

# ODC24

## Information Package

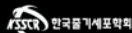


The Next Normal : Living with Organoids

Organizer



VOSDISCOVERY



Sponsors



## Greetings

안녕하십니까?

Organoid Developer Conference Committee입니다.

오가노이드의 활용성과 관련한 연구를 널리 알리기 위해 2018년부터 오가노이드 사이언스는 매해 오가노이드 심포지엄을 주최해왔습니다. 많은 분들께서 함께하고 적극적으로 도와주신 덕에, 올해 ODC23에서는 글로벌 컨퍼런스로 한 단계 성장하였습니다. 국내는 물론 해외의 오가노이드 전문가들이 연자로 발표하며, 연구자, 기업, 정부기관 등 700명 이상이 참석해 주셨고, 22개 후원사들이 함께하여 더욱 커진 규모로 성황리에 치러져 이제는 국내외를 대표하는 오가노이드 심포지엄이 되었습니다.

2024년 4월 25일, 차바이오텍플렉스에서 개최되는 ODC24 'The Next Normal : Living With Organoids'는 새롭게 조직된 ODC 위원회가 행사를 운영하여 한 단계 더 확장된 글로벌 이벤트로 여러분을 만납니다. 베트남 동시 개최로 총 1,200명 이상이 참석할 것으로 예상하고 있으며, 2023년 국가첨단전략기술 채택, 동물대체 시험법 강화 등으로 더욱 많은 관심 속에 역대 최대 행사가 될 것으로 기대됩니다. 행사 구성은 학문적 영역에 머무르지 않고 오가노이드의 상용화 사례, 바이오텍 IR, 유관 분야와의 융합 등 다양한 측면으로 확장됩니다.

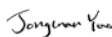
베트남 Vinmec International Hospital에서도 홍보가 진행되는 등 다양한 프로그램을 제공하여 한국 700명, 베트남 300명 이상의 연구자와 200명 이상의 유관기관 및 산업계 인사 등이 참석할 것으로 예상되는 국제적인 행사입니다.

오가노이드 분야의 지속적인 발전과 이를 통한 국내 바이오 업계의 건전한 생태계 구축을 위해 ODC24 'The Next Normal : Living With Organoids'에 큰 관심과 참여를 부탁드립니다.

감사합니다.

2023년 12월 1일

ODC24 Organizing Committee



Jongman Yoo <sup>MD, PhD</sup>  
ODC committee, Chair  
ORGANOIDS SCIENCES, CEO



Xuan-Hung Nguyen <sup>MD</sup>  
Vinmec International Hospital  
Director of Hi-Tech Center



Woojong Son  
VOS Discovery  
CEO



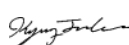
Mi-Young Son <sup>MD</sup>  
Korea Research Institute of Bioscience and Biotechnology  
Director



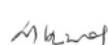
André Gerth <sup>MD</sup>  
Lambda Biologics  
CEO



Dong-Ho Choi <sup>MD, PhD</sup>  
Korean Society for Stem Cell Research  
Chair



Kyung Jin Lee <sup>MD</sup>  
ORGANOIDS SCIENCES  
CTO

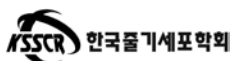


Borami Seo  
Humane Society International Korea  
Director of Government Affairs

## About

일시	2024년 4월 25일
장소	Multi-site Conference <ul style="list-style-type: none"> <li>경기도 판교, 차바이오텍플렉스 국제회의실 현장 발표 및 오디오리움 생중계</li> <li>베트남 하노이, Vinmec International Hospital</li> </ul> 한국-베트남 이원 생중계로 해외 홍보가 함께 진행됩니다.
주최	ODC24 Organizing Committee
주관	ORGANOIDSCIENCES Vinmec International Hospital VOS DISCOVERY Lambda Biologics Korean Society for Stem Cell Research Humane Society International Korea
주제	The Next Normal : Living with Organoids
사전 접수 / 참여 이벤트	QR코드 설문지 단일 운영 및 집계 / 예정
메인 타겟	국내/외 신약개발 담당자 (VIP급), 산/학/연/병 오가노이드 수요자
연자	국내/외 오가노이드 전문가 15인 내외
예상 참석 수 (한국)	약 700명 (VIP 급 100여 명)
공식 사이트	odc.co.kr <a href="#">CLICK</a>

## ODC24 Organizing Committee






## History

<b>2018</b>	<p><b>주제</b> The 1st Organoid Practice and Application 오가노이드의 실제와 응용</p> <hr/> <p><b>주관</b> Organoid Research Center of CHA University, Basic Medical Research Center, ORGANOIDSCIENCES</p> <p><b>후원</b> CHA Advanced Research Institute</p>
<b>2019</b>	<p><b>주제</b> The 2nd New Frontiers in Organoid</p> <hr/> <p><b>주관</b> Organoid Research Center of CHA University, Organoid Center of CHA Advanced Research Institute, ORGANOIDSCIENCES</p> <p><b>후원</b> Molecular Devices, Xcell Therapeutics, Korean Organoid Society, Leica, KOMA Biotech, PRE CARE GENE, Peprotech, ThermoFisher Scientific, BMS</p>
<b>2020</b>	The Conference was postponed due to the COVID-19 Pandemic
<b>2021</b> <small>ONLINE</small>	<p><b>주제</b> The 4th Beyond Organoids</p> <hr/> <p><b>주관</b> Organoid Research Center of CHA University, Korea Research Institute of Chemical Technology, Ministry of Trade, Industry and Energy, 3D Biological Tissue Platform Project Group</p> <p><b>후원</b> ChemOn Inc, QuBEST BIO, Xcell therapeutics, Shin Poong Pharmaceutical</p>
<b>2022</b>	<p><b>주제</b> The 5th Organoids Meet Spatial Biology; Breakthrough to Get Closer to Clinical Truth</p> <hr/> <p><b>주관</b> Organoid Research Center of CHA University, Korea Research Institute of Chemical Technology, Ministry of Trade, Industry and Energy, 3D Biological Tissue Platform Project Group</p> <p><b>후원</b> ThermoFisher Scientific, Peprotech, BMS, Young sciences inc, BIO STORY, ZEISS, AMPK, DAEIL Science</p>
<b>2023</b>	<p><b>주제</b> The 6th The New Era of Science, ORGANOID. 과학의 새로운 시대, 오가노이드.</p> <hr/> <p><b>주관</b> ORGANOIDSCIENCES, Organoid Research Center of CHA University, Korea Research Institute of Chemical Technology, 3D Biological Tissue Platform Project Group</p> <p><b>후원</b> ThermoFisher Scientific, Peprotech, Akoya Biosciences, BMS, CHA BIO GROUP, REBUS BIOSYSTEMS, Tomocube, AMPK, Sulim Science, Rhino Bio, Inc., BIO STORY, JA BIO, Beckman Coulter, Cell Smith, KSSCR, Young sciences inc, WOONGBEE MeDiTech, Inc., STEM-CELLBANKER EX, APBRF, DAEIL TECH, SeongNam Industry Promotion Agency, SCINCO, REVODIX, CORESTEM CHEMON, LEEHYO, DONGIL BIOTECH, ALT</p>



## Hosted Global Conferences

	<p>ORGANOID DEVELOPER CONFERENCE</p> <h3>ODC 2023</h3> <p>THE NEW ERA OF SCIENCE, ORGANOID 03.29 PANGYO, KOREA</p> <table> <tr> <td><b>Conference</b></td><td>ODC 2023</td></tr> <tr> <td><b>Date</b></td><td>March, 29, 2023</td></tr> <tr> <td><b>Attendees</b></td><td>700+</td></tr> <tr> <td><b>Executives</b></td><td>41%</td></tr> <tr> <td><b>Sponsors</b></td><td>22</td></tr> <tr> <td><b>Video</b></td><td><a href="#">CLICK</a></td></tr> </table>	<b>Conference</b>	ODC 2023	<b>Date</b>	March, 29, 2023	<b>Attendees</b>	700+	<b>Executives</b>	41%	<b>Sponsors</b>	22	<b>Video</b>	<a href="#">CLICK</a>
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<b>Video</b>	<a href="#">CLICK</a>												
	<h3>APAC SPATIAL BIOLOGY SYMPOSIUM 2023 IN KOREA</h3> <p>Spatial Omics for the next revolution</p> <table> <tr> <td><b>Conference</b></td><td>APAC SPATIAL BIOLOGY SYMPOSIUM 2023 IN KOREA</td></tr> <tr> <td><b>Date</b></td><td>November, 14, 2023</td></tr> <tr> <td><b>Attendees</b></td><td>200+</td></tr> <tr> <td><b>Host</b></td><td>ORGANOIDSCIENCES</td></tr> <tr> <td></td><td>AKOYA Biosciences, BMS</td></tr> <tr> <td><b>Sponsors</b></td><td>8</td></tr> </table>	<b>Conference</b>	APAC SPATIAL BIOLOGY SYMPOSIUM 2023 IN KOREA	<b>Date</b>	November, 14, 2023	<b>Attendees</b>	200+	<b>Host</b>	ORGANOIDSCIENCES		AKOYA Biosciences, BMS	<b>Sponsors</b>	8
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	<h3>KOREA-VIETNAM BIOHEALTH NETWORKING DAY</h3> <p>2023.11.20   CHA BIO COMPLEX</p> <table> <tr> <td><b>Conference</b></td><td>KOREA-VIETNAM BIOHEALTH NETWORKING DAY</td></tr> <tr> <td><b>Date</b></td><td>November, 20, 2023</td></tr> <tr> <td><b>Attendees</b></td><td>70+</td></tr> <tr> <td><b>Executives</b></td><td>50%</td></tr> <tr> <td><b>Participants</b></td><td>CHA Bio Group, Vinmec International Hospital, XCELL Therapeutics, JW Pharmaceutical, VAST, HCM-IU, BC HCMC, and more</td></tr> </table>	<b>Conference</b>	KOREA-VIETNAM BIOHEALTH NETWORKING DAY	<b>Date</b>	November, 20, 2023	<b>Attendees</b>	70+	<b>Executives</b>	50%	<b>Participants</b>	CHA Bio Group, Vinmec International Hospital, XCELL Therapeutics, JW Pharmaceutical, VAST, HCM-IU, BC HCMC, and more		
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## [KR] Program

Time	Sessions	Program
09:30	01	<b>Organoids Unleashed : Closer to Artificial Organs</b> This session will specifically focus on the application of organoids in regenerative medicine and potentially in artificial organs. It will delve into how organoid technology is creating new possibilities in these areas, particularly in organ repair and replacement. The session will discuss the latest advancements in developing complex organoid structures, address ethical considerations, and explore how commercialization might help solve organ shortages.
		<div> <div>[Chair] Inbo Han CHA University, CHA Bundang Medical Center, Neurosurgery</div> <div>Robert Coppes, University Medical Center Groningen Ryuichi Okamoto, Tokyo Medical and Dental University Xiling Shen, Terasaki Institute Kyungjin Lee, ORGANOIDSCIENCES</div> </div>
11:20	02	<b>Unveiling the Future of Science : Innovation Tech</b> In this session, we will delve into the unexpected and groundbreaking uses of organoids, sparking curiosity and amazement. The aim is to challenge perceptions and expand the audience's understanding of what organoids can do. This will include discussions on the most surprising and innovative applications of organoids in various fields of science and technology, showcasing their versatility beyond traditional expectations.
		<div> <div>[Chair] Bon-Kyoung Koo Institute for Basic Science</div> <div>Ramanuj DasGupta, Genome Institute of Singapore, A*STAR Jun Wu, UT Southwestern, Department of Molecular Biology Lena Smirnova, Johns Hopkins University YongKeun (Paul) Park, Tomocube, Inc. Kunyoo Shin, Seoul National University</div> </div>
14:20	03	<b>Respecting Life : Animal-free Solution</b> In this session, we examine the efforts to replace the use of animals and animal-derived ingredients in our surroundings. We will explore topics such as cultured meat/alternative protein in the food industry, as well as efforts to replace animal testing in fields such as cosmetics, chemicals, and pharmaceuticals.
		<div> <div>[Chair] Il-Ung Oh Ministry of Food and Drug Safety</div> <div>Borami Seo, Humane Society International/Korea Won-Jeoung Park, Lush Korea Sudeep Joshi, The Francis Crick Institute and King's College, London Sanghee Park, Chemtopia Co., Ltd Hyo-Jung Yoon, Food &amp; Nutrition Technology Business Unit, CJ CheilJedang André Gerth, Lambda Biologics GmbH</div> </div>
15:50	04	<b>From Lab to Life : Real-World Innovations</b> This session will concentrate on real-world examples where organoids have been successfully utilized in development and research. It will cover case studies demonstrating the practical application of organoids in drug testing, disease modeling, and personalized medicine. The focus will be on showcasing how organoids have bridged the gap between laboratory research and tangible, impactful solutions in various domains of healthcare and scientific research.
		<div> <div>[Chair] Mi-Young Son Korea Research Institute of Bioscience and Biotechnology, KRIBB</div> <div>Seoyeon Kyung, COSMAX BTI Yong Kyun Kim, Catholic University of Korea, College of Medicine Hyang-Ae Lee, Korea Institute of Toxicology Brett J. Kagan, Cortical Labs Siyoung Lee, Geninus, Inc. HongSeok Choi, Abion Inc. Jongsuk Chung, Gencurix Inc. Hyung Joon PARK, Grassmedi</div> </div>

## [KR] Speaker



**Robert Coppes**  
University Medical  
Center Groningen



**Ryuichi Okamoto**  
Tokyo Medical and Dental  
University (TMDU)



**Xiling Shen**  
Terasaki Institute



**Kyungjin Lee**  
ORGANOIDSCIENCES



**Ramanuj DasGupta**  
Genome Institute of  
Singapore/A\*STAR



**Jun Wu**  
UT Southwestern,  
Department of  
Molecular Biology



**Lena Smirnova**  
Johns Hopkins University

ONLINE



**Brett J. Kagan**  
Cortical Labs

ONLINE



**YongKeun Park**  
Tomocube, Inc.



**Kuno Shin**  
Seoul National University



**André Gerth**  
Lambda Biologics GmbH



**Sudeep Joshi**  
The Francis Crick Institute  
and King's College, London



**Borami Seo**  
Humane Society  
International/Korea



**Wonjung Park**  
Lush Korea



**Hyojung Yoon**  
CJ CheilJedang



**Yong Kyun Kim**  
Catholic University  
of Korea, College of  
Medicine

## [KR] Speaker



**Sanghee Park**  
Chemtopia Co., Ltd



**Seoyeon Kyung**  
COSMAX BTI



**Hyang-Ae Lee**  
Korea Institute of  
Toxicology



**Siyoung Lee**  
Geninus, Inc.



**HongSeok Choi**  
Abion Inc.



**Jongsuk Chung**  
Gencurix Inc.



**Hyung Joon PARK**  
Grassmedi

## [KR] Chair



**Inbo Han**  
CHA University, CHA Bundang  
Medical Center, Neurosurgery



**Bon-Kyoung Koo**  
Institute for Basic  
Science



**Il-Woong Oh**  
Ministry of Food and  
Drug Safety



**Mi-Young Son**  
Korea Research Institute  
of Bioscience and  
Biotechnology, KRIBB



## [KR] Congratulatory Message



**Kwang-Yul Cha**  
CHA Global Research  
Institutes



**Kwan Young Kim**  
Governor of  
Jeonbuk State



**Dong-ho Choi**  
Korean Society for  
Stem Cell Research

ONLINE



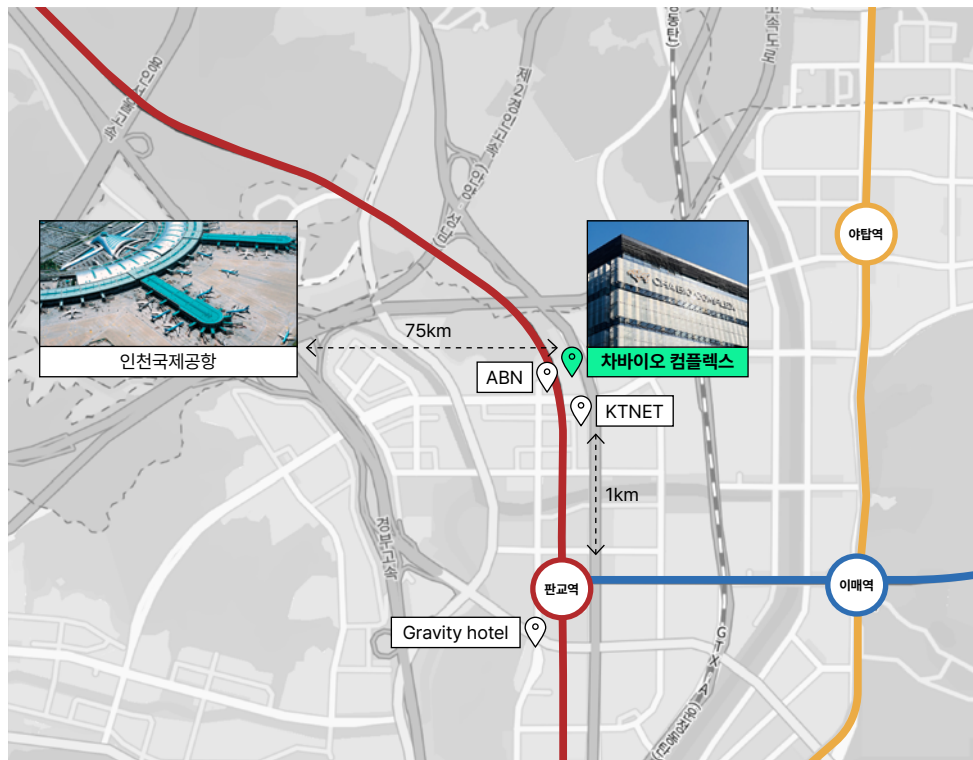
**In Soon Nam**  
Democratic Party of  
Korea



**Jeoung-ae Han**  
Democratic Party of  
Korea

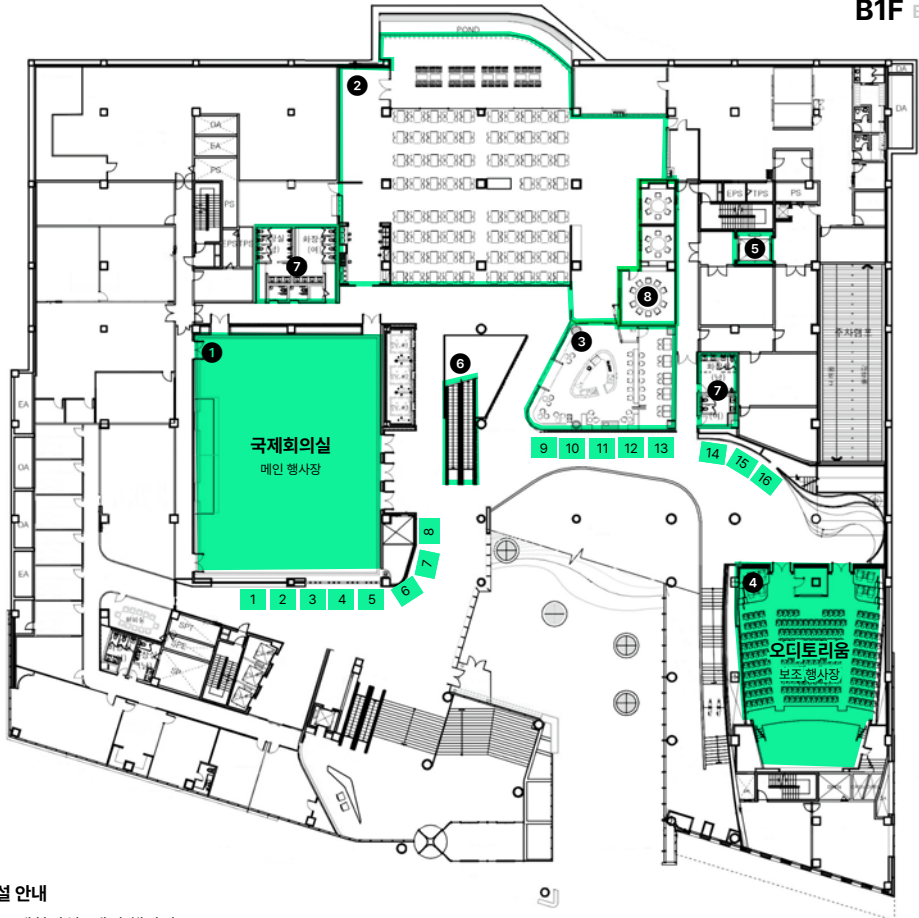
## [KR] Venue

경기 성남시 분당구 판교로 335 차바이오컴플렉스, 국제회의실, B1



## [KR] Venue

B1F B2F



### 시설 안내

- ❶ 국제회의실 (메인 행사장)
- ❷ 식당
- ❸ 카페테리아
- ❹ 오디토리움 (보조 행사장)
- ❺ E/V (화물용)
- ❻ E/V (2F ↔ B1F)
- ❼ 화장실
- ❽ 프리뷰룸



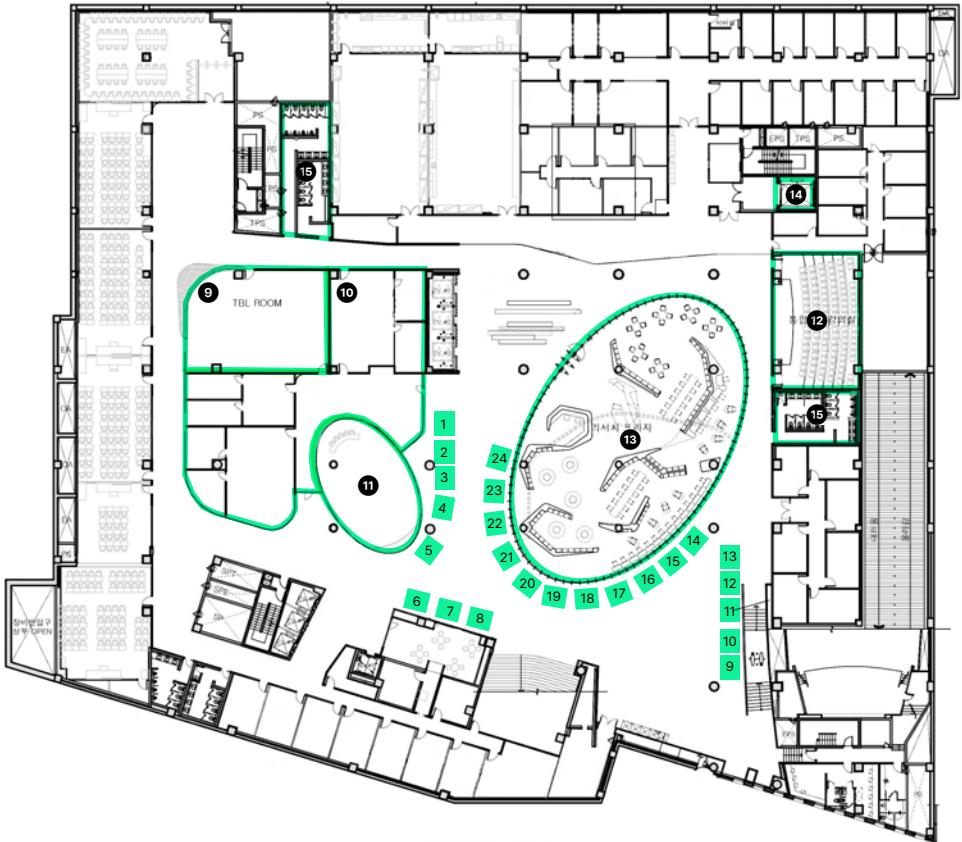
국제회의실



오디토리움

## [KR] Venue

B1F B2F



### 시설 안내

- TBL룸
- 대학원행정실
- B217 강의실
- B230 강의실
- 리서치프라자
- E/V (화물용)
- 화장실

## [VN] Program

Time	Sessions	Program
09:00	01	<b>Organoid-based Technologies: Application across diverse research areas</b> In this session we will specifically focus on the application of organoids across various research projects. We will delve into how organoid technologies are creating new possibilities, particularly in drug evaluation. The session will discuss the latest advancements in using organoids for advanced research.
Location Auditorium-1/2	[Chair] Xuan-Hung Nguyen Director, Hi-Tech Center(HTC), Vinmec	Bo Eun Lee, VOS Discovery Somponnat Sampattavanich, Siriraj Hospital, Mahidol University Tran Ngoc Quyen, VAST_INSTITUTE OF APPLIED MATERIALS SCIENCE
11:00	02	<b>Research Collaboration: Share and discuss the latest advancements in research</b> In this session, we will focus on the research & development of each institute and their current stage of development. The goal is to challenge perceptions and broaden the audience's understanding of diverse research. This will involve discussions on the most innovative scientific approaches across various fields of science and technology.
Location Auditorium-1/2	[Chair] Somponnat Sampattavanich Siriraj Hospital, Mahidol University	Quoc-Viet Le, Ton Duc Thang University Punng Augornworawat, Siriraj Hospital, Mahidol University Vu Minh Thiet, Nguyen Tat Thanh University Xuan-Hung Nguyen, Hi-Tech Center of Vinmec
13:50	03	Location Auditorium-2 Poster session Oral presentation of the poster session
		<b>Organoids Unleashed : Closer to Artificial Organs</b> <small>ONLINE</small> This session will specifically focus on the application of organoids in regenerative medicine and potentially in artificial organs. It will delve into how organoid technology is creating new possibilities in these areas, particularly in organ repair and replacement. The session will discuss the latest advancements in developing complex organoid structures, address ethical considerations, and explore how commercialization might help solve organ shortages.
Location Auditorium-1	[Chair] Inbo Han CHA University, CHA Bundang Medical Center, Neurosurgery	Robert Coppes, University Medical Center Groningen Ryuichi Okamoto, Tokyo Medical and Dental University Xiling Shen, Terasaki Institute Kyungjin Lee, ORGANOIDSCIENCES
16:00	04	Location Auditorium-2 Organoid Workshop Introduce the various types of organoids and demonstrate the process of organoid culture and validation
		<b>[Online] Unveiling the Future of Science : Innovation Tech</b> <small>ONLINE</small> In this session, we will delve into the unexpected and groundbreaking uses of organoids, sparking curiosity and amazement. The aim is to challenge perceptions and expand the audience's understanding of what organoids can do. This will include discussions on the most surprising and innovative applications of organoids in various fields of science and technology, showcasing their versatility beyond traditional expectations.
Location Auditorium-1	[Chair] Bon-Kyoung Koo Institute for Basic Science	Ramanuj DasGupta, Genome Institute of Singapore, A*STAR Jun Wu, UT Southwestern, Department of Molecular Biology Lena Smirnova, Johns Hopkins University YongKeun (Paul) Park, Tomocube, Inc. Kunyoo Shin, Seoul National University

## [VN] Poster Session

Deadline	12. April. 2024
Contents	Biology-related research results
Poster upload	<a href="https://m.site.naver.com/1jj6R">https://m.site.naver.com/1jj6R</a> <a href="#">CLICK</a>
Size	841mm X 1,189mm(Width X high), A0 size * ODC24 organizer do not provide printed posters.
Award	Excellent Poster Award Oral Presentaion Award

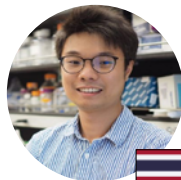
## [VN] Speaker



**Somponnat Sampattavanich**  
Faculty of Medicine Siriraj  
Hospital, Mahidol University



**QUOC VIET LE**  
Faculty of Pharmacy,  
Ton Duc Thang University



**Punn Augsornworawat**  
Faculty of Medicine Siriraj  
Hospital, Mahidol University



**Bo Eun Lee**  
VOS Discovery



**Tran Ngoc Quyen**  
VAST\_INSTITUTE OF APPLIED  
MATERIALS SCIENCE



**Vu Minh Thiet**  
Nguyen Tat Thanh  
University



**Xuan-Hung Nguyen**  
Hi-Tech Center of  
Vinnmec



**Robert Coppes**  
University Medical  
Center Groningen

ONLINE



**Ryuichi Okamoto**  
Tokyo Medical and Dental  
University (TMDU)

ONLINE



**Xiling Shen**  
Terasaki Institute

ONLINE



**Kyungjin Lee**  
ORGANOIDS SCIENCES

ONLINE

## [VN] Speaker



**Ramanuj DasGupta**  
 Genome Institute of  
 Singapore/A\*STAR

ONLINE



**Jun Wu**  
 UT Southwestern,  
 Department of  
 Molecular Biology

ONLINE



**Lena Smirnova**  
 Johns Hopkins  
 University

ONLINE



**YongKeun Park**  
 Tomocube, Inc.

ONLINE



**Kunyoo Shin**  
 Seoul National University

ONLINE

## [VN] Chair



**Xuan-Hung Nguyen**  
 Director, Hi-Tech  
 Center(HTC), Vinmec



**Somponnat Sampattavanich**  
 Faculty of Medicine Siriraj  
 Hospital, Mahidol University



**Inbo Han**  
 CHA University, CHA Bundang  
 Medical Center, Neurosurgery

ONLINE



**Bon-Kyoung Koo**  
 Institute for Basic  
 Science

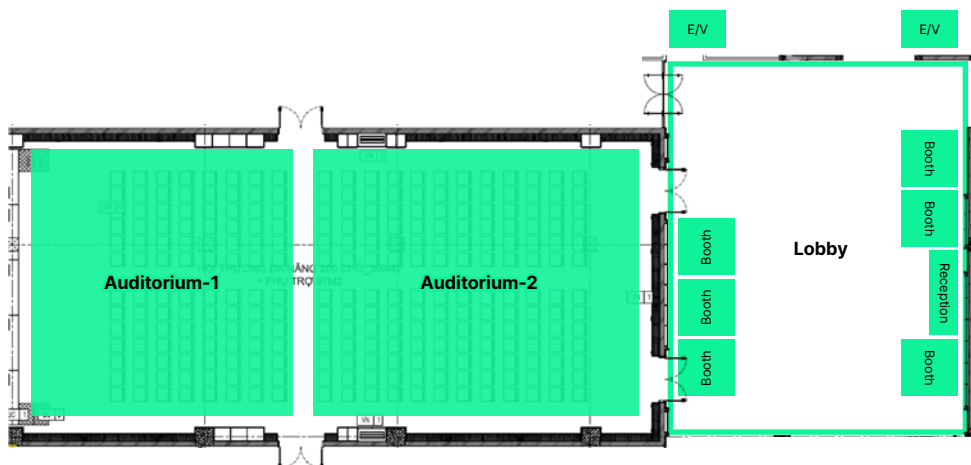
ONLINE



## [VN] Venue

Vinmec Time City International Clinic, 7F

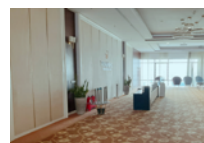
Phòng khám quốc tế Vinmec, Khu đô thị Times City, Hai Bà Trưng, Hà Nội



Auditorium-1



Auditorium-2



Lobby



**ODC<sup>24</sup>**

**Main Organizer**

[KR]

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