



toxins

Dear Colleagues,

We are pleased to announce that the winner of the *Toxins* 2021 Outstanding Toxicologist Award for Women is Dr. Christina Schroeder.

2021 OUTSTANDING TOXICOLOGIST AWARD

WINNER

Dr. Christina Schroeder research focuses on biodiscovery and peptide engineering of venom-derived toxins to investigate ion channels involved in pain and cancer. She completed her Ph.D. in Pharmacology at the University of Queensland, Australia, focusing on the structure–activity relationships of omega-conotoxins targeting calcium channels and has carried out postdoctoral training at the Scripps Research Institute, USA, the University of Queensland, and the University of New South Wales, Australia. In 2014, she was awarded research funding from the National Health and Medical Research Council, Australia, and in 2017, she was awarded a Future Fellowship from the Australian Research Council allowing her to pursue independent research at the Institute for Molecular Bioscience, the University of Queensland. She has published more than 80 articles on the discovery, structure and function of animal toxins targeting ion channels and submitted 28 NMR structures of toxins to the PDB. Her most noteworthy work relates to the understanding of the importance of toxin–membrane binding for sodium channel inhibition and the development of bivalent toxins with dual pharmacology targeting sodium channels involved in pain. In 2020, she joined the Chemical Biology Laboratory at the National Cancer Institute, NIH, USA as a Stadtman Investigator and she holds an adjunct Associate Professor position at the University of Queensland, Australia.

As the awardee, Dr. Christina Schroeder will receive an honorarium of CHF 2000, an offer to publish a paper free of charge before 31th December 2022 in *Toxins* after peer-review, and an engraved plaque.

We would like to thank all the nominators from various fields of study for their participation and all the Award Committee Members for their evaluation of the many excellent nominations.

Prof. Dr. Jay W. Fox
Editor-in-Chief, *Toxins*



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