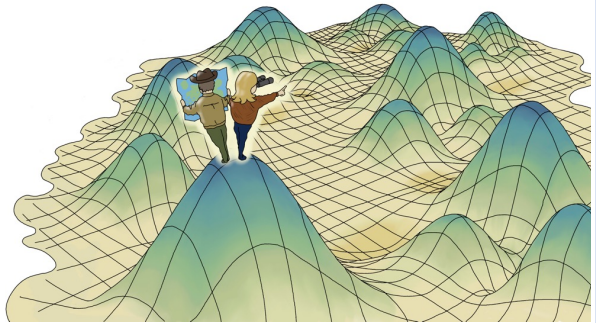
Join us for a PhD or Master's thesis project in the **Molecular Sensing Group** @ CRG Barcelona

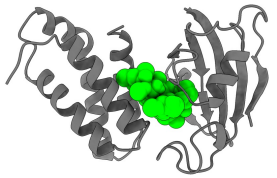


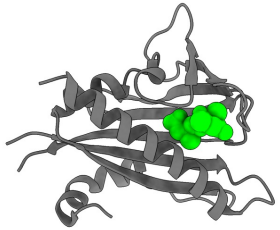
Our research themes

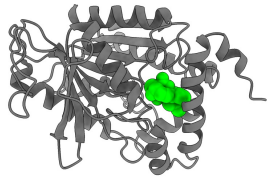
Protein-small molecule interactions
Deep mutational scanning workflows
Protein structure evolution & biophysics
Environmental protein mining from eDNA
Synthetic biology & biosensing applications

Setting:

- Where? Centre for Genomic Regulation (CRG), Somorrostro Beach, Barcelona
- With whom? Dr. Maximilian Stammnitz, incoming PI @ CRG & AR+I (Andorra)
- When? From September or October 2027
- PhD: 4 years | MSc thesis projects: 6-12 months







Who we are looking for:

- Candidates with a genuine interest to tackle major open research questions on proteins
- Students with a background in genomics, microbiology, chemical or synthetic biology. Hybrid wet-dry lab. Our work revolves around the generation of large-scale NGS data.
- Collaborative team members who are keen to work within a small, international group

Contact:

- For any enquiries, please get in touch directly: maximilian.stammnitz@crg.eu
- Candidates should send a short CV, transcript and 1-page motivation letter
- Official deadline for CRG's international PhD call: November 22nd, 2026

Key literature references:

- M.R. Stammnitz & B. Lehner, The genetic architecture of an allosteric hormone receptor. *Nature Communications* 2026
- J. Beltrán *et al.*, Rapid biosensor development using plant hormone receptors as reprogrammable scaffolds. *Nature Biotechnology* 2022
- B.Z. Stanton, E.J. Chory & G.R. Crabtree, Chemically induced proximity in biology and medicine. *Science* 2018