

2022 KSEA

Science and
Technology
Entrepreneurship
Partners'
Upscale
Program

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Cell & Gene Therapy (CGT)
and Healthcare in the Digital Era

May 23 - 26, 2022

Courtyard by Marriott Edgewater NYC Area
3 Pembroke Pl, Edgewater, NJ 07020

Hosted by KSEA

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Science and Technology Entrepreneurship Partners' Upscale Program (STEP-UP) 2022

Overview

The Korean-American Scientists and Engineers Association ([KSEA](#)) will hold the 3rd Science and Technology Entrepreneurship Partners' Upscale Program (STEP-UP) in New York City from May 23 to 26, 2022. Its mission is to encourage and nurture tech-based entrepreneurial activities among our members, as well as to provide resources and networking opportunities in the fields of Healthcare and their applications. The focus theme for this year is 'Cell and Gene Therapy & Healthcare in the Digital Era,' two industry frontiers that are transforming the future of medicine.

Support for in-person attendees (Current KSEA membership and attendance to the sessions required)

- Airfare up to \$200 or driving mileage (\$0.50/mile) up to \$200
- Hotel accommodation: Four night (Mon, May 23th ~ Thu, May 26th), Shared room (2 people/room)
- Meals: Networking banquet 5/26
- Additional support YG/YP participants (additional \$100 travel support, networking dinner)
- COVID-19 vaccination is required for in-person attendance

Registration

Registration opens: April 22, 2022, Friday

Early Registration Due: May 09, 2022

Registration closed: May 21, 2022

Registration Fees

- Regular Registration: \$250
- Early registration or Entrepreneurship discount: (\$100)
- KSEA member discount:
 - Undergraduate/Graduate Students, Postdocs, and YG/YP members: \$125 (Supported by -KUSCO)
 - Regular Members: \$100
 - Virtual only discount: \$150 for all members

STEP-UP 2022 Committee:


Name	Roles	Affiliation / Title
IL Minn	Chair	KSEA Entrepreneurship Director Assistant Professor, Johns Hopkins Medicine
Jeho Park	Co-Chair, Program US	Director, Quantitative & Computing Lab, Claremont McKenna College
Kevin Kim	Co-Chair, Program Korea	CEO, Brave Turtles President, SoCal K-Group
Kwangrok Kim	Co-Chair, VC	Managing Partner, Primer Sazze Partners
Stella Kim	Co-Chair, YG and Local	Technical Program Manager, Data Service Company
Kate Hyun	Financial Director	Associate Professor, The University of Texas at Arlington
Jennifer Cho	PR Director	Head of Business Development, Millibatt
James Han	Program Director	Postdoctoral Scientist, Harvard Medical School
Mingyu Jeon	Publication Director	Frontend Engineer, eBay
Hyesoo Cho	General Director, Financial Manager	US FDA
Jun-Seok Oh	Advisor	KSEA 48th President
Kyungho Yang	Advisor	KITEE President

In addition to the committee members, KSEA HQ Staff shown in Table 2 supported the event in various aspects including finance and website management.

Table 2: KSEA HQ Supporting Staff

Administration Support	Euna Yoon	KSEA Administrative Manager
Finance Management	Kelly Han	KSEA Finance Manager
Website Management	Katie Park	KSEA IT Manager

STEP-UP Program (Tentative, Time in the US Eastern Time)

May 23, 2022 (Monday)	
Opening (20:00 - 20:55)	<ul style="list-style-type: none"> • Opening Remarks, IL Minn, Ph.D., STEP-UP Chair • Welcoming Remarks, Brian Park, Ph.D., KSEA President • Congratulatory Remarks, Chung, Byung Hwa, Consulate General of the Republic of Korea in New York (tentative) • Keynote Speech: Donghoon Lee, MBA, Executive Vice President, SK Holdings
 Coffee Break (20:55 - 21:00)	
Academic Entrepreneurship (21:00 - 23:55) - A	<ul style="list-style-type: none"> • 21:00 – 21:40: “Where to start to form a business around my academic achievement?”, Janice H. Logan, Ph.D., Partner at Morgan, Lewis & Bockius LLP • 21:40 – 22:20: “Roadman to a successful academic spinoff”, Sung-Soo Lim, Ph.D., CEO, Grepp, Professor, Kookmin University • 22:20 – 23:00: “Tips for Getting Started as a Science Entrepreneur”, Jungeun Kim, M.S., Director of Customer Success, Quotabook
Entering the US Market (21:00 - 23:00) - B	<ul style="list-style-type: none"> • 21:00 – 21:30: “Role of KSEA in supporting Entrepreneurship”, IL Minn, Ph.D., KSEA Entrepreneurship Director • 21:30 – 22:15: “Starting a U.S. Business: from Incorporation to Taxation”, Byoung Jo Kang, Esq. CPA., B.J. Kang Law, PC. • 22:15 – 23:00: “Going Public with a US SPAC”, Tae Heum Jeong, Managing Partner, SV Bio Ventures, LP

May 24, 2022 (Tuesday)	
Tour to the Cure at Park Ave 345 NYC (14:00 – 18:00)	<ul style="list-style-type: none"> • 14:00 – 18:00: Tour the Cure (https://cure.345pas.com/#) at Park Ave 345 NYC
Cell and Gene Therapy (20:00 - 22:00)	<ul style="list-style-type: none"> • 20:00 – 20:30: "Introduction to CGT", Hyun-Bae Jie, CEO & CTO, Levatio Therapeutics • 20:30 – 21:00: "Contract Development and Manufacturing Organization (CDMO) in AGT", Donghoon Lee, MBA, Executive Vice President, SK Holdings • 21:00 – 21:30: "CGT start-ups", TBD • 21:30 – 21:50: Q/A & Panel Discussion

☕ Coffee Break (21:50 - 22:00)	
FDA and Regulatory Strategy (22:00 - 23:00)	<ul style="list-style-type: none"> ● 22:00 – 22:30: “FDA regulation in CGT”, Lei Xu, M.D., Ph.D., Commander USPHS Commissioned Corps, US Food and Drug Administration ● 22:30 – 23:00: “FDA regulation in Healthcare AI/IT”, Sung Park, Attorney, Reed Smith LLP

May 25, 2022 (Wednesday)

Healthcare AI And Digital Health (20:00 - 22:00)	<ul style="list-style-type: none"> ● 20:00 – 20:40: “Concept and landscape of healthcare AI and digital health”, Jangwon Kim, Ph.D., Applied Scientist, Amazon. ● 20:40 – 21:20: “AI in Healthcare: Disease Prediction to Multi-modal Learning”, Edward Yoonjae Choi, Assistant Professor, Kim Jaechul AI Graduate School, KAIST ● 21:20 – 22:00: “Digital health”, Taehyun Hwang, Ph.D., Associate Professor, Mayo Clinic
☕ Coffee Break (22:00 - 22:10)	
Healthcare AI Entrepreneurship (22:10 - 23:00)	<ul style="list-style-type: none"> ● 22:10 – 22:35: “Investment strategy in Healthcare AI Fields”, Yeo Jung Moon, M.D., ● 22:35 – 23:00: “TBD”,

May 26, 2022 (Thursday)

Networking Banquet (18:00 - 20:00)	<ul style="list-style-type: none"> ● Congratulatory Speech, Chung, Byung Hwa, Consul General of the Republic of Korea in New York (tentative) ● Congratulatory Speech and KSEA Announcement, Dr. Young-kee Kim, KSEA President-Elect
Fundraising for Healthcare Startups (20:00 - 21:00)	<ul style="list-style-type: none"> ● 20:00 – 20:20: “Investment landscape in CGT fields”, Noel Jee, Ph.D., Principal, Sofinnoval Investments ● 20:20 – 20:40: “Investment landscape in Healthcare AI/IT fields”, John J. Kim, Principal, Cota Capital ● 20:40 – 21:00: Investor Panel Discussion
Closing (20:00 - 21:00)	<ul style="list-style-type: none"> ● Raffle ● Closing Remarks, IL Minn, Ph.D., STEP-UP Chair
Networking (20:00 - 21:00)	<ul style="list-style-type: none"> ● Networking

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