

Public Abstract

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Graduation Term:SP 2016

Department:Microbiology- Medicine

Degree:PhD

Title:Mechanisms of Clostridial Neurotoxin Binding and Entry

Botulinum toxins and tetanus toxin are the most toxic proteins for humans. Based upon their potency and concern for intentional release, botulinum toxins are classified by the CDC as Tier 1, Category A select Agents. Our work will resolve how tetanus toxin elicits spastic paralysis and botulinum toxin elicits flaccid paralysis.