



Society for Biomaterials
and Artificial Organs
SBAOI

Newsletter

Vol.1, Issue 6, November 2023



SBAOI Mentorship program: All young researchers can fill out <https://forms.gle/jU44ocvE2otTStv7A>

SBAOI Awards

- ❖ **Chandra P. Sharma Award:** Prof Abhay Pandit, Northern University of Ireland
- ❖ **SBAOI Distinguished Scientist Award:** Prof. Ashok Kumar, IIT Kanpur
- ❖ **Best PhD thesis award:** Dr. Souvik Ghosh, IIT Roorkee
- ❖ **Best Masters thesis award:** Mr. Arkodip Mandal, IISc Bangalore

Actively participate in BioTEX 2023, IIT Delhi (Nov 29-Dec 1)

www.biotex2023.org/Biotex/home
Email: contact@biotex2023.org



Fellows of the Society for Biomaterials and Artificial Organs (FBAOs)-2023

Congratulations! SBAOI is extremely pleased to announce newly elected fellows (FBAOs), to be inducted in 2023



Dr. R.S. Jayasree, Sree Chitra Tirunal Institute for Medical Sciences & Technology, India

Prof Annie John, University of Kerala, India



Prof Veena Koul, Professor, Indian Institute of Technology Delhi, India

Prof Dharendra S. Katti, Indian Institute of Technology Kanpur, India



Prof Naveen Kumar, Indian Veterinary Research Institute, Izatnagar, India



Dr. T.M. Sridhar, University of Madras, India



Prof Vinoy Thomas, University of Alabama at Birmingham, USA



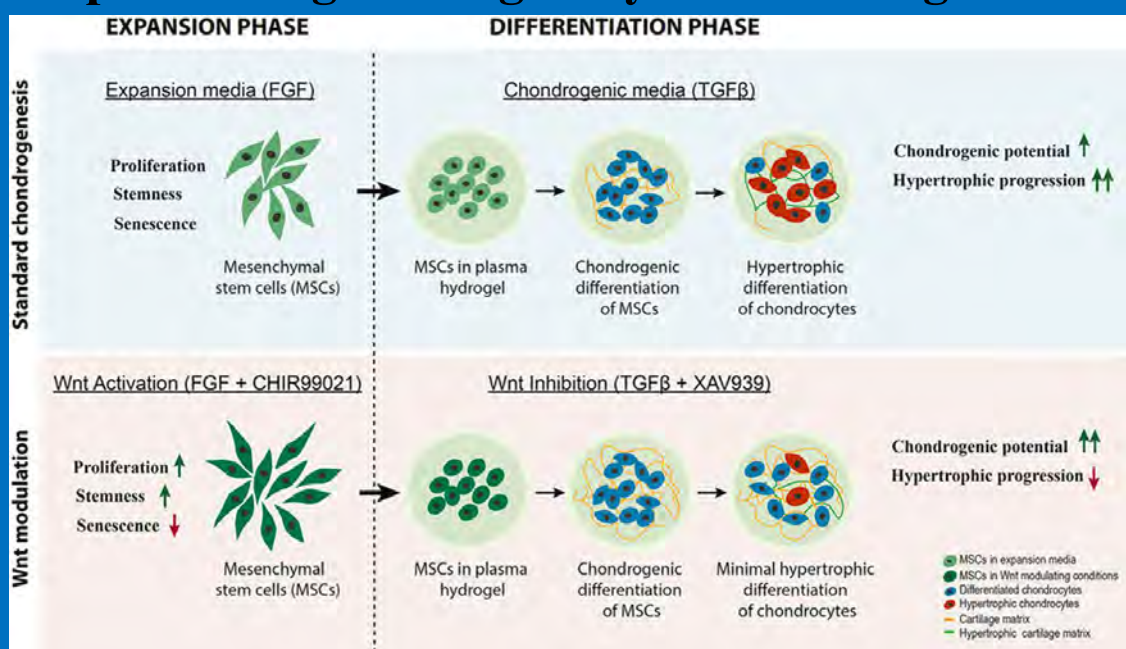
Upcoming Biomaterials Conferences

- ❖ Biomedical Materials and Technology BioTEX, IIT Delhi (Nov 29-Dec 1 2023)
- ❖ International Conference on POLYMERS FOR ADVANCED TECHNOLOGY, Kuala Lumpur, Malaysia (January 23-24, 2024)
- ❖ 12th World Biomaterials Congress, WBC2024 at Daegu, Korea (May 26-31, 2024)

Link for Biomaterials Conferences (<https://waset.org/biomaterials-conferences>)

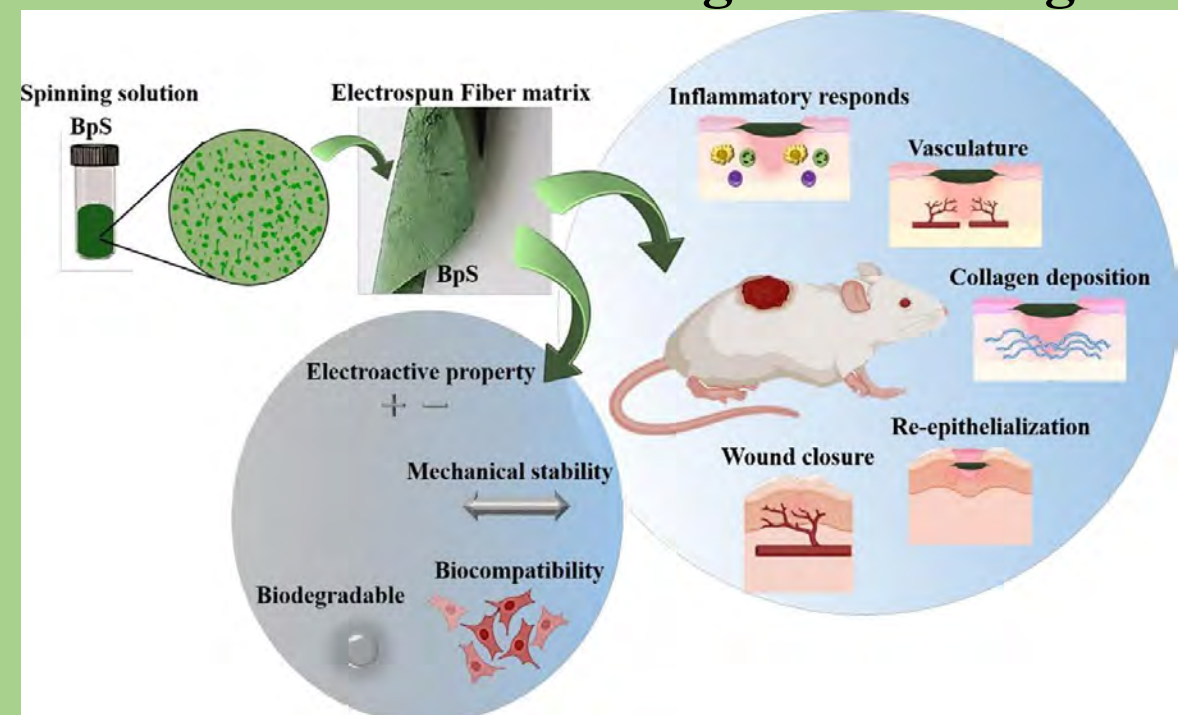
Recent highlights of the work of Indian Biomaterials researchers

Converse modulation of Wnt/ β -catenin signaling during expansion and differentiation phases of Infrapatellar fat pad-derived MSCs for improved engineering of hyaline cartilage



Mahajan et. al., *Biomaterials* Vol 302, 2023, 122296
<https://doi.org/10.1016/j.biomaterials.2023.122296>

Polyaniline doped silk fibroin-PCL Electrospunfiber: An electroactive fibrous sheet for full-thickness wound healing study Bioprintable Hypoxia-Mimicking PEG-Based Nano Bioink for Cartilage Tissue Engineering

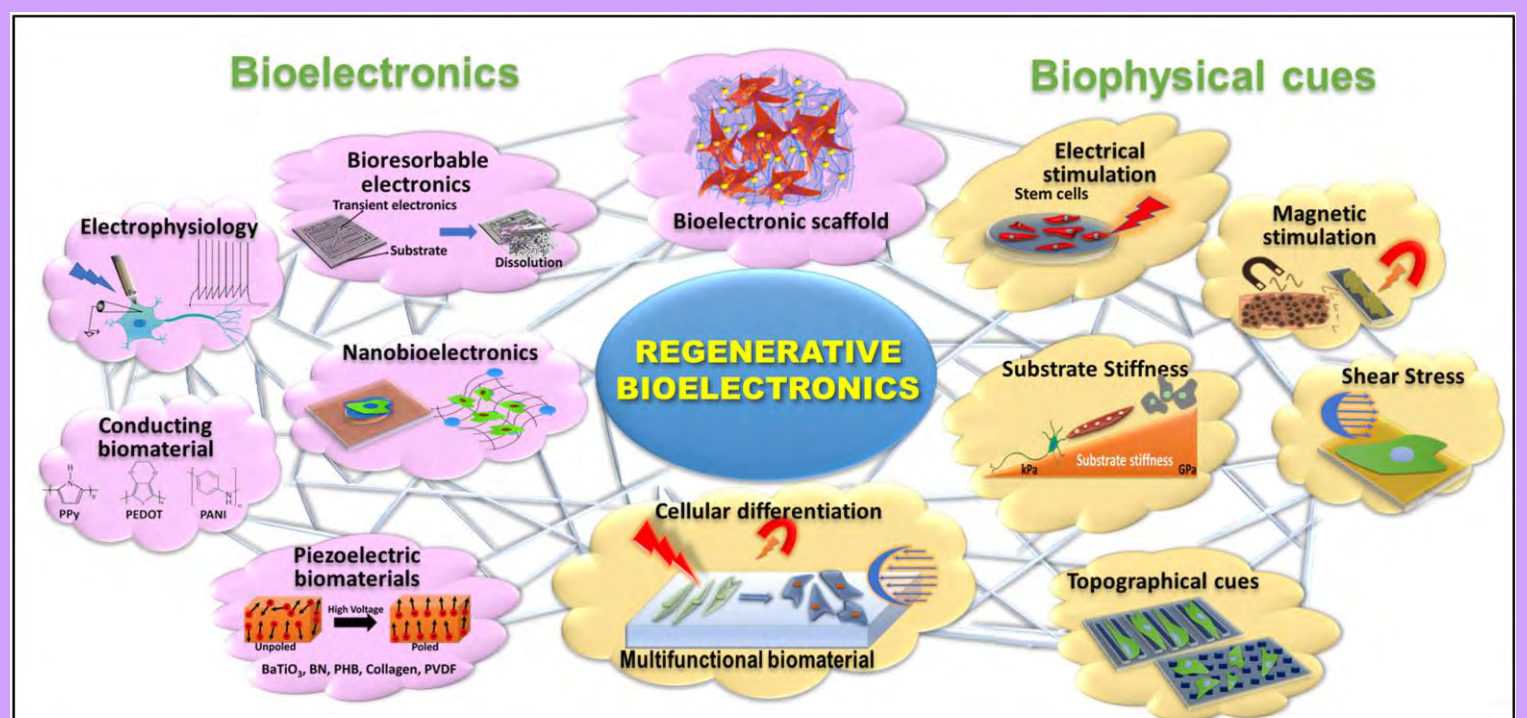


Rajasekaran et. al., *Chemical Engineering Journal*, Vol 475, 2023, 14625
<https://doi.org/10.1016/j.cej.2023.146245>

A reduced graphene oxide functionalized electrospun nerve wrap: Amalgamating electrical and biochemical cues to enhance nerve regeneration in median nerve injury model

Srivastava et. al., *Carbon*, Vol 213, 2023, 118226
<https://doi.org/10.1016/j.carbon.2023.118226>

Regenerative bioelectronics: A strategic roadmap for precision medicine



Panda et. al., *Biomaterials*, Vol 301, 2023, 122271
<https://doi.org/10.1016/j.biomaterials.2023.122271>