

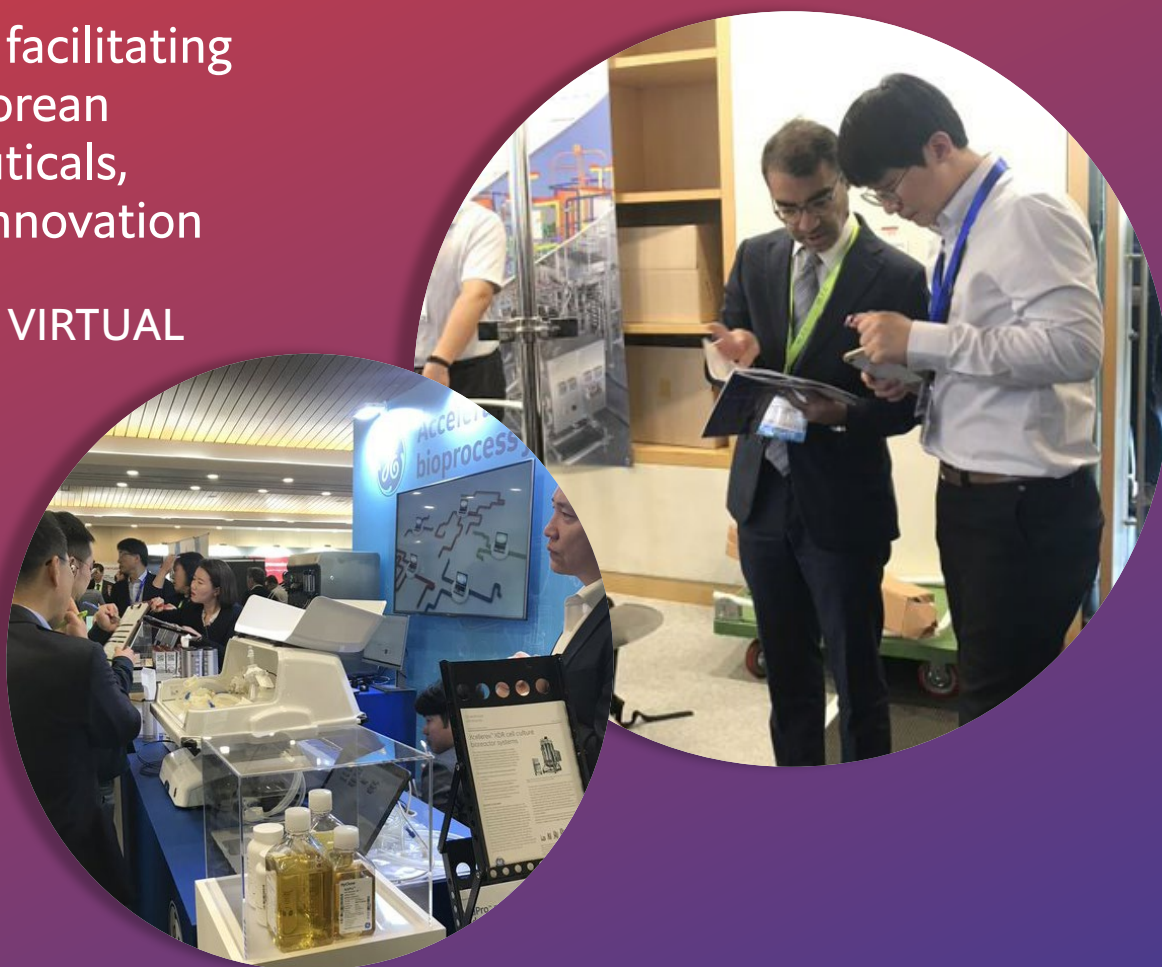
10th Edition

BIOLOGICS
MANUFACTURING
KOREA 2021

10th Annual Biologics Manufacturing Korea

Advancing and facilitating
the future of Korean
bio-pharmaceuticals,
technology & innovation

23rd - 24th June | VIRTUAL



BIOLOGICS MANUFACTURING KOREA 2021 BRINGS YOU

500+
ATTENDEES

Including Bio-Processing,
Bio-Manufacturing, USP, DSP,
Analytical, Quality, and Supply
Management profiles.

150+
ORGANIZATIONS

Korean Biologic & Vaccine
Manufacturing Companies, CMO's
and more!

40+
EXPERT SPEAKERS

Presentations on the latest
developments by International &
Regional Bio-Manufacturing experts.

2+
DAYS OF NETWORKING

During the event and 4 weeks before
and after. Engage in private 1 on 1
chats. *6714 messages exchanged
on the event app in the past edition.

10th Edition

BIOLOGICS
MANUFACTURING
KOREA 2021



BG RHEE

CEO, SCM Lifesciences, Korea

SCM Lifesciences Case Studies
and 3D Bioreactor Technology



SAMSUNG
BIOLOGICS

SAM MACHOUR

Senior Vice President & Chief Quality Officer,
Samsung Biologics, Seoul, Korea

SARS-CoV-2 Vaccine Supply Chain and
Distribution Challenges Worldwide



ANTONIO LEE

CEO & Managing Director,
MEDIPOST America Inc., USA

Case study : Medi-Post



JONGGU KIM

General Manager, Quality Assurance,
GSK Global, Korea

Root Cause Analysis for GMP
Nonconformities (Deviations and SCARs)



DISTINGUISHED PANEL OF SPEAKERS



Keynote Presentation

BG Rhee,
CEO, **SCM Life-Sciences,**
Korea



Keynote Presentation

Sam Machour,
Senior Vice President & Chief
Quality Officer, Executive
Committee Member, **Samsung**
Biologics Seoul, Korea



Keynote Presentation

Antonio Lee,
CEO & Managing Director,
MEDIPOST America Inc., USA



Keynote Presentation

Jonggu Kim,
General Manager,
Quality Assurance,
GSK Global, Korea



Dongil Geum, CDMO
Business Principal
Coordinator, **Hanmi**
Pharmaceutical, Korea



Alois Jungbauer,
Head of Institute of Bioprocess
Science and Engineering
Department of Biotechnology,
University of Natural Resources
and Life Sciences, Austria



Andrew Wong,
Vice President, **Walvax,**
China



Nikolai Petrovsky,
Chairman and Research
Director, **Vaxine Pty Ltd,**
Australia



Dinesh Khokal,
Director, External Affairs, Quality
Administration, Japan Asia Pacific
& Intercontinental LatAm, **Amgen**
Biotechnology, Singapore



Jeonghoon Han, Vice President,
Eutilex, Korea



Xuezhi Bi,
Associate Professor (Adjunct),
DUKE-NUS Medical School

Senior Scientist, Head of
Proteomics, **Analytical Science**
& Technologies



Wei Zhang,
Research Scientist III & DSP Team
Head, **A*STAR, Singapore**



Swapan K Jana,
Director of R&D &
Manufacturing, **Serum Institute**
of India, India



Bonghee Lee,
CEO, **nSage/nGene**
Therapeutics, Korea



Young Hye Hahm, Research &
Development Team / Scientist,
ROPHIBIO, INC., Korea



Sandy Qlintang,
Director, **PT Kalbe,**
Indonesia

3 Reasons why
you should be
at the **Biologics**
Manufacturing
Korea 2021

1

Get insights
focusing on
biologics
manufacturing and
COVID-19 drug
development in the
Korean market.

2

Great opportunity
to connect and
explore partnership
and co-development
opportunities
with key biologics,
and vaccine
manufacturers.

3

Explore bio-
processing
facilities, and
current & future
expansion plans
by CMOs.



Udaykumar Kolkundkar,
VP Technical Operations, **Stempeutics**
Research Pvt Ltd, India



Cleo Kontoravdi, Associate
Professor, **Imperial College**
London, UK



Zoltán Kis, Research Associate,
Imperial College London, UK



Zhiwei Song, Principal Scientist,
Bioprocessing Technology Institute,
A*STAR, Singapore



Raj Shankar Ghosh, Bill & Melinda
Gates Deputy Director,
Vaccine Delivery, India



Shubhadeep Sinha,
Senior Vice-President & Head,
Clinical Development & Medical
Affairs, **Hetero Labs Limited, India**



Jimmy Li,
Senior VP, Head of ADC
Business & MFG3,
Wuxi Apptec, China



Sushant Sahastrabudhe,
Director, Enteric Fever and
Chikungunya, **IVI, Korea**

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ASSOCIATE SPONSOR



EXHIBITORS



For Sponsorship Opportunities, Contact:

Ana Laxamana

Business Development Manager

E: ana.laxamana@imapac.com

T: +65 31090130

Charmaine Poh

Business Development Manager

e: charmaine.poh@imapac.com

P: +65 90095208 | T: +65 31090272

AGENDA AT A GLANCE

DAY 1

Korea's Bioprocessing Industry and Global Expansion Plans

Exhibition Viewing & Networking Break

Upstream Processing Challenges & Best Practices

SARS-CoV-2 Vaccine Distribution Challenges & Best Practices

Lunch Break

Downstream Processing Challenges & Best Practices

SARS-CoV-2 Vaccines Development and Supply chain plan

Exhibition Viewing & Networking Break

Continuous Bio-Manufacturing Case Studies

Korean Biologics Excellence Award - Session 1

DAY 2

Biologics Manufacturing Korea 2021

Korea's Bio-manufacturing Industry in the Post- Pandemic World

Exhibition Viewing & Networking Break

Localized Manufacturing Case Studies for Cellular therapeutics

Lunch Break

Advanced Antibody Therapeutics Development and Manufacturing

Exhibition Viewing & Networking Break

Government Regulatory and Inspection Trend

Korean Biologics Excellence Award - Session 2

For Speaking Contact

Hyunjoo Joey Park

Conference Producer

E: joey.park@imapac.com

T: +65 3109 0124

CONFERENCE DAY 1 - 23 JUNE 2021

Korea's Bioprocessing Industry and Global Expansion Plans		
9:00	Keynote: SCM Lifesciences Case Studies and 3D Bioreactor Technology - Stem cell therapy pipeline and clinical trial status 3D Bioreactor technologies of SCM Lifesciences BG Rhee, CEO, SCM Lifesciences, Korea	
9:30	Reserved for GenScript	
10:00	Keynote: Root Cause Analysis for GMP Nonconformities (Deviations and SCARs) - Regulatory requirements - Investigation tools for root cause analysis - Challenges of root cause analysis Jonggu Kim, General Manager, Quality Assurance, GSK Global, Korea	
10:30	Exhibition Viewing & Networking Break	
	Upstream Processing Challenges & Best Practices	SARS-CoV-2 Vaccine Distribution Challenges & Best Practices
11:00	Reserved for Dr. Paul Lohmann	SARS-CoV-2 Vaccine Development - Sharing pipeline and global clinical trial plans of Walvax - Planning distribution of SARS-CoV-2 vaccine Andrew Wong, Walvax, Vice President, China
11:30	Case Study : Hanmi Pharmaceuticals - Best Practices and Challenges of Contract Development & Manufacturing - Upstreaming technology for high quality biologics - comparability (process improvement and scale-up) Dongil Geum, CDMO Business Principal Coordinator, Hanmi Pharmaceutical, Korea	Integrated Design of SARS-CoV-2 Vaccine Manufacturing, Supply Chain and Administration Strategies Zoltán Kis, Research Associate, Imperial College London, UK
12:00	Attenuated Glutamine Synthetase as Selection Marker in CHO Cells to Efficiently Isolate Highly Productive Stable Cell Lines Zhiwei Song, Principal Scientist, Bioprocessing Technology Institute, A*STAR, Singapore	Case study of vaccine product development and global partnership establishment - Typhoid Conjugate Vaccine - Product Development Partnership Model - Lessons learnt - Sushant Sahastrabudhe, Director, Enteric Fever and Chikungunya, IVI, Korea
12:30		Impact of a Pandemic on Vaccine Manufacturing and Approval Alan Liss, Founder, GXP farma, LLC, Consulting and Mentoring, USA
12:30	Lunch Break	

	Downstream Processing Challenges & Best Practices	SARS-CoV-2 Vaccines Development and Supply Chain Plan
13:30	Smart Downstream Process For Cost Optimization - Speeding up process development and continuous operation - Long term benefits and strategies for optimizing cost	Covid-19 Vaccine Development Plan and Supply Chain Management Challenges in Global Market - COVID-19 vaccines, how soon, how much, how effective? - Clinical trial plan and challenges of supply chain Nikolai Petrovsky, <i>Chairman and Research Director, Vaxine Pty Ltd, Australia</i>
14:00	Technology Presentation	Innovations in Vaccine Delivery in India Raj Shankar Ghosh, <i>Bill & Melinda Gates Deputy Director, Vaccine Delivery, India</i>
14:30	Residence Time Modelling of Continuous Integration Biomanufacturing Processes - Addresses the draft guide of FDA on ‘Quality Considerations for Continuous Manufacturing’ which advises that residence time modelling of a process is required - This report provides information on quality considerations for continuous manufacturing of small molecule, solid oral drug products regulated by CDER - Scientific principles described in this draft is applicable to continuous manufacturing technologies used for these drugs Alois Jungbauer, <i>Head of Institute of Bioprocess Science and Engineering Department of Biotechnology, University of Natural Resources and Life Sciences, Austria</i>	Vaccine Development & its Manufacturing using Integrated High Throughput Technology Swapan K Jana, <i>Director of R&D & Manufacturing, Serum Institute of India, India</i>
15:00	Exhibition Viewing & Networking Break	
	Continuous Bio-Manufacturing Case Studies	
15:30	Exosome Quality Attributes Characterization by MS Xuezhi Bi, <i>Adjunct Associate Professor, Office of Research at Duke-NUS, Singapore</i>	
16:00	Reserved for Pall	
16:30	Biologics in Oncology and Rheumatology - Lessons from the past and Visions for the Future - Operational challenges of Biologics products - Discussing opportunities, technical needs for the future Shubhadeep Sinha, <i>Senior Vice-President & Head, Clinical Development & Medical Affairs, Hetero Labs Limited, India</i>	
Korean Biologics Excellence Awards - Session 2		

CONFERENCE DAY 2 - 24TH JUNE 2021

Korea's Bio-manufacturing Industry in the Post-Pandemic World	
9:00	Keynote : SARS-CoV-2 Vaccine Supply Chain and Distribution Challenges Worldwide Sam Machour , <i>Senior Vice President & Chief Quality Officer, Executive Committee Member, Samsung Biologics, Seoul, Korea</i>
9:30	Keynote : Case Study : Medi-Post Antonio Lee , <i>CEO & Managing Director, MEDIPOST America Inc., USA</i>
10:00	Rophibio : Future Bioplant Plan Young Hye Hahm , <i>Research & Development Team / Scientist, ROPHIBIO, INC., Korea</i>
10:30	Exhibition Viewing & Networking Break
Localized Manufacturing case studies for Cellular therapeutics	
11:00	Introduction of Eutilex Tcell Therapies : 4-1BB Based Autologous T Cell Therapy and CAR-T Development in HCC and B Cell Malignancies - Eutilex Ab therapy (2 pipelines) - Eutilex T cell Therapy and Eutilex CAR-T therapy Jeonghoon Han , <i>Vice President, Eutilex, Korea</i>
11:30	Homogenous Manufacturing of CRISPR-Edited Stem Cells Bonghee Lee , <i>CEO, nSAGE Inc, Korea</i>
12:00	Challenges in Large Scale Manufacturing of Cell Therapy Product Udaykumar Kolkundkar , <i>VP Technical Operations, Stempeutics Research Pvt Ltd, India</i>
12:30	Lunch Break
Advanced Antibody therapeutics Development and Manufacturing	
13:30	Combating Antibiotic Resistance, A Global Threat Ross O Youngs , <i>Founder and CEO, Biosortia Pharmaceuticals, USA</i>
14:00	Case Study : Antibody Drug Conjugate (ADC) Process Development and Manufacturing - Process development of a continuous precipitation and filtration unit operation for the capture of biologics - Case studies conducted by Wuxi Biologics Jimmy Li , <i>Senior Vice President, Wuxi Apptec, China</i>
14:30	End-to-End Digital Twins of Antibody Manufacture Cleo Kontoravdi , <i>Associate Professor, Imperial College London, UK</i>

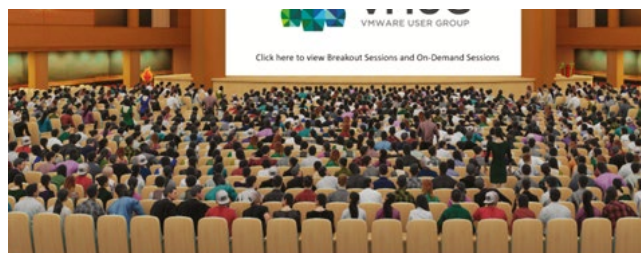
15:00	Exhibition Viewing & Networking Break
	Government Regulatory and Inspection Trend
15:30	Korea Government Affairs and Policy
16:00	Regulatory and GMP/GDP Inspection Trends • - Global GMP/ GDP inspection trends • - Data integrity challenges • - Deficiency examples • - Global harmonization efforts • Dinesh Khokal, <i>Director, External Affairs, Quality Administration, Japan Asia Pacific & Intercontinental LatAm, Amgen Biotechnology, Singapore</i>
	Korean Biologics Excellence Awards - Session 2

EXPLORE OUR NEW VIRTUAL ECOSYSTEM



THE LOBBY

Virtual Event space designed to give immerse feel to attendees as if they are actually attending conference



THE AUDITORIUM

Virtual Auditorium where is the agenda will be hosted (pre-recorded and live presentations)



EXHIBIT HALL

Exhibit Hall where Exhibitors can engage with the conference attendees on their designed virtual booths



BOOTHS

Networking Lounge- where all attendees can interact via group chat and 1:1 private chat via text, audio and video conversations.



HELPDESK

Technical Help Desk available through live chat, call or email for technical and trouble shooting related concerns available to all attendees



LEARNING ZONE

Info Center to connect with organizer for any queries or concerns regarding the event

Explore endless opportunities with our app.
Check out our latest app statistics!



8000+

Attendee interactions facilitated in private 1 on 1 message across 4 events so far



1000+

e-Business cards exchanged



500+

Virtual meet-ups created and attended by our virtual event participants



100+

Private meetings created among participants



100+

Private group chats created

BIOLOGICS MANUFACTURING KOREA 2021 IS GOING VIRTUAL

CAN I INTERACT WITH THE SPEAKERS DURING THEIR SESSION?

On our virtual event platform, you can easily set up questions which the presenters are able to quickly access, in real time. Each presenter is allocated a 15-minute Q&A session, as well. In addition to this, you can also set-up meetings, exchange personal messages, and even create closed discussion groups with the speakers!



HOW DO PARTICIPANTS ENGAGE IN NETWORKING ACTIVITIES?

The virtual event platform allows interaction with anyone attending through Virtual Meetups at your own convenient time. Additionally, all speakers will be present to network before and after their sessions to answer questions and interact with the exhibitors. Live Panel discussions and roundtables have been put in place to increase engagement throughout the event. The platform also allows more ways to engage before, during and after the conference through live polls, custom discussion topics, and 1-1 meetings which you can schedule. Kindly view the Virtual Conference guide for more details!



WILL ATTENDANCE AT VIRTUAL CONFERENCES BE GREATLY IMPACTED?

To ensure participation, we are maintaining the same level of quality of content and discussions for our participants. IMAPAC is putting together a line-up of 40+ speakers to provide a thought-provoking experience and expects an attendance of 500+ participants for the 2021 conference as well! For the 2021 event to provide a thought-provoking experience for our participants.

WHICH PLATFORM WILL I ACCESS THE EVENT ON?

The event link will be embedded on our virtual event platform, ensuring networking and learning is taken care of through one platform. The platform can be accessed either on your desktop or on your phone.



Registration Form

	LIMITED SPECIAL EXPIRY 11TH APRIL	EARLY BIRD EXPIRY 23RD MAY	STANDARD RATES
Single-User License	SGD 1500	SGD 2095	SGD 3095

- **End User Company Profiles:** Asian and International Biopharmas, BIG Pharmas, Academic & Research Institutes, Government/Regulators, and Non-profit Organizations
- **Solution Provider Profiles:** Service/Technology Providers, Consulting Companies, CROs, CMOs, Logistics Providers
- **INNER CIRCLE:** If you have a written referral from one of our speakers, you are entitled 15% discount off the rate that is applicable to you. To qualify, please ask the speaker to drop us an email rima.karan@imapac.com

YOUR DETAILS

Name _____
 Job Title _____ Organization _____
 Address _____
 Postcode _____ Country _____
 Tel _____ Fax _____
 Email _____
 Your primary business _____
 Authorising Manager _____ Authorising manager signature _____
 By signing and returning this form, you are accepting our terms and conditions.

PAYMENT DETAILS

Payment is due immediately upon receipt of this registration form if you pay by credit card or 3 working days after your receipt of payment notification. Non-credit card payment will incur an additional US\$100 (Bank handling fee)

I want to pay ☐ Credit Card ☐ Non-credit card and add US\$100 bank handling fee

Online credit card payment:

Please register at: <https://www.eventbrite.com/e/10th-annual-biologics-manufacturing-korea-2021-non-singapore-companies-tickets-132759594521>

Offline credit card payment:

☐ Visa ☐ MasterCard ☐ American Express

Name on Card _____ Card Number _____
 Expiry Date (MM/YY) _____ CVC Code _____ Signature _____

☐ Bank transfer: Payment by bank transfer must quote delegate name and conference name.

For bank details & swift code, it will be emailed to you as part of the invoice.

☐ Cheque payment: Crossed cheque payable to IMAPAC Pte Ltd, and mail it in a sealed envelope to IMAPAC Pte Ltd, 133 Cecil Street, #05-02A Keck Seng Tower, Singapore 069535

TERMS & CONDITIONS:

- Full payment is due upon registration if you pay by credit card, or 3 working days after receipt of invoice.
- Registration will not be confirmed until full payment has been received.
- Unpaid registration will be billed 50% of the registration fee if you do not attend the event. A copy of the conference documentation will be mailed to you.
- The registration fee includes refreshments, lunches, cocktails and full conference documentation. The conference fee does not include hotel accommodation.
- Staff at the event will request a credit card guarantee for delegates without proof of payment.

CANCELLATION & SUBSTITUTION POLICY:

- Cancellations must be received in writing. If the cancellation is received more than 14 days before the conference attendees will receive a full credit note to a future conference. Cancellations received 14 days or less (including the fourteenth day) prior to the conference will be liable for the full fee.
- A substitution from the same organisation can be made at any time in writing at no extra charge.
- If the event that IMAPAC cancels a conference, payments received at the cancellation date will be credited towards attendance at a future conference or in the event of postponement by IMAPAC, towards the rescheduled date.
- Credit notes remain valid for twelve months.

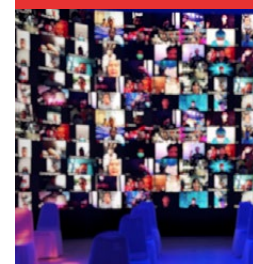
CHANGES TO CONFERENCE & AGENDA:

IMAPAC reserves the right to postpone or cancel an event, to change the location or alter the advertised speakers for an event. IMAPAC is not responsible for any loss or damage as a result of substitution, alteration, postponement or cancellation of an event due to causes beyond its control including without limitation, acts of God, natural disasters, sabotage, accident, trade or industrial disputes, terrorism or hostilities.

In the event that a conference is cancelled, IMAPAC is not liable for any costs incurred by delegates in connection with their attendance. Control to alter the content and timing of the programme, venue or the identity of the speakers without any liability to the delegates. Changes to the agenda will be updated on our website as soon as possible.

DATA PROTECTION: The personal information shown and/or provided by you will be held in a database. It may be used to keep you up to date with developments in your industry. Sometimes your details may be obtained or made available to reputable third parties for marketing purposes. If you do not wish your details to be used for this purpose, please write to: data@imapac.com.

EVENT VENUE



23 - 24 June
Virtual Conference

4 Easy Ways to Register:

Online

To book online, visit:

W: https://www.imapac.com/en/business_conferences/biologics-manufacturing-korea-conference/#register

Telephone

To register over the phone, please call us on

+65 3109 0124

Mail

By cheque made payable to:

IMAPAC PTE. LTD.

Send with this booking form to:

IMAPAC PTE. LTD.
133 Cecil Street, #05-02A Keck Seng Tower, Singapore 069535

Group Booking

Send your team & save more!

3 delegates

SAVE 10%

5 delegates

SAVE 20%

Call **+65 3109 0127**

2021 CALENDAR OF EVENTS

FEBRUARY



2 - 4 February 2021 | Virtual



2 - 4 February 2021 | Virtual

MARCH



16 - 17 March 2021 | Virtual



16 - 17 March 2021 | Virtual



16 - 17 March 2021 | Virtual

MAY



19 - 20 May 2021 | Virtual

JUNE



23 - 24 June 2021 | Virtual

AUGUST



24 - 26 Aug 2021 | Virtual

SEPTEMBER



14 - 16 September 2021 | Virtual

OCTOBER



27 - 28 October 2021 | Virtual



26 - 28 October 2021 | Virtual

NOVEMBER



9 - 11 November 2021 | Virtual

CONTACT US

SPONSORSHIP & EXHIBITION



Ana Laxamana

Conference Producer
Business Development Manager
T: +65 31090130
E: ana.laxamana@imapac.com

SPONSORSHIP & EXHIBITION



Charmaine Poh

Business Development Manager
M: +65 90095208
E: charmaine.poh@imapac.com

SPEAKING OPPORTUNITIES



Hyunjoo Joey Park

Conference Producer
T: +65 3109 0124
E: joey.park@imapac.com

REGISTRATION & MARKETING



Rima Karan

Marketing Executive
T: +65 8742 7502
E: rima.karan@imapac.com

GENERAL MANAGER



Sumukhi Sreevatsan

General Manager
T: +65 3109 0126
Email: sumukhi.sreevatsan@imapac.com



133 Cecil Street, #05-02,
Keck Seng Tower,
Singapore 069535

7912 Makati Ave, Makati,
Metro Manila, Philippines



+65 3109 0121
+65 6722 0649



info@imapac.com



www.imapac.com



rima.karan@imapac.com
T: +65 3109 0124

[REGISTER](#)