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Collaborative Connection to the Past and Future: Introducing an Archival Program and Creating a History and Image Web Exhibit

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Collaborative Connection to the Past and Future: Introducing an Archival Program and Creating a History and Image Web Exhibit

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In 1922-23, “Captain” produced enough antitoxin to protect 86,000
Partnership
The Project
History of MassBiologics, Vaccination, and Public Health

- 1918
  First Diphtheria toxin-antitoxin for active immunization made at the Antitoxin and Vaccine Laboratories. It is produced in a newly extended wing of the Laboratories.

- 1920-1934
  Benjamin White – Director (first full time director).

- 1921
  Massachusetts Legislature authorizes the sale of surplus products by the Biologic Laboratories.

- 1923
  First scheduled course, Applied Immunology, given at the Laboratory in conjunction with Harvard School of Public Health.

- 1925
  Development and manufacture of Scarlet Fever antitoxin begun at Antitoxin and Vaccine Laboratory. Additionally, production of antiserums for measles, influenza bacillus, and other agents begun.

- 1923
  Gaston Ramon and Alexander Thomas Gleny both independently developed diphtheria toxoid. Ramon treated diphtheria toxin with heat and formalin which inactivated the toxin molecule so that it could no longer attach to cells and cause toxicity. In humans this toxoid was still able to induce antibodies that blocked natural toxin from attaching to cells, thus preventing diphtheria in a person if exposed.

Early Publ


Public health disease has actions and vaccination for public health MassBiologics.

Many other acts throughout the 17th century. Toward the end of the 19th century, smallpox, scarlet fever, and yellow fever interest. Notably, on June 22, 1797, a smallpox outbreak began to spread in Boston, but by the end of the century, most of the outbreaks had been stopped. During a 1970 smallpox epidemic in the care of smallpox victims, smallpox was confirmed in Massachusetts, Cotton Mather promulgated Boylston.

Cover of Publication "Plea for Diphtheria Antitoxin", 1900.
<table>
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<tr>
<th>Date</th>
<th>Name</th>
<th>Affiliation</th>
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<td>American Red Cross</td>
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<td>Joseph Clutter</td>
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Guestbook pp5-10. Includes dates for 1961.
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