SIBPA
Società Italiana di Biofisica Pura e Applicata
fondata nel 1973

NEWSLETTER 2021, #09 – October

- **Calls for Positions [CfPo]**
- **Congresses [CONGR]**
- **Conferences/Meetings [CONF/MT]**
- **Workshops/Symposia [WS/SY]**
- **Courses and Schools/Webinars [CS/WB]**
- **Call for papers/applications [CfP/A]**
- **EBSA News associated with biophysics [Ebsa]**
- **Media (publications, communication) [Mpc]**
- **Events sponsored a/o supported by SIBPA [bySIBPA]**

[bySIBPA] Special Issue del XXV Congresso della SIBPA

Care/i Partecipanti al XXV Congresso della SIBPA,
come già anticipato durante il convegno, 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 (seguiranno comunicazioni ufficiali).
Ricordiamo che per i soci SIBPA regolarmente iscritti la pubblicazione su Biomolecular Concepts è gratuita fino al termine del 2022.
Vorrei pregare chi fosse interessato a presentare il proprio lavoro di inviare entro il 20 novembre 2021 un'espressione d'interesse attraverso una e-mail contenente autori, titolo anche provvisorio e corresponding author ad Alberto Diaspro e a Cristiano Viappiani, i quali, a loro volta, si occuperanno dei contatti con la rivista e ai quali dovrete rivolgervi per ulteriori informazioni.

Grazie a tutti,
Alberto Diaspro
Presidente SIBPA

[bySIBPA] XXVI School of Pure and Applied Biophysics

La XXVI School of Pure and Applied Biophysics si terrà, come ogni anno, a Venezia dal 24 al 28 Gennaio 2022 e verterà sul tema "Molecular and Biophysical Bases of Photosynthesis".
E' aperta ad un numero massimo di 30 partecipanti che dovranno sottomettere un abstract entro il 6 dicembre 2021.
Tutte le informazioni potete trovarle 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

[bySIBPA] Festival della Scienza di Genova

Il Festival della Scienza, sotto la direzione scientifica del Presidente SIBPA, Prof. Alberto Diaspro, come di consueto ospita un evento SIBPA che ha come protagonisti il Prof. Francesco Saverio Pavone e il moderatore Paolo Bianchini. Qui di seguito trovate il link all'evento:
http://www.festivalscienza.it/site/home/programma/mappe-3d-del-cervello.html#tabs2

[SY] Membrane Asymmetry Online Minisymposium, 16 November 2021

Webex link:
https://unigraz.webex.com/unigraz-en/j.php?MTID=mf020053f031c47d64dd83a75043fd93e
Password: MacyEiyR882

Program (UTC+01:00)

2:50 pm – Welcome (by Georg Pabst)

Session 1 (Chair: Enrico F. Semeraro)

3:00 pm – Drew Marquardt (20 min; +5 discussion): "Transverse lipid organization dictates bending fluctuations in model plasma membranes"

3:25 pm – Mona Krompers (10 min; +5 discussion): "Lipid-lipid interactions govern cyclodextrin based exchange protocols"

3:40 pm – Thais A. Enoki (10 min; +5 discussion): "Experimentally determined asymmetric phase diagram of a binary phospholipid mixture"

3:55 pm – Elizabeth G. Kelley (10 min; +5 discussion): "A versatile stopped-flow system for time-resolved SANS studies of asymmetric lipid membranes"

4:10 pm – Coffee break

Session 2 (Chair: Paulina Piller)

4:25 pm – Moritz P. K. Frewein (10 min; +5 discussion): "Interdigitation-induced interleaflet coupling in asymmetric liposomes"

4:40 pm – Pavana Suresh (10 min; +5 discussion): "Loss of plasma membrane lipid asymmetry can induce ordered domain (raft) formation"

5:05 pm – Milka Doktorova (20 min; +5 discussion): "Compositional vs. number asymmetry in asymmetric vesicles prepared by CD-mediated exchange"

5:30-6:00 pm – Open discussion (Chair: Georg Pabst)

[MT] Call for BPS Student Chapters
Applications accepted through November 12, 2021

Students who participate in a Biophysical Society Student Chapter have unique opportunities to sharpen their leadership skills and be part of a worldwide network promoting the field of biophysics!
Students, make connections and gain professional development opportunities by forming a Student Chapter. Chapters may be formed within a single institution, or regional Chapters may be developed among multiple, neighboring institutions anywhere in the world. Approved Chapters can also receive up to $200 USD in reimbursable expenses to assist with getting started.

Advisors, do not miss this opportunity to help support the next generation of biophysicists. Share this exciting opportunity with students in your department and consider serving as a Chapter Sponsor. As a Chapter Sponsor, you will provide professional guidance, practical advice, and assistance to students.

For more information, a complete list of instructions on forming a BPS Student Chapter, and a list of existing Chapters, visit www.biophysics.org/student-chapters

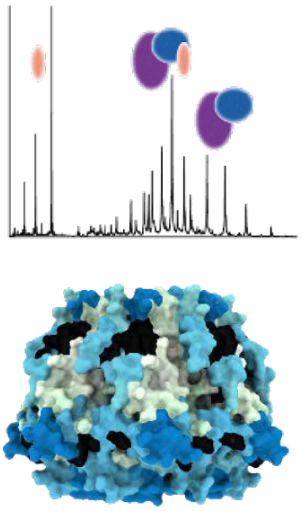
[WS] Inserm Workshop 262, Mass Spectrometry for Structural Biology

Mass Spectrometry for Structural Biology, that will take place in January 2022 in Bordeaux for the critical assessment. Technical phase II will follow in February 2022.

Information and registration: ateliers@inserm.fr

https://tinyurl.com/3kt5axhx

Registration deadline *October 29th, 2021*.



●●● **PHASE I – CRITICAL ASSESSMENT**

January 11-13, 2022 - Bordeaux

TOP-DOWN MASS SPECTROMETRY
Frank SOBOTT (University of Leeds, GBR), Michal SHARON (Weizmann Institute, ISR), Julien MARCOUX (IPBS, FRA), Alain BECK (Pierre Fabre, FRA)

NATIVE MASS SPECTROMETRY AND ION MOBILITY
Justin BENESCH (University of Oxford, GBR), Valérie GABELICA (IECB, FRA), Kostas THALASSINOS (UCL, GBR), Cherine BECHARA (IGF, FRA), Charlotte UETRECHT (Heinrich Pette Institute, DEU)

HYDROGEN-DEUTERIUM EXCHANGE COUPLED TO MASS SPECTROMETRY (HDX-MS)
Sébastien BRIER (Institut Pasteur, FRA), Argyris POLITIS (King's College, GBR), Sarah CIANFERANI (IPHC, FRA)

CROSS-LINKING AND INTEGRATIVE MODELING
Carla SCHMIDT (Martin Luther University, DEU), Petr MAN (BioCev, CZE), Matteo DEGIACOMI (Durham University, GBR)

●●● **PHASE II – TECHNICAL WORKSHOP**

Top-Down - IPBS, Toulouse - Week of 07/02
Native MS & Ion-Mobility - IGF, Montpellier - Week of 14/02
HDX-MS - LSMBO, Strasbourg - Week of 21/02

Hands-on experiments to apply main fundamental aspects developed during Phase I of the workshop. Three different training are proposed together with dedicated bio-informatics tools for data analysis: Native and Ion Mobility MS to analyse multiproteic and ligand binding complexes (IGF, Montpellier), Top-Down MS to identify proteoforms from an immunoprecipitation (IPBS, Toulouse) as well as HDX-MS to study the deuteration of standard proteins (IPHC, Strasbourg).

SELECTION: 8 trainees will be selected for each city among Phase I participants.