



3-year PhD in Chemical Biology



YOU

- **Master in Chemistry** with strong **organic chemistry** background
- Expertise in **photoactive molecules** (fluorophores, photosensitisers, caged ones, etc)
- Interest in **biological techniques** (Peptide synthesis cell-based assays not required but desirable)
- **Independent thinking**
- Ability to **plan** & conduct **multistep synthesis**
- **Motivated & passionate**
- **Team player**

WE <http://olallalab.org>



- We are in the **Chemistry Department** at Marburg University (**Germany**)
- We participate in: **Max Planck Graduate School**
- **State-of-the-art** installations
- **Dynamic & international** environment
- **Individual** & personalize **supervision**
- **Mentoring** & training
- **Interdisciplinary** training
- **International** collaboration

Applications in English to Prof. Vázquez

- a project-specific motivation letter
- grade transcripts
- curriculum vitae
- two potential referees
- master & bachelor thesis and/or summary of techniques



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AVAILABLE PROJECTS

- $^1\text{O}_2$ generators
- Sensors bacteria activity & proteolysis
- Peptide-based projects
- Photoswitches
- Affinity probes