



Vipavska cesta 13, 5000 Nova Gorica

**The University of Nova Gorica is offering the position of
POSTDOCTORAL RESEARCHER in the field of protein nanoparticles (m/f)**

[The Laboratory for Environmental and Life Sciences](#) invites applications from candidates interested in research in the field of protein nanoparticles to work on a Polish-Slovenian bilateral project entitled "The influence of nanoscale three-dimensional arrangement of proteins on their biological and therapeutic activity".

This position is available to candidates interested in pursuing a research and academic career at the [University of Nova Gorica](#). We offer the opportunity to work in a dynamic environment supported by state-of-the-art research equipment and a strong involvement in international research.

The chosen candidate will work towards developing protein/DNA nanoparticles in collaboration with the partner institute in Poland. We seek a researcher interested in this multidisciplinary project that will require competences in structural biology, biochemistry and molecular biology. This project offers the opportunity for both local travel to work in regional facilities and longer training periods abroad.

Candidates are expected to:

- have a PhD degree in the field of biochemistry, or structural, molecular or cellular biology;
- have expertise in protein production, biophysical characterization, protein functionalization, structural biology techniques (NMR, X-ray crystallography, EM and cryo-EM), fluorescence imaging/super-resolution microscopy, cell culture, microbiology and molecular biology techniques (demonstrated by original scientific articles in international journals);
- previous experience in phage/yeast display as well as in protein optimization by rational modelling would be highly appreciated;
- good command of the English language.

The selected candidate will also have responsibilities in teaching courses in the fields of biochemistry, molecular and cell biology and microbiology within study programs at the University of Nova Gorica.

Please submit:

- a CV, with certificates of academic degrees obtained;
- letter of motivation including a description of previous research experience;
- list of the candidate's scholarly and specialist publications.

The position will be available from **February 1, 2023**. The selected candidate will be appointed for **24 months**. Employment is offered as a full-time position.

Send your application, along with the required supporting material via e-mail to tea.stibilj.nemec@ung.si by 15. 01. 2023. **The application should be sent as a single pdf e-mail attachment.**

Inquiries regarding the application procedure should be directed to Tea Stibilj Nemec by email at tea.stibilj.nemec@ung.si or by phone at +386 5 6205 822.

For additional information regarding the research tasks, please contact prof. dr. Ario de Marco, ario.demarco@ung.si