

Postdoctoral Research Opportunity in the Nau Research Group at Constructor University

Are you passionate about pushing the boundaries of physical-organic, supramolecular chemistry, and cell biology?

The Nau Research Group at Constructor University invites applications for a *Postdoctoral Researcher* to join our dynamic, international team. Our research is positioned at the exciting interface of physical-organic and supramolecular chemistry. We develop innovative supramolecular assemblies for applications in sensing, catalysis, and biological systems. Our projects span:

- Synthesis and optical-spectroscopic characterization of novel organic-inorganic hybrids.
- Fluorescent dyes, chemosensors, and assays.
- Exploring supramolecular interactions in aqueous environments.
- Applications in drug delivery and catalysis using host-guest complexes.
- Membrane transport studies using artificial vesicles and live cells.

Starting date: 1st April 2026

Candidate profile

We are looking for a talented and creative researcher with the following qualifications:

- PhD in Chemistry, Biochemistry, or related field.
- Strong publication record in peer-reviewed journals.
- Expertise in organic chemistry or biochemistry, or mass spectrometry.
- Proficient in NMR, HPLC, UV-vis, fluorescence spectroscopy.
- Familiarity with supramolecular chemistry.
- Hands-on experience with cellular assays would be advantageous.
- Proficiency in written and spoken English.
- Strong organizational, problem-solving, and teamworking abilities; experience supervising students is an asset.
- Interest to contribute to teaching.

How to apply

Submit a *single PDF* file (NameSurname.pdf) including:

- A motivation letter highlighting your interest and appropriateness for the position.
- Curriculum Vitae.
- Academic transcripts (BSc and MSc).
- Contact details of two academic referees.
- Brief summary of previous research.

Apply via our [online form](#). For any questions, please contact to abarbabon@constructor.university

Incomplete applications will not be considered. Selected candidates will be invited for online or in-person interviews. Applications will be reviewed on a rolling basis until the position is filled.

Join us to advance the frontiers of supramolecular chemistry in a collaborative and innovative environment!