

Synthetic Biology 2.0 | What Comes Next

October 26, 2022

Northwestern University, Evanston, Illinois

Panelists and Speakers from:



khosla ventures



FORESITE
CAPITAL
Funding the Future of Healthcare



KdT Ventures

Pear



LanzaTech



RESILIENCE

Participating Institutions:

Northwestern



AGENDA

October 26, 2022

Guild Lounge, Scott Hall
601 University Place, Evanston, IL

8:30 - 9:00 am	Check-in
9:00 - 9:15 am	Welcome Milan Mrksich Vice President for Research, Northwestern University
9:15 - 10:15 am	Panel Discussion <i>Where are we now and where will we be?</i> Moderator: Milan Mrksich Panelists: Phil Grayeski, Hesam Motlagh, Dana Watt, Jamie Kasuboski
10:15 - 11:15 am	Panel Discussion <i>The science and technology that will get us there</i> Moderator: Michael Jewett Panelists: Josh Leonard, Danielle Tullman-Ercek, Ophelia Venturelli, Huimin Zhao
11:15 - 11:45 am	Break
11:45 - 12:30 pm	Lakeside Chat <i>The Story of LanzaTech</i> Michael Koepke, Julius Lucks
12:30 - 1:45 pm	Lunch
1:45 - 3:00 pm	Panel Discussion <i>Platform companies-- Balancing the horizontal with the vertical</i> Moderator: Eddie Eltoukhy Panelists: Seth Bannon, Mira Chaurushiya, Shaq Vayda, Scott McIsaac
3:00 - 3:45 pm	Lakeside Chat <i>Opportunities in Life Science Manufacturing</i> Rich Stoner, Francisco Gimenez
3:45 - 4:00 pm	Break
4:00 - 5:00 pm	World Business Chicago Startup Showcase Syenex (Northwestern), Syntax (University of IL Chicago), Evozyne (University of Chicago)

The Querrey InQbation Lab
1801 Maple Ave, Evanston, IL

5:15 - 7:00 pm **Partnering & Networking Reception**
** Note change in location (Shuttle Bus Available)**

PARTICIPANTS

SynBio 2.0 Panels

I. Where are we now and where will we be?



Milan Mrksich
Northwestern University
Moderator



Phil Grayeski
KdT Ventures



Hesam Motlagh
Khosla Ventures



Dana Watt
Breakout Ventures



Jamie Kasuboski
OMX Ventures

II. The Science & Technology that will get us there



Michael Jewett
Northwestern University
Moderator



Joshua Leonard
Northwestern University



Danielle Tullman-Ercek
Northwestern University



Ophelia Ventuelli
University of Wisconsin,
Madison



Huimin Zhao
University of Illinois,
Urbana-Champaign

III. Platform Companies-- Balancing the horizontal with the vertical



Eddie Eltoukhy
Pear VC
Moderator



Seth Bannon
Fifty Years



Mira Chaurushiya
Westlake Village BioPartners



Shaq Vayda
Lux Capital



Scott McIsaac
Foresite Capital

Lakeside Chats

I. The Story of LanzaTech



Michael Koepke
VP, Synthetic Biology, LanzaTech



Julius Lucks
Northwestern University

II. Opportunities in Life Science Manufacturing



Rich Stoner
CSO, Resilience



Francisco Gimenez
8VC

Startup Showcase



SYENEX

Prof. Joshua Leonard
Northwestern University

Syntax

Prof. Brad Merrill
University of Illinois,
Chicago



Prof. Andrew Ferguson
University of Chicago

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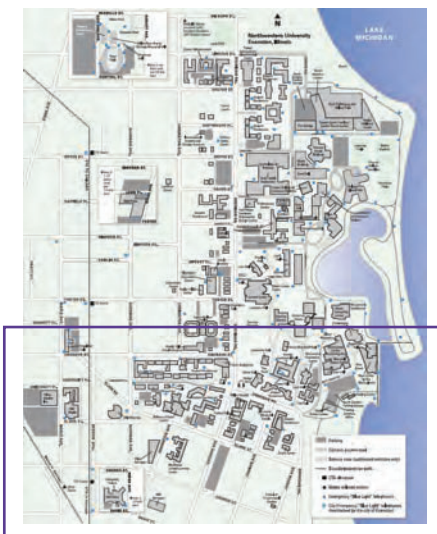


WELCOME

Northwestern University's Querrey InQbation Lab is excited to announce its inaugural event, **Synthetic Bio 2.0: What Comes Next**. The program brings together thought leaders from the research, investment, startup, and corporate communities to examine and discuss the next generation of applications, technologies, and markets for synthetic biology. We anticipate many engaging and stimulating discussions both on stage as well as in our networking session at the end of the day. We look forward to seeing you in Evanston!

Northwestern University's Querrey InQbation Lab was [announced](#) in early 2022 to provide a home for Northwestern's highly entrepreneurial faculty to contribute to innovation through commercialization of sophisticated scientific discoveries as well as bring economic growth and opportunities to the Evanston and Chicago communities. Central to The InQbation Lab are programming and resources focused on advancing innovation and entrepreneurship from Northwestern's research portfolio. Synthetic Bio 2.0: What Comes Next is the first in a series of events focused on high-impact, groundbreaking areas of science, technology, and commercialization.

Northwestern Evanston Campus Map



DETAILS

Event Locations

8:30am – 5pm: Guild Lounge, Scott Hall, 601 University Pl, Evanston, IL
Panels, Lakeside Chats, Startup Showcase

5:15-7pm: The Querrey InQbation Lab, 1801 Maple Ave, Evanston
Partnering & Networking Reception

Parking

A Northwestern South Parking Garage, 1841 Sheridan Rd, Evanston
Take a ticket to enter - we will provide voucher to exit

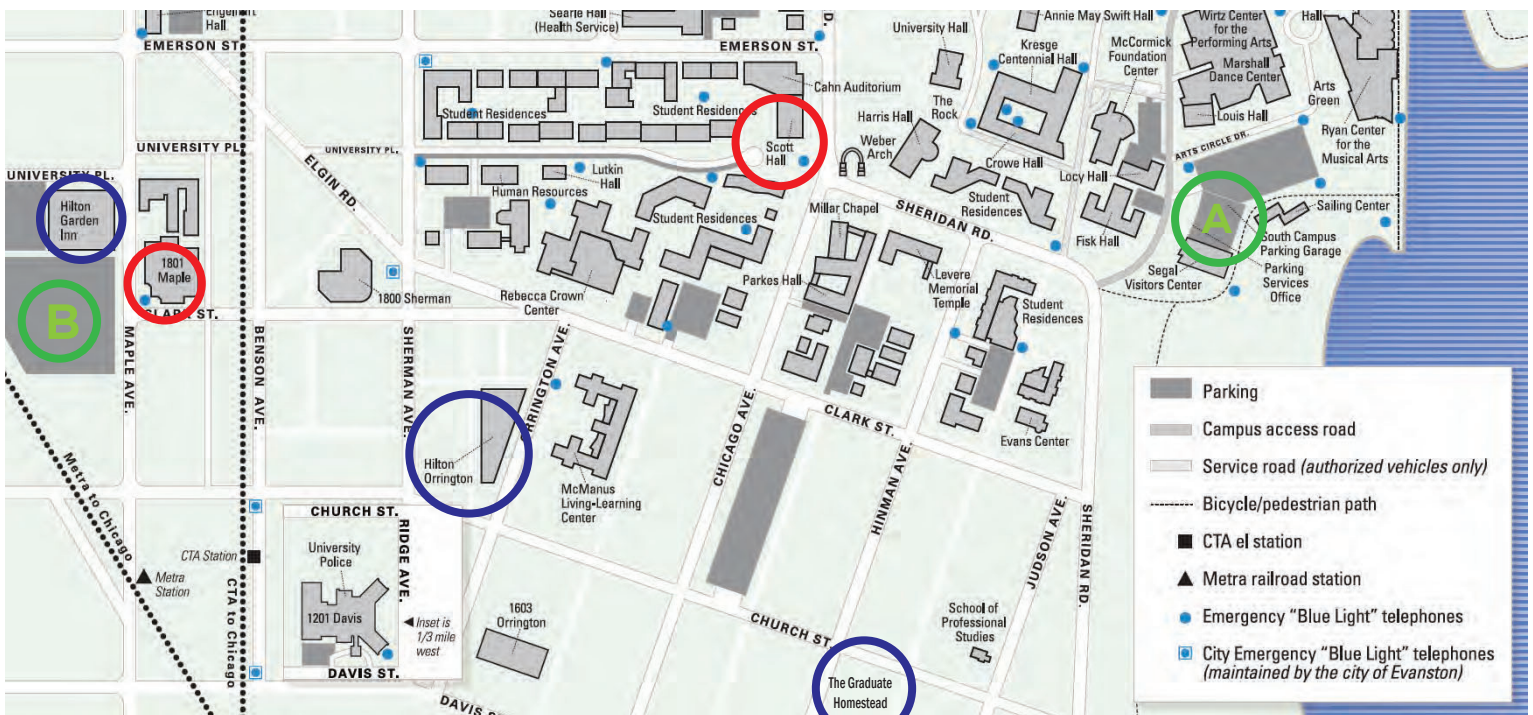
B Evanston Self-Park Garage, 1800 Maple Ave, Evanston
\$18, up to 24 hours

Nearby Hotels

[Hilton Garden Inn](#), 1818 Maple Ave, Evanston

[Hilton Orrington Hotel](#), 1710 Orrington Ave, Evanston

[The Graduate, Homestead](#), 1625 Hinman Ave, Evanston



STARTUP SHOWCASE DETAILS



SYENEX

Prof. Joshua Leonard
Northwestern University

Syenex makes it easier for scientists to make new cell & gene therapies by providing access to best-in-class targeted enveloped delivery vectors from research through commercialization. Our goal is to increase the velocity of new genetic medicines made available for patients in need. A **Northwestern University** spin out, Syenex was incorporated in May 2022, funded by KdT Ventures, IA Ventures, and AlleyCorp, and is based in the Querrey InQbation Lab.

Syntax

Prof. Brad Merrill
University of Illinois, Chicago

Syntax is a seed stage biotech company launched from **University of Illinois Chicago** with a mission to make cell therapies work for people in need of their life-altering and life-saving potential. The company uses the understanding of how individual genes control cell fates, and leverages this understanding with its new CRISPR-Cas9 powered technology to generate preprogrammed DNA instruction sets for cells. Delivery of these DNA instructions into stem cells guides them to morph into therapeutically useful cell types as they change in response to the sequential genetic instructions. The company has been funded and strongly supported by DCVC Bio and Portal Innovations during its rapid build out from a core technology, to a team of fierce scientists, to a company poised for a breakthrough in the cell therapy field.



Prof. Andrew Ferguson
University of Chicago

Evozyne believes in the natural ability of evolution to solve today's most demanding problems. The company's mission is to make novel proteins that can solve longstanding challenges in therapeutics and sustainability. They combine the principles of evolution and deep learning technology to make advanced-functioning novel proteins today that would otherwise take nature millions of years to create. By elevating a protein's performance to unprecedented levels, Evozyne enables commercial-scale solutions that pave the way for new products and new markets while contributing to a healthier, more sustainable world. The company is located in Chicago and recently completed a 30,000 square foot office and lab space at our headquarters in the Lincoln Park neighborhood. Evozyne was founded by faculty at **University of Chicago** and Paragon Biosciences, a top innovator whose mission is to solve complex human and societal challenges by accelerating development of novel therapies and life science breakthroughs. Evozyne is additionally funded by Fidelity Investments and Valor Equity Partners.

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