

HUPO 2019 Executive Committee Self Nomination Form

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*** Email**

sanjeeva@iitb.ac.in

*** Which Executive Committee Position are you nominating for?**

President-Elect (2020), President (2021-2022)

*** Name**

Sanjeeva Srivastava

*** Position or Title**

Professor

*** Institution/Affiliation**

Indian Institute of Technology Bombay

*** Please describe in 300 word or less why you are a suitable candidate for the HUPO Executive Committee.**

I am an excellent candidate for the HUPO Executive Committee and incoming HUPO President as I have a clear vision for the role and stature of HUPO in the scientific, and also the general community. I have been excited to play major roles within the society performing outreach, quality video documentaries and being part of the decision-making process. I have seen over the last 10 years the growth of the society beyond just being a vehicle for annual congresses to one that has strong initiatives and a community driven set of goals to deliver on the promise of Proteomics. As HUPO matures, we must seize the moment and capitalize on these achievements and grow from the nascent protein centric society to be the central call for protein centric biology since we all know that proteins are the many drivers of biology. It is this point that we must expand beyond our own beliefs to now reach out too many other areas of biology and play an equal role to genomics and metabolomics and become prominent on our description of proteins molecules. Further, we should accelerate our efforts to generate funds for major HUPO projects. Through my achievements in outreach using visual mediums in HUPO documentaries, my broad connections throughout the proteomics community, my external connections in life science and in governmental affairs, I lead by example. My plans are to continue and accelerate the HUPO initiatives and also promote new community wide initiatives that will focus specifically on the achievements of HUPO and its member. By driving new initiatives in social media, online courses and teaching forums, HUPO will engage the broader general community in ways it has never done before. For these reasons, I look forward for your vote to allow me to be your incoming HUPO President.

HUPO Activities: List any relevant experience serving on a HUPO committee or involvement with HUPO congresses.

I am an active member of HUPO, serve on multiple HUPO committees and cultivate an ecosystem for proteomics research globally. The following highlighted activities and contributions ensures I am a suitable candidate for HUPO EC and President Elect.

1. HUPO activities: HUPO council member and EC member of B/D-HPP. Served on HUPO Website & Social Media Committee and Human Infectious Diseases-HPP. I participate in HUPO conferences every year and have served as Invited Speaker, Session Chair and Judge. My commitment for HUPO, on a lighter note, could be understood from the fact that I attended B/D HPP monthly EC meetings at 3:00 AM.
2. I am very thrilled that India is going to host HUPO-2022, for which I initiated efforts in 2015.
3. Proteomics Documentaries: made video documentaries for education & outreach (i) Human Proteome Project, (ii) Proteomics translating the code of life, (iii) India Beckons, (iv) Perspective in Proteomics - Part-I and II (interviews of Who's who of proteomics).
4. Organised 3 successful International conferences: Proteomics Society India (2014), Targeted Proteomics International Symposium (2015 & 2018) and several workshops on MS, Bioinformatics, Interactomics, Targeted Proteomics and Proteogenomics.
5. Created large Government funded Massive Open Online Courses (MOOCs): offering free MOOC courses, "Introduction to Proteomics", "Interactomics" and "Proteogenomics" which thousands of students attend every year.
6. Initiatives in India: Serving on EC of PSI; convener for National Proteomics Facility; convener for India's initiative of International Cancer Proteogenomics Consortium
7. Academic excellence: I did Ph.D. from University of Alberta and Post-doc from Harvard Medical School, both in proteomics area. I Joined the prestigious Indian Institute for Technology (IIT) Bombay in 2009 and became full professor at the relatively younger age of 40. I have received awards for excellence in teaching in 2014 and 2018. Published 4 special issues as editor, over 100 papers, 13 patents, 1 book, 8 book chapters and received several national and international awards.