

Global@Venice  
Post-doc Fellowship at Ca' Foscari University of Venice  
**Expression of Interest**

**1. Interested institution (legal person):**

Ca' Foscari University of Venice

**2. Department/Centre:**

The lab of Biomolecular engineering ([www.angelinilab.com](http://www.angelinilab.com)) is part of the European Center for Living Technology (ECLT) and the Department of Molecular Sciences and Nanosystems, two highly dynamic and stimulating multidisciplinary research environments.

**3. Position, scientific requirements, topic, scientific panel:**

**Position:**

Post-doc Position

**Scientific requirements:**

PhD in Bioengineering, Biochemistry or Chemical Biology

We are looking for a postdoctoral fellow to join an international collaboration project that is aimed at developing a novel therapeutic molecules and approaches. The fellow should have strong experience directed evolution of biomacromolecules. Experience in production, purification and characterization of recombinant proteins and/or peptides will be an advantage. The fellow should have leadership and teamworking abilities, and experience in conducting independent scientific research.

**Topic(s):**

We are interested in proposals in one of the following Scientific Panels covering the following topics:

- 1) **Development of miniaturized antibodies for therapeutic applications**
- 2) **Development of protein-based systems for drug delivery**

We offer the opportunity to conduct innovative research using a multidisciplinary approach which combines chemical, molecular and structural biology. Our research also benefits of a network of international collaborators located in leading institution in Italy, Europe and US.

**Keywords:**

- a) Directed evolution of biomacromolecules
- b) Peptide and protein engineering
- c) Phage and yeast display technology
- d) Bioconjugation
- e) Biotherapeutics
- f) Drug delivery

**Scientific Panel:**

- PE - Physical Sciences and Engineering
- LS - Life Sciences**
- SH - Social Sciences and Humanities

**4. Contact person:**

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