Institute of Advanced Sciences | **B**otulinum **R**esearch **C**enter | 86-410 Faunce Corner Rd North Dartmouth MA, 02747 | Tele: (508) 992-2042

Fourth Announcement

14th Annual Botulinum Research Symposium, August 20-21, 2020

The 14th annual symposium organized by the Botulinum Research Center at the Institute of Advanced Sciences, Dartmouth, MA.

Theme: Novelty of Botulinum Neurotoxins

Final Program

Thursday, August 20, 2020 (Time, US Eastern Daylight Saving Time)

Session I	**Inaugural Session;** Chair – **Klaus, Fink,** MERZ, Germany
9:00 – 9:30 AM	**Welcome and Introductory Remarks – Bal Ram Singh**, BRC, INADS
9:30 – 10:15 AM	**Botulinum Toxin: Past, Present, and Future - Joseph Jankovic,** Baylor College of Medicine, Houston, TX
10:15 – 10:30 AM	Q&A
10:30 – 10:45 AM	**Break**
Session II	Chair – **Klaus, Fink,** MERZ, Germany
10:45 – 11:15 AM	**Antidotal treatment of symptomatic botulism by continuous infusion with clinically safe doses of 3,4-diaminopyridine - Patrick McNutt,** US Army Research Institute of Chemical Defense, Aberdeen Proving Ground, MD, USA
11:15 – 11:45 AM	**Novel antibotulinal agent to control botulism hazard, Zhen Zhang,** University of Helsinki, Finland
Session III	Chair – **Michael Beard,** IPSEN Ltd., UK
11:45 AM – 12:15 PM	**Target pain therapeutics by magnetic BTX-A particle – Baskaran Thyagaraja,** University of Wyoming
12:15 – 12:45 PM	**Engineering botulinum neurotoxin B to improve its therapeutic efficacy – Min Dong,** Harvard Medical School
12:45 – 1:30 PM	**Lunch – cum – Poster breakout session**

Session IV	**Distinguished Eminent Lecture;** Chair **– Andy Pickett**, Toxin Biosciences, UK
1:30 – 2:15 PM	**Developing Eye Muscle Treatments, Alan B. Scott,** Strabismus Research Foundation, San Francisco, CA, USA
2:15 – 2:30 PM	Q&A

Friday, August 21, 2020

Session V	**Dr BR DasGupta Memorial Lecture;** Chair **– Cesare Montecucco,** University of Padova, Italy
9:00 – 9:10 AM	**Introduction to the BR DasGupta Memorial Lecture**
9:10 – 9:55 AM	**Tetanus and botulinum neurotoxins as tools of scientific discovery, Giampietro Schiavo**, UK Dementia Research Institute at University College London
9:55 – 10:10 AM	**Q&A**
Session VI	Chair **– Klaus, Fink,** MERZ, Germany
10:10 – 10:40 AM	**The role of botulinum neurotoxin A in promoting regeneration following peripheral nerve injury, Michael Adler,** US Army Research Institute of Chemical Defense, Aberdeen Proving Ground, MD, USA
10:40 – 11:10 AM	**Botulinum neurotoxin as delivery vehicle of botulinum toxin C3 for nerve regeneration, Raj Kumar**, Botulinum Research Center, INADS, Dartmouth, USA
11:10 – 11:25 AM	Break
Session VII	Chair **- Michael Adler,** US Army Research Institute of Chemical Defense
11:25 AM – 11:55 AM	**Novel medical applications of botulinum neurotoxins – longevity and macular disease, Gary Bordic,** Harvard Medical School, Boston, USA
11:55 – 12:25 PM	**Dramatic non-pharmacological effect of botulinum neurotoxins, Lei Wang,** Prime Bio, Inc., Dartmouth, MA, USA
12:25 – 12:55 PM	**The price of novelty, Andy Pickett,** Toxin Biosciences, UK, and Botulinum Research Center, INADS, Dartmouth, MA
Session VIII	Chair **– Min Dong,** Harvard Medical School, Boston, USA
1:00 – 1:45 PM	**Panel Discussion** - **Novelty of Botulinum Neurotoxins** – Andy Pickett, **Moderator** Klaus Fink, Merz, Germany Mathew Beard, IPSEN Ltd, UK Robert Hall, NIH, Bethesda, MD Shuowei Cai, UMass Dartmouth Andy Ress, Liv Plastic Surgery, Florida, USA
1:45 – 2:00 PM	Closing

Zoom Conference registration - Join Zoom Meeting
https://us02web.zoom.us/j/87888289443?pwd=OExHbXhJTFF0emYwWDN6dTZpd2RTQT09

Meeting ID: 878 8828 9443
Passcode: 957984