



toxins



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Biotoxins: Innovative Research Tools to Treat Neuropathologies and Investigate Neurophysiology—In Memory of Professor Matteo Caleo

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submissions:

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Message from the Guest Editors

Professor Matteo Caleo, a bright neuroscientist and an excellent mentor, passed away on 12 April 2022. As his legacy, he left to his close young colleagues and the entire scientific community his unique way to approach neurosciences. Among his greatest scientific goals, he broke the current understanding about the mechanisms of action of botulinum neurotoxins, thus initiating the idea of a direct central action of botulinum neurotoxin type A. In parallel, he exploited different biotoxins to investigate the physiopathological underpinnings of a wide range of neuropathologies, from epilepsy to cancer, and his work has had a significant impact on the study of toxins and their potential applications. This Special Issue will provide a timely opportunity to pay tribute to Professor Caleo's memory and to inspire senior and young neuroscientists. Papers focused on, but not limited to, clostridial neurotoxins and other biotoxins mechanisms of action and how those compounds can be exploited as innovative tools to interfere with neurological processes and to treat neuropathologies are highly encouraged and appreciated.



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Special Issue



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Message from the Editor-in-Chief

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