



Institute of
Advanced
Sciences

Botulinum
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Raj Kumar, Institute of
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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

Tentative Program

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

Session I

Inaugural Session

9:00 – 9:30 AM
9:30 – 10:15 AM

Welcome and Introductory Remarks – Bal Ram Singh, BRC, INADS
Botulinum Toxin: Past, Present, and Future - Joseph Jankovic,
Baylor College of Medicine, Houston, TX
Q&A

10:15 – 10:30 AM

10:30 – 10:45 AM

Break

Session II

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 antbotulinum agent to control botulism hazard, Zhen Zhang,
University of Helsinki, Finland

Session III

11:45 AM – 12:15 PM

Target pain therapeutics by magnetic BTX-A particle – Baskaran Thyagaraja, University of Wyoming

12:15 – 12:45 PM

Characterization of PMP1 toxin– Min Dong, Harvard Medical School

12:45 – 1:30 PM

Lunch – cum – Poster breakout session

Session IV**Distinguished Eminent Lecture**

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**

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

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

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

Controversial Novels in Botulinum Neurotoxins, Andy Pickett, Toxin Biosciences, UK, and Botulinum Research Center, INADS, Dartmouth, MA**Session VIII**

1:00 – 1:45 PM

Panel Discussion - Novelty of Botulinum Neurotoxins – Andy Pickett, Moderator

Klaus Fink, Merz, Germany

Dina Anderson, Allergan, USA

Robert Hall, NIH, Bethesda, MD

Shuowei Cai, UMass Dartmouth

Andy Ress, 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