

Continuation of a great tradition for exchange of ideas and results on botulinum neurotoxins in an informal and collaborative setting



# Medical Use of Botulinum Neurotoxins

17th Annual Botulinum  
Research Symposium

**2023**

Institute of Advanced Sciences



## 17<sup>th</sup> Annual Botulinum Research Symposium, 2023

### Program

#### Wednesday, July 19, 2023

1- 4 PM Arrival and Check-in at hotels of general delegates

4:00 PM Registration and Welcome, **Wamsutta Club**, 427 County Street  
New Bedford, MA

6:00 PM Social and Dinner

Welcome to the Evening Program

Entertainment – **Magic show**, Professor Timothy Su, Department of  
Chemistry and Biochemistry, University of Massachusetts Dartmouth

**Lab Concert** – Rishi Singh, John Bogdan

Sharing of **Pandemic stories**

#### Thursday, July 20, 2023, Wamsutta Club, First Floor Conference Room

8:00 AM Registration and Continental breakfast

9:00 AM *Introduction*, **Bal Ram Singh**, Botulinum Research Center

**Session I** **Session Chair – Dr. Michael Adler**, US Army Medical Research Institute of  
Chemical Defense

9:35 AM **Dr. B.R. DasGupta Memorial Lecture** – *What's in a Name?*, **Theresa Smith**,  
Formerly at US Army Research Institute of Infections Diseases, Ft. Detrick,  
MD

10:30 AM Q&A

10:45 AM **Coffee/Tea break**

**Session II Session Chair – Brenda Wilson, University of Illinois, Urbana-Champaign**

11:00 AM Stunnox as Effective Aesthetic BoNT/A Product, **Rajesh Lalchandani**, Gufic Biosciences, Mumbai, India

11:30 AM *Iatrogenic botulism: an increasing issue?*, **Isaac Ghinai**, Emergent Biosolutions

12:00 PM Intermission

12:15 PM **Lunch Banquet**

**Session III Session Chair – Klaus Fink, MERZ, Germany**

1:00 PM Banquet - Distinguished Eminent Speech

*Botulinum Neurotoxin in Aesthetics*, **Jean and Alastair Carruthers**, University of British Columbia

2:00 PM **Group Photo**

2:15 PM Conclusion of the Day

2:30 PM – onwards – local visits, Whaling Museum, Oceanfront visit, one-on-one meetings for those on site.

6:00 – 7 PM Pizza dinner for those available

**Friday, July 21, Wamsutta Club, First Floor**

7:30 AM **BRC Board** of Advisors meeting

8:00 AM Breakfast

**Session IV Session Chair – Lance Steward, Abbvie /Allergan**

8:30 AM **Lifetime Achievement Award Speech**

*Journey of Tetanus and Botulinum Toxin Research*, **Cesare Montecucco**, University of Padova, Italy

- 9:15 AM Q/A
- 9:30 AM *Novel and effective nano emulsion for topical administration of Botulinum Neurotoxin A*  
**Raj Kumar**, Botulinum Research Center, Institute of Advanced Sciences,  
Dartmouth, Massachusetts (USA)
- 10:00 AM **Coffee/Tea break**
- Session V** **Session Chair – Shuowai Cai**, University of Massachusetts Dartmouth
- 10:15 AM Characterization of serotype CD Mosaic Botulinum Neurotoxin, **Shin-  
Ichiro Miyashita**, Tokyo University of Agriculture, Hokkaido, Japan
- 10:45 AM *Aminopyridines restore ventilation and reverse respiratory acidosis in lethally intoxicated  
mice*, **Patrick McNutt**, Wake Forest University, Salem, North Carolina, USA
- 11:15 AM *Demonstration of the Potential for ReViVox™ in Reversing the Local Effect of  
Neurotoxin Wrinkle Reduction*, **Steve Yoelin**, DelNova
- 11:45 AM **Symposium Speech –Botulinum Neurotoxins for Depression**, **Michelle  
Magid**, University of Texas Medical School, Austin, TX
- 12:30 PM Lunch
- Session VI** **Session Chair – John Bogdan**, LMI supporting JPEO CBRN Medical,  
Frederick, MD
- 1:15 PM **Panel Discussion: Medical Avenues of BoNT Therapeutics**  
Karen Bunting, **IPSEN** Bioinnovations Ltd  
Harold Taylor, **MERZ**, Germany  
Gary Borodic, **Harvard** Medical School  
Lance Steward, **Abbvie/Allergan**  
Rajesh Lalchandani, **Gufic Biosciences**
- 2:15 PM Symposium conclusion, lunch, networking, departure