Dr. Tsuyoshi Hosoya
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Borne in 1963, Tokyo. Dr Tsuyoshi Hosoya started to work on mycology in late Professor Tubaki's laboratory in Tsukuba University in 1985. After he obtained a master degree in 1988, he joined a pharmaceutical company "Sankyo" (currently Daiichi-Sankyo), and worked on discovery research for useful secondary metabolites from fungi. He poured his attention to the fungi of the order Helotiales, underutilized but easily accessible in the discovery research at that time. His research resulted the discovery of new reports, undescribed taxa, and novel bioactive secondary metabolites. Based on these results, he obtained PhD in 1999.

Leaving Sankyo in 2004, he joined the National Museum of Nature and Science, and continued to work on research in fungal biodiversity. His research theme covers systematics and biology of Helotiales, databasing & curation of fungal specimens (in TNS), and fungi-plant interrelationships. He is now the director of the department of Botany, and the president of the Mycological Society of Japan.

He also served as Node Manager (2012-2021) of Japan in the Global Biodiversity Information Facility (GBIF, https://www.gbif.org/), a global initiative that aggregates occurrence data of various organisms from the world. Also, he was twice elected as the Regional Representative in Asia in GBIF.

Received awards: Encouragement Award, Mycological Society of Japan (1997); Mycological Society of Japan Award (2019)

Recommended reading:

Hosoya T. 2021. Systematics, ecology, and application of Helotiales: Recent progress and future perspectives for research with special emphasis on activities within Japan. Mycoscience 62: 1-9.

Gasca-Pineda, Vlez P, Hosoya T. 2020. Phylogeography of post-Pleistocene population expansion in Dasyscyphella longistipitata (Leotiomycetes, Helotiales), an endemic fungal symbiont of Fagus crenata in Japan. MycoKeys 65: 1-24.

Johnston PR, Quijada L, Smith CA, Baral HO, Hosoya T, Baschien C, Partel K, Zhuang WY, Haelewaters D, Park D, Carl S, López-Giráldez F, Wang Z, Townsend JP. A multigene phylogeny toward a new phylogenetic classification of Leotiomycetes. 2019. IMA Fungus 10: 1.