

6/13(木) ハイブリッド開催

生命医科学研究所セミナー/RIBS seminar

Date June 13th 16:20 - 17:50
Place 生命医科学研究所2階大講義室
Speaker Dr. Harvey F. Lodish, Ph. D.

Professor of Biology and Professor of Biological Engineering,
Massachusetts Institute of Technology



Title : **New Technologies and Building Successful Biotechnology Companies to Treat Disease: A Personal History**

Abstract

I will begin with a brief history of biotechnology, stressing the importance of faculty members becoming entrepreneurs. At MIT, faculty members are given up to one day per week “Outside Professional Activity.” We can work with and consult for companies; we can own stock in for-profit companies but cannot be an operating officer. Many companies license research in the faculty member’s lab, and many of us serve on their advisory boards and boards of directors, with oversight of the research and development projects.

I will discuss the basics of starting and growing a biotech company, focusing on the importance of proprietary and protected intellectual property, a solid business plan; a top Scientific Advisory Board and an experienced Board of Directors. It is important to have access to experienced biopharmaceutical leaders and workers, including experts in research and development, medicine, drug manufacturing, business, finance, law, government regulations. One also needs solid financial backing, usually by venture capital, as well as supportive infrastructure including a helpful government and regulatory environment.

MIT, the Whitehead Institute, and the Broad Institute are at the epicenter of Kendall Square and its several hundred biotechnology and pharmaceutical companies. The greater Boston Cambridge area hosts the largest group of biotechnology and biopharmaceutical companies in the world, and I will detail the importance of geographic proximity to major universities such as MIT in facilitating the growth of the Boston biotech ecosystem.

I will discuss several of my own personal experiences in starting and growing successful biotechnology companies, including Genzyme in the 1980’s and several current ventures. Finally, I will stress the importance of courses at MIT that teach biotechnology and entrepreneurship, including an undergraduate and a graduate – level course that I teach.

Lodish 博士は分子生物学の研究で著名ですが、サノフィ社が買収した Genzyme や武田薬品が買収したことで話題になった Millennium などの立ち上げにも関わりました。今回は若い人たち向けにアントレプレナーシップについて講演します。

申込方法 現地参加の場合は申込不要。Zoom参加希望者のみ下記よりお申込ください。

<https://tus-ac-jp.zoom.us/meeting/register/tJUrd-yoqjstHdNTewfOB7UHA5eRbAqCmkAb>

ZOOM 申込 QR コード→



世話人 Host : 吉村 昭彦 Akihiko Yoshimura

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