



Wednesday, 16 January, 2019	
All Day	Exhibit Setup
10:00 – 19:00	Registration Open
10:00 – 18:00	Poster Setup
12:00 – 16:00	TOXINS 101 Preconference Workshop Learn more
18:00 – 19:30	Opening Session Chair: <i>Giampietro Schivo (UK)</i>
18:00 – 18:30	Opening Remarks and Lifetime Achievement Awards Ceremony Co-chairs: <i>Giampietro Schivo (UK)</i> <i>Mark Hallett (USA)</i>
18:30 – 19:00	Presentation by Basic Science Lifetime Achievement Award Recipient <i>Cesare Montecucco (Italy)</i>
19:00 – 19:30	Presentation by Clinical Lifetime Achievement Award Recipient <i>Joseph Jankovic (USA)</i>
19:30 – 22:00	Welcome Reception

Thursday, 17 January, 2019	
07:00 – 18:30	Registration/Information
07:00 – 08:30	Exhibits & Breakfast
08:30 – 12:00	Plenary Session Pain and Sensory Mechanisms Chair: <i>Mark Hallett (USA)</i>
08:30 – 08:40	Opening Remarks and Introduction of Keynote Speaker
08:40 – 09:30	Keynote Presentation – Mechanisms of Pain <i>Stephen McMahon (UK)</i>
09:30 – 10:00	Emerging Clinical Uses for BoNT in Relation to Pain <i>Nadine Atzal (France)</i>
10:00 – 10:30	Novel Analgesics <i>Zdravko Lackovic (Croatia)</i>
10:30 – 11:00	BREAK
11:00 – 11:30	Headache <i>Cristina Tassorelli (Italy)</i>
11:30 – 12:00	Central Effects in Sensory and Pain Networks <i>Rami Burstein (USA)</i>
12:00 – 13:30	Lunch
12:00 – 14:30	Exhibits
12:00 – 14:30	Poster Session

PARALLEL TRACKS	Basic Science Track
14:30 – 16:00	Emerging Toxins and Toxin Engineering Co-chairs: <i>Eric Johnson (USA)</i> <i>Wim Lindstrom (Finland)</i>
14:30 – 15:00	What Defines a Botulinum Neurotoxin–Toxin Diversity? <i>Eric Johnson (USA)</i>
15:00 – 15:30	Discovery of Novel Botulinum Therapeutics: A Binary Approach <i>Bazbek Davletov (UK)</i>
15:30 – 16:00	Chimeras of Anthrax Toxin and Botulinum Neurotoxin as Novel Analgesic Proteins <i>Nicole Yang (USA)</i>
	Botulinum Neurotoxin B Engineered for Increased Receptor Affinity Has Improved Clinical Potential <i>Johannes Knapp (UK)</i>
16:00 – 16:30	BREAK
PARALLEL TRACKS	Basic Science Track
16:30 – 18:30	Mode of Action of BoNTs Co-chairs: <i>Mauricio Montal (USA)</i> <i>Thomas Binz (Germany)</i>
16:30 – 17:00	Structural Insights into BoNT Receptor Interaction or Into BoNT Complexes <i>Richard Kammerer (Switzerland)</i>
17:00 – 17:30	Mutations in Light Chain of Botulinum Neurotoxin A Enable Cleavage of Human SNAP-25 <i>Thomas Binz (Germany)</i>
	The Structure of the Tetanus Toxin Reveals pH-Mediated Domain Dynamics <i>Geoffrey Masuyer (Sweden)</i>
17:30 – 18:00	Basic Biology of BoNTs <i>Suzanne Kabib (USA)</i>
	<i>Mitchell F. Brin (USA)</i>
18:00 – 18:30	Identification and Characterization of a Botulinum Neurotoxin-Like Toxin in a Commensal Strain of <i>Enterococcus faecium</i> <i>Michael J. Mansfield (Canada)</i>
	Novel Aspects of Intestinal Botulinum <i>Francoise Duillard (Finland)</i>

Clinical Track 1A	
Current and Emerging GI/GU Applications of BoNT Session Chair: <i>Michael Chancellor (USA)</i>	
Clinical Applications in the Male GU Tract: Benign Prostatic Hyperplasia, Chronic Pelvic Pain Syndrome, Cancer <i>Emmanuel Charlier-Kastler (France)</i>	
Potential Clinical Applications for BoNT in the GI Tract <i>Frank Zerlin (France)</i>	
The Role of BoNT in "Classic" Bladder Disorders: Clinical Update <i>Christopher Smith (USA)</i>	
BREAK	
Early and Consistent Improvements in Urinary Symptoms and Quality of Life With OnabotulinumtoxinA in Overactive Bladder Patients With Urinary Incontinence in a Multicenter, Randomized, Placebo-Controlled, Phase 4 Trial <i>Alfred Kohan (USA)</i>	
Clinical Track 1B	
Other Neurological Uses for BoNT Session Chair: <i>Francisco Cardoso (Brazil)</i>	
Management of Sialorrhea <i>Wolfgang Jost (Germany)</i>	
The Utility of BoNT in Parkinson's–Beyond Sialorrhea <i>Fernando Pagan (USA)</i>	
OnabotulinumtoxinA Treatment for Chronic Migraine Reduces Depression and Anxiety in Headache Day Frequency Responders and Nonresponders <i>Mitchell F. Brin (USA)</i>	
Botulinum Toxin for the Treatment of Hand Tremor <i>Nicki Niemann (USA)</i>	

Clinical Workshop 1A	
Cadaver Laboratory – Prosection of the Head and Neck – A Mostly Aesthetic Perspective Session Chair: <i>Steven G. Yoellin (USA)</i>	
Prosectors: <i>Timothy Greco (USA)</i> <i>Peter Palusz (Hungary)</i>	What to Say to a Newly Diagnosed Patient and How to Manage Expectations <i>Marie-Helene Marlin (UK)</i>
Discussants: <i>Steven G. Yoellin (USA)</i> <i>Wendy Lee (USA)</i>	How to Advise a Patient with CD: Exercise, Daily Living, Retraining <i>Lena Zetterberg (Sweden)</i>
	Strategy for Starting BoNT Treatment (written consent, initial dose and subsequent doses, interval, follow-up) <i>Joseph Tsui (Canada)</i>
	Cervical Dystonia in Rotation: Different Injection Protocols for Different Clinical Phenotypes Video Case Studies Speaker: <i>Joseph Jankovic (USA)</i>
BREAK	
Clinical Workshop 1B	
Cosmetic and Dermatologic Uses Moderator: <i>Steven G. Yoellin (USA)</i>	Cervical Dystonia Injection Workshop I Moderator: <i>Carole Singer (USA)</i>
Pooled Results From 2 Phase 3 Pivotal Studies of DaxibotulinumtoxinA for the Treatment of Glabellar Lines <i>Steven G. Yoellin (USA)</i>	Demonstrations on Live Patients Master Injector: <i>Torben Dalager (Denmark)</i>
Injection Workshop I – Demonstrations on Live Patients Master Injector: <i>Jesper Thulesen (Denmark)</i>	

Clinical Workshop 2A	
Newly-Diagnosed Cervical Dystonia Session Chair: <i>Cynthia Comella (USA)</i>	
BREAK	
Clinical Workshop 2B	
Cervical Dystonia Injection Workshop I Moderator: <i>Carole Singer (USA)</i>	
Demonstrations on Live Patients Master Injector: <i>Thorben Dalager (Denmark)</i>	

Clinical Workshop 3A	
Adult Spasticity Session Chair: <i>Alberto Esquenazi (USA)</i>	
From Benchmark to the Latest Clinical Data: Evidence for the Use of BoNT in the Upper Extremity <i>Jörg Wissel (Germany)</i>	Evidence for the Use of BoNT in the Lower Extremity <i>Cindy Ivanhoe (USA)</i>
The Comprehensive Approach to the Management of Spasticity: Chemodenervation and Adjunctive Therapies <i>Jean-Michel Gracies (France)</i>	The Anticoagulated Patient: Management Challenges <i>Chris Boulas (Canada)</i>
BREAK	
Clinical Workshop 3B	
Adult Spasticity Injection Workshop Moderator: <i>Anthony Ward (UK)</i>	
Demonstrations on Live Patients Master Injector: <i>Bo Biering-Sørensen (Denmark)</i>	
OnabotulinumtoxinA Treatment Varies by Etiology of Spasticity, While Maintaining High Patient and Clinician Satisfaction: Results from the Aspire Study <i>Gerard E. Francisco (USA)</i>	
Rehabilitation Alone in Poststroke Spasticity: An Italian Cost-Utility Analysis <i>Alessio Baricchi (Italy)</i>	

Clinical Workshop 4A	
Lower Cranial Dystonias and Drooling Session Chair: <i>Andrew Bilzler (USA)</i>	
Oromandibular and Laryngeal Dystonia <i>Andrew Bilzler (USA)</i>	Hands-on Ultrasound Guidance Workshop Session Chair: <i>Katharine Alter (USA)</i> Learn more
Dysphagic Swallowing, Speech and Breathing Difficulties: What the Injector Needs to Know <i>Lucy Hicklin (UK)</i>	Hands-on Ultrasound Guidance – Upper Extremity <i>Katharine Alter (USA)</i> <i>Florian Heinen (Germany)</i> <i>Barbara Karp (USA)</i> <i>Haekyung Kim (USA)</i> <i>Serdar Kocer (Switzerland)</i> <i>David Simpson (USA)</i>
Lip and Tongue Dystonia: "Drooling Along the Way" <i>Raymond Rosales (Philippines)</i>	
BREAK	
Clinical Workshop 4B	
Oromandibular Dystonia and Spasmodic Dysphonia Injection Workshop Moderator: <i>Stewart Factor (USA)</i>	Hands-on Ultrasound Guidance Workshop Session Chair: <i>Katharine Alter (USA)</i> Learn more
Demonstrations on Live Patients Master Injector: <i>Heidi Bryde Blernat (Denmark)</i>	Hands-on Ultrasound Guidance – Lower Extremity <i>Katharine Alter (USA)</i> <i>Florian Heinen (Germany)</i> <i>Barbara Karp (USA)</i> <i>Haekyung Kim (USA)</i> <i>Serdar Kocer (Switzerland)</i>

Clinical Workshop 5A	
Cosmetic and Dermatologic Uses Moderator: <i>Steven G. Yoellin (USA)</i>	
BREAK	
Clinical Workshop 5B	
Cervical Dystonia Injection Workshop II Moderator: <i>Alberto Albanese (Italy)</i>	
Demonstrations on Live Patients Master Injector: <i>Thedóra Harnedóttir Cleemann (Denmark)</i>	
Pathophysiology of Migraine: Migraine Pain vs Other Types of Chronic Pain–Similarities and Differences <i>Anthony Dickenson (UK)</i>	
Predictors of Response to BoNT in Chronic Migraine <i>Patricia Poo-Roch (Spain)</i>	
Video Case Studies	

Friday, 18 January, 2019	
07:00 – 18:30	Registration/ Information
07:00 – 08:30	Exhibits & Breakfast
08:30 – 12:00	Plenary Session Duration of Action Co-chairs: <i>Matteo Calvo (Italy)</i> <i>David Simpson (USA)</i>
08:30 – 09:00	Clinical Duration of Action of Different Toxin Types <i>Roberto Eleopra (Italy)</i>
09:00 – 09:30	Came to Stay: Receptor Interactions of Botulinum Neurotoxins <i>Andreas Rummel (Germany)</i>
09:30 – 10:00	Are Booster Injections Safe? <i>Dirk Dressler (Germany)</i>
10:00 – 10:30	Break
10:30 – 11:00	Cell Entry, Activation and Intracellular Persistence of BoNT Light Chains <i>Marco Pirazzini (Italy)</i>
11:00 – 11:30	Super-Resolving Botulinum Neurotoxin Type-A Molecules: From Surface Landing to Internalization in Synaptic Vesicles <i>Fredric Neurner (Australia)</i>
11:30 – 12:00	Duration of Action in Dermatology/Aesthetics <i>Nowell Solish (Canada)</i>
12:00 – 13:30	Lunch
12:00 – 14:30	Exhibits
12:00 – 14:30	Poster Session

PARALLEL TRACKS	Basic Science Track
14:30 – 16:00	Neuronal Plasticity and Trafficking of BoNTs Co-chairs: <i>Ornella Rossetto (Italy)</i> <i>Yukihiro Fujinaga (Japan)</i>
14:30 – 15:00	Neuronal Selectivity of BoNTs <i>Nichel Popoff (France)</i>
15:00 – 15:30	Neuronal Plasticity and BoNTs as Pain Therapeutics <i>Stephen Hunt (France)</i>
15:30 – 16:00	Exploring the Effect of Various BoNT Serotypes in a Model of Autonomic Nervous System Hyperactivity From Rodents and Humans: Paving the Way to Better Targeting Therapeutics in Autonomic Disorders? <i>Jacque Haignel (France)</i>
	Centrally Transported Botulinum Toxin Type A Relieves Local Spastic Paralysis <i>Jvica Matkic (Croatia)</i>
16:00 – 16:30	BREAK
PARALLEL TRACKS	Basic Science Track
16:30 – 18:30	Protection and Detection Co-chairs: <i>Sabine Pellet (USA)</i> <i>Sheng Chen (China)</i>
16:30 – 17:00	The Development of Catalytically Inactive Botulinum Neurotoxin Holo-proteins <i>Robert Webb (USA)</i>
17:00 – 17:30	RNA-Based Therapeutics <i>Charles Shoemaker (USA)</i>
17:30 – 18:00	Small Molecule Inhibitors to BoNTs <i>Kim Janda (USA)</i>
18:00 – 18:30	Development of an In Vitro Human Neuromuscular Junction <i>Camille Nicolleau (France)</i>
	Catwalk™ as a Functional Analysis Tool of Rodents Injected With Botulinum Neurotoxin <i>Sabine Pellet (USA)</i>

Clinical Workshop 1A	
Pediatric Spasticity and Movement Disorders Session Chair: <i>Florian Heinen (Germany)</i>	
Review of Common Gait Patterns in Children With Cerebral Palsy <i>Mark Gormley (USA)</i>	"Classic" Cosmetic Use of Botulinum Toxins: From Glabella to Platysma: Injection Techniques to Maximize Outcomes <i>Timothy Greco (USA)</i>
Neurotoxin Therapy vs Physical Treatments: What Is the Optimal Approach for the Pediatric Patient? <i>Henk Stam (Netherlands)</i>	Challenging Botulinum Toxin Cases, Bridging Cosmetic and Therapeutic <i>Nowell Solish (Canada)</i>
Where do "Toxins" Fit in the Care Pathway of Pediatric Dystonia and Cerebral Palsy? <i>Darcy Fahling (Canada)</i>	Escalating Doses of IncobotulinumtoxinA for Extended Treatment of Glabellar Frown Lines: Safety and Efficacy Results From a Randomized, Double-Blind Study <i>Corey Maas (USA)</i>
BREAK	
Clinical Workshop 1B	
Pediatric Spasticity Moderator: <i>Cindy Ivanhoe (USA)</i>	
Efficacy and Safety of IncobotulinumtoxinA for Lower-Limb Spasticity in Children and Adolescents with Cerebral Palsy <i>Florian Heinen (Germany)</i>	Focal Limb Dystonia and Tremor: Clinical Update <i>Mandar Jog (Canada)</i>
Video Case Studies Presented by: <i>Florian Heinen (Germany)</i> <i>Cindy Ivanhoe (USA)</i> <i>Sebastian Schroeder (Germany)</i>	Focal Limb Dystonia Injection Workshop Moderator: <i>Mark Hallett (USA)</i>
	Demonstrations on Live Patients Master Injector: <i>Torben Dalager (Denmark)</i>

Clinical Workshop 2A	
Cosmetic and Dermatologic Applications of Botulinum Toxin Session Chair: <i>Steven G. Yoellin (USA)</i>	
BREAK	
Clinical Workshop 2B	
Focal Limb Dystonia Moderator: <i>David Simpson (USA)</i>	
Demonstrations on Live Patients Master Injector: <i>Torben Dalager (Denmark)</i>	

Clinical Workshop 3A	
Cervical Dystonia II Session Chair: <i>Ryuji Kajii (Japan)</i>	
Anterocollis Posture and Deep Cervical Muscle Injections with BoNT <i>Laxman Bahroo (USA)</i>	Anterocollis Posture and Deep Cervical Muscle Injections with BoNT <i>Laxman Bahroo (USA)</i>
Cervical Dystonia Revisited <i>Alberto Albanese (Italy)</i>	Outcomes of Week-24 Completers and Subjects Who Had Follow-Up Beyond Week 24 After a Single Treatment of DaxibotulinumtoxinA for Injection (RD02): Results of a Phase 2, Open-Label (Level II), Dose-Escalating Study in Isolated Cervical Dystonia <i>Atul Patel (USA)</i>
	Management Algorithm for BoNT Injections with Electromyography and Ultrasound Guidance in Cervical Dystonia <i>Anna Castagna (Italy)</i>
BREAK	
Clinical Workshop 3B	
Cervical Dystonia Injection Workshop II Moderator: <i>Alberto Albanese (Italy)</i>	
Demonstrations on Live Patients Master Injector: <i>Thedóra Harnedóttir Cleemann (Denmark)</i>	

Clinical Workshop 4	
Primary Headache Session Chair: <i>Cristina Tassorelli (Italy)</i>	
Demonstrations on Live Patients Master Injector: <i>Heidi Bryde Blernat (Denmark)</i>	
Pathophysiology of Migraine: Migraine Pain vs Other Types of Chronic Pain–Similarities and Differences <i>Anthony Dickenson (UK)</i>	
Predictors of Response to BoNT in Chronic Migraine <i>Patricia Poo-Roch (Spain)</i>	
Video Case Studies	

Clinical Workshop 5A	
Hemifacial Spasm and Blepharospasm Session Chair: <i>Marie Vidalihet (France)</i>	
The Patient's Perspective: Personal Experience, Psychological Profile and Social Media <i>Marie Vidalihet (France)</i>	Hands-on Ultrasound Guidance Workshop Session Chair: <i>Katharine Alter (USA)</i> Learn more
Blepharospasm and Hemifacial Spasm: Different Injection Protocols for Different Clinical Phenotypes Video Case Studies <i>Marie-Helene Marlin (UK)</i>	Hands-on Ultrasound Guidance – Head and Neck <i>Katharine Alter (USA)</i> <i>Florian Heinen (Germany)</i> <i>Barbara Karp (USA)</i> <i>Haekyung Kim (USA)</i> <i>Serdar Kocer (Switzerland)</i> <i>Michael Munin (USA)</i>
Facial Tics <i>Joseph Jankovic (USA)</i>	
BREAK	
Clinical Workshop 5B	
Hemifacial, Blepharospasm and Sialorrhea Injection Workshop Moderator: <i>Raymond Rosales (Philippines)</i>	
Demonstrations on Live Patients Master Injector: <i>Heidi Bryde Blernat (Denmark)</i>	

Clinical Workshop 6A	
Cosmetic and Dermatologic Applications of Botulinum Toxin Session Chair: <i>Steven G. Yoellin (USA)</i>	
BREAK	
Clinical Workshop 6B	
Cervical Dystonia Injection Workshop II Moderator: <i>Alberto Albanese (Italy)</i>	
Demonstrations on Live Patients Master Injector: <i>Thedóra Harnedóttir Cleemann (Denmark)</i>	

Saturday, 19 January, 2019	
07:00 – 12:00	Registration/ Information
07:00 – 08:30	Exhibits & Breakfast
08:00 – 09:00	INA Members Business Meeting
09:00 – 11:15	Plenary Session – New Toxins Chair: <i>Giampietro Schivo (UK)</i>
09:00 – 09:30	What Properties Do Clinicians and Patients Want? <i>Jörg Wissel (Germany)</i>
09:30 – 10:00	Family of BoNTs and New Toxins <i>Pål Stenmark (Sweden)</i>
10:00 – 10:30	New Versions of BoNT Including Transdermal Preparations and Type E: New Clinical Indications: Ongoing Clinical Trials <i>Cynthia Comella (USA)</i>
10:30 – 11:00	Toxin Engineering <i>Min Dong (USA)</i>
11:00 – 11:15	Conference Closing Remarks <i>Cynthia Comella (USA)</i>