

HUPO 2019 Executive Committee Self Nomination Form

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*** Email**

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

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

*** Name**

Yu-Ju Chen

*** Position or Title**

Distinguished Research Fellow and Director

*** Institution/Affiliation**

Institute of Chemistry, Academia Sinica

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

Dr. Yu-Ju Chen is nominated as the President-elect based on her scientific accomplishments, long-term leadership and enthusiastic contribution to the proteomic community. Yu-Ju is one of the pioneers to establish large-scale mass spectrometry-based proteomics platforms in Asia. Being a chemist, she has devoted her efforts to integrate new chemical material, analytical instrumentation and informatics tools for in-depth exploration of the under-represented membrane proteome and post-translational modification and their application to delineate the proteome network in biology and diseases. Her work has been published in > 150 articles, including Mol. Cell. Proteomics, Proteomics, J Proteome Res., Anal. Chem., JACS., Nat. Commun., Cancer Cell, Plant Cell and PNAS, and 5 book chapters including co-editing a best-selling mass spectrometry textbook in Chinese (2500+ copies sold since 2015). She is also serving as Editorial Board of Proteomics, J. Proteome Res., EJMS and Sci. Rep.

Yu-Ju has demonstrated exceptional leadership and enthusiastic contribution to the local and international community. She is the first female Director (since 2013) in the past 90 years of Institute of Chemistry, Academia Sinica. Since her early career, Yu-Ju has played a key role to actively promote proteomics research and networking in Taiwan. Her term as the President of the Taiwan Proteomics Society (2009-2011) expanded the community to +400 registered members. Under her leadership, the 15th HUPO congress and AOHUPO were successfully hosted in Taipei, 2016. She has served as the chair and member of Publication Committee (2012-2016), Executive Committee (2014-2016) and Council Member (2014-2016) of HUPO. She is also the Vice President (2017-2019) and Council Member of AOHUPO.

Proteomics is reaching the maturity stage to show impact and utility in biology and medicine. Yu-Ju will utilize her great communication skills to promote the international and cross-multidisciplinary frameworks for sharing resources and knowledge, initiating scientific programs, and promoting education and training.

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

1. HUPO Executive Committee: Member at Large (2014-2016)
2. HUPO Publication Committee: Chair (2012-2016); Committee Member (2017-present)
3. Chromosome-centric Human Proteome Project (C-HPP): Leading PI of chromosome 4 team (2013-present)
4. 15th HUPO World Congress, Taipei (1200 participants): Co-chair (2016)
5. AOHUPO: Vice President (2017-present); Council Member (2009-present)
6. AOHUPO (Human Embryonic Stem Cell Plasma Membrane Proteome Initiative (2010-)): Co-chair (2010-present)