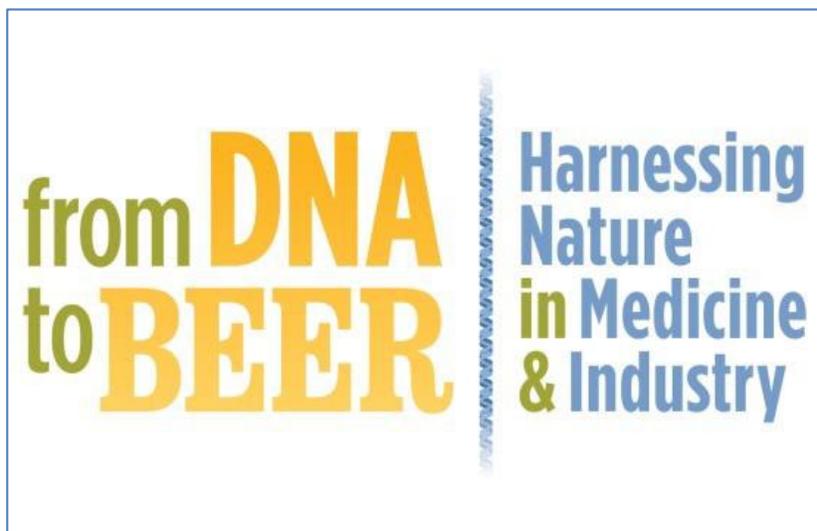


NLM Traveling Exhibitions

PR Information



www.nlm.nih.gov/fromdnatobeer

The National Library of Medicine produced *From DNA to Beer: Harnessing Nature in Medicine and Industry*, guest curated by Diane Wendt and Malory Warner from the Division of Medicine and Science, National Museum of American History, part of the Smithsonian Institution.

The traveling banner exhibition and companion website explore some of the processes, problems, and potentials inherent in technologies that use microorganisms for health and commercial purposes.

From DNA to Beer includes an [education component](#) with a university module, several explanatory online activities, and a [digital gallery](#) that features a curated selection of fully digitized items from the historical collections of the NLM, which are also available in their entirety in [NLM Digital Collections](#).

Please include this courtesy line with all public announcements about the project:

The National Library of Medicine produced this exhibition and companion website.

NLM Traveling Exhibitions

PR Information

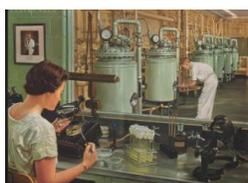
Host venues for *From DNA to Beer* receive the following PR images. For your reference, there are brief captions for the images. Please include their corresponding **courtesy** noted below when using them.



French Chemist Louis Pasteur's work is recognized as laying the foundation for the science of bacteriology. His investigations on the behalf of the French beer industry established tools and techniques necessary for controlling the productive and destructive power of microorganisms.

Louis Pasteur, 1889

Courtesy National Library of Medicine



Parke, Davis & Company, at one time, one of the oldest drug-making companies in the United States, commissioned this painting of penicillin research and production as part of their "Great Moments in Pharmacy" advertising campaign.

"The Era of Antibiotics," painted by Robert A. Thom for Parke, Davis & Company, 1950s

Courtesy American Pharmacists Association Foundation. Copyright 2009 APhA Foundation



Scientists investigated and developed new methods for treating diseases in humans with antibodies produced from animal blood.

Recovering the diphtheria serum from horse blood in Marburg, Germany, drawn from nature by Fritz Gehrke, 1890s

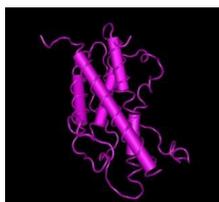
Courtesy of National Library of Medicine



This sales kit illustrates the step-by-step process for manufacturing insulin from the pancreas glands of animals.

Insulin sales kit, Eli Lilly and Company, 1940s

Courtesy National Museum of American History



Ribbon diagrams are a graphic tool that help researchers to visualize protein structures such as growth hormone.

"Ribbon Diagram" of human growth hormone, 2013

Courtesy National Center for Biotechnology Information (NCBI)