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### **[bySIBPA] Special Issue del XXV Congresso della SIBPA**

Care/i Partecipanti al XXV Congresso della SIBPA,

Abbiamo esteso al 30 novembre la scadenza per sottomettere un'espressione d'interesse attraverso una e-mail contenente autori, titolo anche provvisorio e corresponding author ad Alberto Diaspro e a Cristiano Viappiani.

I proceedings saranno pubblicati su Biomolecular Concepts (De Gruyter), a cura del suo Editor-in-chief, Enrico Di Cera. L'invio dei lavori a Biomolecular Concepts avviene attraverso il sito ufficiale del giornale (<https://www.degruyter.com/journal/key/bmc/html>), che inoltrerà i lavori ai reviewers seguendo la regolare procedura di peer-reviewing.

La scadenza per la sottomissione dei manoscritti è prevista per il 31 gennaio 2022.

Ricordiamo che per i soci SIBPA regolarmente iscritti la pubblicazione su Biomolecular Concepts è gratuita fino al termine del 2022.

Grazie a tutti,

Alberto Diaspro

Presidente SIBPA



### [bySIBPA] XXVI School of Pure and Applied Biophysics

Sono ancora aperte le iscrizioni alla XXVI School of Pure and Applied Biophysics che si terrà a Venezia dal 24 al 28 Gennaio 2022 e verterà sul tema "Molecular and Biophysical Bases of Photosynthesis". Gli aspiranti partecipanti devono sottomettere un abstract entro il 6 dicembre. Tutte le informazioni sono sul sito della SIBPA nella sezione Scuola Internazionale di Biofisica SIBPA/IVSLA al link <https://www.sibpa.it/index.php/scuola-internazionale-di-biofisica-sibpa-ivsla>

### [CfPo] Two Postdoc positions at IBPC

Two post-doctoral positions are open to start immediately in Marc Baaden lab. The lab is focused on the development of novel approaches for interactive visualization of molecular structures, including using UnityMol to create 3D user interfaces and Virtual Reality applications. The positions will involve the development of novel software components for high throughput molecular visualization, as well as challenging biological applications. We are looking for someone that is passionate about Molecular Biology who also has skills in computer programming and graphics design. See more details at the following links:

1. [Immersive scientific visualization of membrane proteins and their assemblies;](#)
  2. [Immersive scientific visualization of omic data](#)
- More information about the institute and work environment is described [here](#).

### [CfPo] Postdoc position at Goethe University

The Cluster Project ENABLE - Unraveling mechanisms driving cellular homeostasis, inflammation and infection to enable new approaches in translational medicine is seeking to fill the position of 1 postdoctoral scientist (m/f/d) (E 13 TV-G-U, 100%) to work on projects in the field of Computational Biophysics. The position is initially limited to two years with the option of prolongation, successful candidate is appointed from 01.02.2022. The salary grade is based on the job characteristics of the collective agreement applicable to Goethe University (TV-G-U).

We seek ambitious and highly motivated new team member to join the Computational Biology team of Dr. Ramachandra M. Bhaskara. The Bhaskara group focuses on challenging problems at the interface of computational



biophysics, cell biology and data science. It is a new and inter-disciplinary group with ample opportunities to collaborate closely with Biochemists, Cell biologists and Structural biologists. The Postdoctoral candidate will develop and apply state-of-the-art computational modelling and molecular dynamics simulations to understand molecular mechanisms in Autophagic pathways. The candidate will develop innovative computational tools and simulation methods to systematically characterize diverse biomolecular systems. This will include molecular and structural modeling of protein complexes, PTMs and molecular simulations of various membrane remodeling events. The candidate will also combine theory and simulation data with complementary experimental data into a unified framework. We offer a versatile workplace in a university research institute, active mentorship and career development targeting both academia and industry through the GRADE program, excellent national and international networks, and possibility to travel and be part of different consortia projects.

We seek candidates who have PhD or equivalent degree in biophysics, physics, computational chemistry or computational biology, excellent programming skills in C/C++, Python, R, or similar languages, proven experience of performing coarse-grained and classical all-atom MD simulations and solid knowledge of simulation and modelling methods including free energy computations. Prior experience with Coarse-grained MARTINI models and GROMACS is preferred. A high interest in academic research, high-level analytical thinking and team-oriented personality with good communication skills are mandatory. Very good written and spoken English is expected. Candidate is also expected to work in collaboration with other groups and manage projects independently.

Applicants send their documents (including cover letter, CV, scanned academic degrees, list of publications and an advanced self-written code example preferably in Python) until November 30th 2021 to Prof. Dr. Ivan Đikić and Dr. Ramachandra Bhaskara, Institute of Biochemistry II, Department of Medicine, University Hospital of Goethe University, Bldg 75, Theodor-Stern-Kai 7, 60590 Frankfurt am Main (ibc2@uni-frankfurt.de and bhaskara@med.uni-frankfurt.de). Please send electronic applications in a single PDF. The university and all institutes advocate equal rights for women and men and therefore urge women to apply. Handicapped candidates are given preferential treatment with equal personal and professional qualifications. Travel and application costs cannot be reimbursed. Please do not send any original documents as the application documents will not be returned.



### **[CONF/MT] Molecular basis for membrane remodelling and organization**

Jacques Monod Conferences announces the 4th meeting on “Molecular basis for membrane remodelling and organization”. The goal of this international event is to illustrate how novel opportunities for discovery in membrane biology arise when the most urgent challenges in the field are addressed from fresh angles based on innovative tools and concepts from cryo-electron microscopy, chemical biology, metabolism, biophysics, computational biology, and systems biology.

This meeting will take place from May 16-20, 2022, in the beautiful small town of Roscoff in Brittany (France). It will be limited to a maximum of 150 people in a format that encourages interactive discussions of latest research in these areas, with much room for contributions from young scientists. 17 oral communications will be selected from submitted abstracts.

Inscriptions are now open for this meeting at the following website: <https://cjm2-2021.sciencesconf.org/>

We hope to see you in May 2022 in Roscoff!

Best wishes,

Anne-Claude Gavin and Ludger Johannes

