

Botulinum Toxin Botulism

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Recent Publications on Botulinum Toxin Botulism:



- [Type C botulinum toxin causes degeneration of motoneurons in vivo.](#)
All botulinum toxins (BoNTs, types A-G) inhibit synaptic transmitter... 13th November, 2009
aCenter for Neuroscience, Aging and Stem Cell Research, Burnham Institute- Neuroreport. 2009 Nov 10. (DOI Direct Link)
- [Potent new small-molecule inhibitor of botulinum neurotoxin serotype A endopeptidase developed by synthesis-based computer-aided molecular design.](#)
Botulinum neurotoxin serotype A (BoNTA) causes a life-threatening... 11th November, 2009
Computer-Aided Molecular Design Laboratory, Mayo Clinic, Rochester,- PLoS One. 2009 Nov 10;4(11):e7730. (DOI Direct Link)
- [An efficient drug delivery vehicle for botulism countermeasure.](#)
BACKGROUND: Botulinum neurotoxin (BoNT) is the most potent poison known to... 29th October, 2009
Division of Experimental Therapeutic, Walter Reed Army Institute of- BMC Pharmacol. 2009 Oct 27;9:12. (DOI Direct Link)
- [An algorithm for the evaluation and management of red, yellow, and green zone patients during a botulism mass casualty incident.](#)
Botulinum toxin is one of the most toxic substances known to humankind. It... 29th October, 2009
Department of Public Health and Preventive Medicine, College of Medicine,- Am J Disaster Med. 2009 Jul-Aug;4(4):192-8.
- [A 3-day-old boy with acute flaccid paralysis.](#)
Clostridium botulinum is the etiologic agent of botulism, a disease marked... 21st October, 2009
Memorial Hospital for Children, 1400 East Boulder Street, Colorado- Pediatr Ann. 2009 Sep;38(9):479-82. doi: 10.3928/00904481-20090820-01. (DOI Direct Link)
- [Botulism and vaccines for its prevention.](#)
Botulism is a severe neuromuscular disease caused by toxins produced by... 20th October, 2009
Medical Countermeasures Technology, U.S. Army Medical Research and- Vaccine. 2009 Nov 5;27 Suppl 4:D33-9. (DOI Direct Link)
- [The Long-lived Nature of Clostridium perfringens Iota Toxin in Mammalian Cells Induces Delayed Apoptosis.](#)
Mono-ADP-ribosylation of actin by bacterial toxins, such as Clostridium... 7th October, 2009
Institute of Pharmacology and Toxicology, University of Ulm Medical- Infect Immun. 2009 Oct 5. (DOI Direct Link)
- [Recombination and insertion events involving the botulinum neurotoxin complex genes in Clostridium botulinum types A, B, E and F and Clostridium butyricum type E strains.](#)

*BACKGROUND: Clostridium botulinum is a taxonomic designation for at least...*7th October, 2009
Bioscience Division, Los Alamos National Laboratory, Los Alamos, NM 87545,- BMC Biol. 2009 Oct
5;7:66. ([DOI Direct Link](#))

- [Sialic acid-dependent binding and transcytosis of serotype D botulinum neurotoxin and toxin complex in rat intestinal epithelial cells.](#)

*A large toxin complex (L-TC) produced by Clostridium botulinum is composed...*30th September, 2009
Department of Food Science and Technology, Faculty of Bioindustry, Tokyo- Vet Microbiol. 2009 Sep
10. ([DOI Direct Link](#))

- [A quadruplexed real-time PCR assay for rapid detection and differentiation of the Clostridium botulinum toxin genes A, B, E and F.](#)

*Clostridium botulinum is the etiologic agent of botulism, a disease marked...*26th September, 2009
1 Brigham Young University;- J Med Microbiol. 2009 Sep 24. ([DOI Direct Link](#))

- [Food-borne botulism in Argentina.](#)

*Botulism is a severe neuromuscular disease caused by Clostridium...*18th September, 2009
Department of Microbiology and Parasitology, School of Medicine,- J Infect Dev Ctries. 2009 May
1;3(4):250-4.

- [Characterization of the D/C mosaic neurotoxin produced by Clostridium botulinum associated with bovine botulism in Japan.](#)

*Clostridium botulinum types C and D are related to avian and mammalian...*2nd September, 2009
Department of Veterinary Science, Graduate School of Life and- Vet Microbiol. 2009 Aug 8. ([DOI Direct Link](#))

- [\[Fifteen cases of food-borne botulism in Morocco: Significant diagnostic contribution of electrodiagnosis.\]](#)

*INTRODUCTION: Botulism is a rare but serious disease, which affects the...*28th August, 2009
Departement de neurologie, hopital Ibn Tofail, CHU Mohamed VI, faculte de- Rev Neurol (Paris). 2009
Aug 24. ([DOI Direct Link](#))

- [Pharmacophore-guided lead optimization: the rational design of a non-zinc coordinating, sub-micromolar inhibitor of the botulinum neurotoxin serotype a metalloprotease.](#)

*Botulinum neurotoxins, responsible for the neuromuscular syndrome...*26th August, 2009
SAIC Frederick, Inc., Target Structure-Based Drug Discovery Group,- Bioorg Med Chem Lett. 2009 Oct
1;19(19):5811-3. Epub 2009 Feb 13. ([DOI Direct Link](#))

- [\[Botulinum toxin: from drug to poison\]](#)

*For most of its time, the history of botulinum toxin (BT) has been the...*18th August, 2009
Klinik fur Neurologie, Medizinische Hochschule Hannover,- Fortschr Neurol Psychiatr. 2009 Aug;77
Suppl 1:S49-54. Epub 2009 Aug 14. ([DOI Direct Link](#))

BioNews Results for Botulinum Toxin Botulism

- [Botulism baby is stable in hospital](#)

The Courier: Nov 6 2009 5:07AM Matching: botulinum toxin botulism



Botulinum Toxin Botulism Patents:

- 7507419- [Topically applied Clostridium botulinum toxin compositions and treatment methods](#)
- 7070935- [Method for detecting a biological entity in a sample](#)
- 7198951- [Adeno-associated virus \(AAV\) serotype 9 sequences, vectors containing same, and uses therefor](#)
- 7247472- [Simian adenovirus nucleic acid and amino acid sequences, vectors containing same, and methods of use](#)
- 7282199- [Adeno-associated virus \(AAV\) serotype 8 sequences, vectors containing same, and uses therefor](#)
- 7291498- [Methods of generating chimeric adenoviruses and uses for such chimeric adenoviruses](#)
- 7344872- [Method for rapid screening of bacterial transformants and novel simian adenovirus proteins](#)
- 7407624- [Method for abatement of allergens, pathogens and volatile organic compounds](#)
- 7455966- [System and method for detecting a biological entity in a water sample](#)
- 7491508- [Methods of generating chimeric adenoviruses and uses for such chimeric adenoviruses](#)
- 5562907- [Method to prevent side-effects and insensitivity to the therapeutic uses of toxins](#)

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Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

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