

## Harvard Spray Drying Vaccine



Bioengineers and public health researchers have developed a new spray method for preserving and delivering the most common tuberculosis vaccine. The low-cost and scalable technique is viewed as a step up from conventional vaccination procedures because it offers greater stability at room temperature and is needle-free in its delivery. Currently, the widely administered Bacillus Calmette-Guerin (BCG) vaccine is stored through a cumbersome freezing process and delivered by needle injection.

The spray drying technique, developed by researchers from the Harvard School of Engineering and Applied Sciences, could one day provide a better approach for vaccination against tuberculosis. The project was sponsored in part by the Bill & Melinda Gates Foundation, and by a grant from the National Institutes of Health.

To access the official article, please visit the [Harvard School of Engineering and Applied Sciences press releases](#).