Source: | |
| Biological function | |
| Molecular weight | |
| Status of oligomerization | |
| Iso-electric point | |
| Thermal stability | |
| Influence of ageing on the stability of the solution. | |
| **Sample data** | |
| Protein buffer: | |
| Protein concentration: | |
| Storage conditions: | |
| Additives: | |
| Notes: | |

**Please, select below the preferred methodologies:**

| **Methodologies** | |
|---|---|
| NMR *<br>(0,5mL of protein sample with a concentration of 10-20µM and 0,5mL of its ligand with a concentration of aprox. 5mM (in DMSO or buffer) are needed to perform ligand-based interaction studies) | |
| Protein Crystallization **<br>(0,5 to 2mg of protein needed for performing a crystallization screening) | |
| X-ray diffraction **<br>(protein single crystals) | |
| ITC ***<br>(2,5mL of protein sample with a concentration of 10-50µM and 0,8mL of its ligand with a concentration of 0,1-0,5mM are needed to perform one titration) | |
| CryoEM **** | |

**Useful information to attach:**

SDS-PAGE, Native or IEF gel of the protein sample, ELISA and other analysis relevant to the study of the interaction

**To send samples by mail, please use the following address[$]:**

Cristalografia de Raios-X (lab. 6.05 / 6.07)
Departamento de Quimica
Faculdade de Ciências e Tecnologia Universidade Nova de Lisboa
2829-516 Caparica, Portugal

## VERY IMPORTANT: Before deciding to ship any samples, please:

* contact Eurico Cabrita (ejc@fct.unl.pt)

** contact Márcia Correia (marcia.correia@fct.unl.pt) and provide information on harvesting and cryo-conditions (or bring pre-prepared solutions) and/or any previous information regarding crystal characterization

*** contact Benedita Pinheiro (b.pinheiro@fct.unl.pt)

**** contact Hartmut Luecke (hudel@fct.unl.pt)

$ inform each responsible of shipping (including tracking number) and if you have any questions