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

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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
History of Me

MassBiologics, Vaccination, and Public Health

Public health, disease control, and vaccination of the public health mass biologies.

Early Publications

The early publications and contributions of the Mass Biologics.

History

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 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.

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.

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.
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<th>Affiliation</th>
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Build a Strong Foundation
Diphtheria

Pertussis

Tetanus

TV103

Documentation
Use the Tools & Resources at your Disposal
Produce Something
THANK YOU
QUESTIONS

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