

FFBiotech

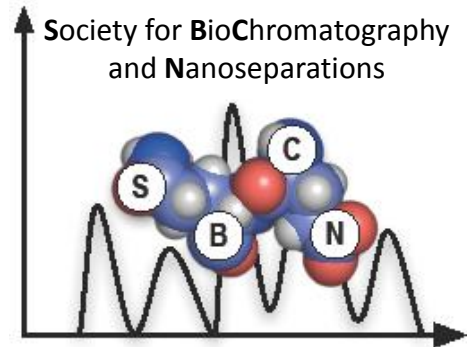
French Fédération of Biotechnologies



7-18-19-20 May 2021, Virtual Conference

SBCN 2021

<https://www.sbcn2020.com/>



Chairmans:

Romain KAPEL, Lorraine University, Nancy, France

Xavier SANTARELLI, ENSTBB Bordeaux INP, Bordeaux, France

Purification & Characterization of Biomolécules Industry - Academia Interaction

International Scientific Committee (alphabetical order)

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Pr. M.A. VIJAYALAKSHMI, VIT UNIVERSITY, VELLORE, TN, INDIA.

PR. SUICHI YAMAMOTO, YAMAGUCHI UNIVERSITY, JAPAN



*Downstream processing and biochromatography
Purification of proteins, other biomolecules and macromolecules
ADC, ADN, Phages, Virus
Biomolecules characterization,
Tools and methodology for biology and « omics »
Health, biomedical, food analysis,
Biopharm-Pharm & environmental analysis
Agro-Bioindustrie*

Contact: xavier.santarelli@ipb.fr

11th-14th May 2020, Nancy, France

Plenary lectures



" Hollow fiber field flow fractionation, theoretical descriptions of the four equilibrium mechanism during stop flow step", travelling along equilibrium equations to understand the critical relaxation step of any HF field flow fractionation separations

Pr. Philippe Jean CARDOT
Limoges University, Limoges, France



Optimization Opportunities of Virus Purification in Different Modes of Aqueous Two-Phase System

Caryn L. HELDT, PhD
Michigan Technological University, Houghton, MI, USA



Self supporting nanomembranes for bioseparation

Pr. Alois JUNGBAUER
Head of Institute of Bioprocess Science and Engineering, Department of Biotechnology
University of Natural Resources and Life Sciences, Muthgasse 18, 1190 Vienna, Austria



Digitalisation in Continuous Integrated Manufacturing of Therapeutic Proteins

Pr. Massimo MORBIDELLI
Politecnico di Milano
Milano, Italy





Roger-Marc NICOUD
Ypso-Facto, Nancy, France

Designing DSP ? Here is what modeling could do for you !



Pr. Valérie PICHON

UPMC, Director LSABM, Deputy director CBI, Laboratoire Sciences Analytiques, Bioanalytiques et Miniaturisation UMR CBI 8231 (CNRS - ESPCI Paris). **Sorbonne University, France**

New trends in sample preparation: potential of selective sorbents, from the macro to the microscale



Pr. Anurag S. Rathore, Ph.D.

Coordinator, DBT Center of Excellence for Biopharmaceutical Technology
Professor, Department of Chemical Engineering. Dean, Corporate Relations
Indian Institute of Technology, Delhi. Hauz Khas, New Delhi, 110016, India

Model Based Control of Process Chromatography



HÉLÈNE ROUX-DE BALMANN, PHD
Senior Scientist

Chemical Engineering Laboratory, CNRS, Université de Toulouse, France

Membrane processes in the context of bioeconomy and sustainability



Pr. Shuichi YAMAMOTO,

Yamaguchi University, Yamaguchi, Japan.

Smart Downstream Processing using Mechanistic Models



Key Notes



Anti-diabetic and anti-obesity potentials of *Aloe vera* extract and isolation of molecules relevant to restoration of pancreatic islet functions

Pr. Krishnan VEKATARAMAN

Director CBST VIT University, Vellore, India



Complementarity of separative methods in proteomic analysis for the characterization of post-translational modifications on virulence factors of *Pseudomonas aeruginosa*.

Julie HARDOUIN

Polymers, Biopolymers, Surface Laboratory, UMR 6270 CNRS, **University of Rouen, France**



Characterization of Site-Specific Antibody-Drug Conjugates: Cutting-Edge Analytical Approaches beyond Hydrophobic Interaction Chromatography

Valentina D'ATRI

Institute of Pharmaceutical Sciences of Western Switzerland (ISPSO), **University of Geneva, Switzerland**



Screening of optimal conditions for phage purification using a chromatography

Ana AZEVEDO

Instituto Superior Técnico, Department of Bioengineering & Institute for Bioengineering and Biosciences, **Lisbon, Portugal**



International bioseparation contest for young scientists 2021

The VIJI AWARD SBCN 2021

At "Gene to vial" in 2011 at VIT University (India), the Society for Biochromatography and Nanoseparations conferred the first Viji Award on promising and nominated young researchers in recognition of their contributions to the field of bioseparation technology.

This contest consists in promoting young scientists in the field of bioseparation. PhD students and young Post-Doctoral (within 2 years after PhD) candidates.

This prize has been named VIJI AWARD in honor to Professor M.A. Vijayalakshmi which was one of the founders of the SBCN for all her work and her passion for separative science and education.

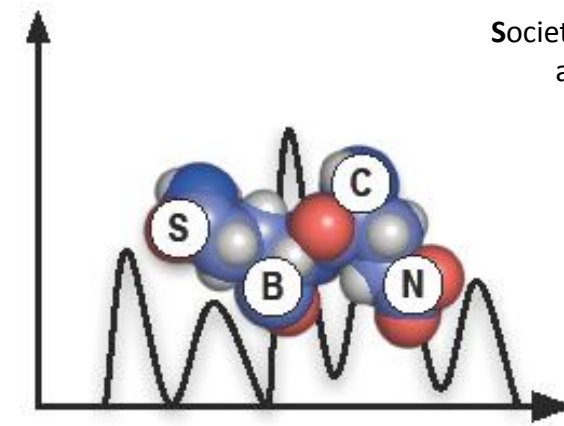
How to participate to VIJI Awards 2021

To be registered at SBCN 2021 as PhD student or young Post-Doc (PhD + 2 years) and perform a scientific presentation.

Three PRIZES: Gold, Silver and Bronze associated with prizes:

1500 € for Gold / 750 € for Silver / 375 € for Bronze

& 250 € for Poster Prize



Society for Biochromatography
and Nanoseparations



Professor M.A. Vijayalakshmi