

Life, Quantized

생명과학의 한계를 넘는 양자적 도약



G-QUANTUM BIO
SUMMIT 2026



G-QUANTUM BIO SUMMIT 2026

May 27 (Wed) - 29 (Fri), 2026 | Suwon Convention Center



Hosted by



Co-organized by



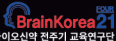
생명물리학과



성균관대학교
RISE 사업단



성균관대학교
신학연병 클러스터 기반 바이오신약 전주기 교육연구단



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질단위연구팀

KSNS

한국비임상시험연구회
THE KOREAN SOCIETY OF NON-CLINICAL STUDY

Quantum Light, Human Insight.

G-Quantum Bio Summit 2026 brings together leading global scholars and industry pioneers in the bio field to explore the full-cycle of bio innovation—from fundamental science to industrialization—driven by quantum technology, AI, and data. It serves as a global platform to present a forward-looking vision for the future.

광교 양자 바이오 서밋 2026은 바이오 분야의 글로벌 석학 및 산업 리더들이 모여, 기초 과학부터 산업화까지 양자·AI·데이터가 견인하는 바이오 혁신의 '전 주기(Full-Cycle)'를 논하고 미래 청사진을 제시하는 글로벌 플랫폼입니다.

Why Gwanggyo?

Gwanggyo, The Resonance of Quantum Bio Synergy

Gwanggyo is a global testbed where world-class quantum research infrastructure and advanced biotech ecosystems converge.

Powered by strong industry-academia-research-hospital partnerships, the city itself functions as a dynamic living lab, accelerating innovation beyond the boundaries of life sciences and future strategic industries while creating and validating transformative value.

광교는 세계 최고 수준의 양자 기술 연구 인프라와 첨단 바이오 생태계가 가장 역동적으로 조화되며 정답을 찾아가는 '글로벌 양자 바이오 융합' 분야의 거대한 테스트베드입니다. 산·학·연·병 파트너십이 결속된 도시 자체가 혁신가들의 활발한 리빙랩이 되어 생명과학의 한계와 미래 전략 산업의 규모를 확장 시켜 나가며 폭발적인 미래 가치를 창출, 실증하는 독보적인 무대입니다.

G-QUANTUM BIO SUMMIT 2026 광교 양자 바이오 서밋 2026

Date	May 27 (Wed) - 29 (Fri), 2026
Venue	Suwon Convention Center
Slogan	Quantum Light, Human Insight
Theme	Life, Quantized
Sub Theme	From Fundamentals to Evidence: The Strategic Harmony of Quantum and Bio
Hosted by	Suwon Convention Center Foundation
Co-organized by	Suwon Convention Center Foundation, SKKU Institute of Quantum Biophysics (IQB), SKKU RISE Center, SKKU BrainKorea21, DoTPlanner
Sponsored by	Korea Tourism Organization, BORYUNG, JNPMEDI
Consortiums	(Industry) The Korean Society of Non-clinical Study (Academia) Graduate School of Science & Technology Policy, Ajou University (Research) KOBRA (Korea Bio Research Association) (Clinical) Ajou Research Institute for Innovative Medicine
Theme by Date	Day 1 Unity Gwanggyo Resonance Day - "Designing the Foundation of Convergence" Day 2 Realization Decoding the Future - "Unlocking the Code of Life with Quantum Light" Day 3 Expansion Technology to Society - "Bridging Innovation and Social Impact"



Program at a glance

Day 1 (May 27, Wed)

- G-QBS
- SKKU IQB (WISDOM)
- The Korean Society of Non-clinical Study (KSNS)
- KOBRA (Korea Bio Research Association)
- Ajou Research Institute for Innovative Medicine - Quattro Precision Therapeutics Institute

Venue		Program		
3F	Convention Hall 3	Standard Track (09:00-16:25)		
	Outside the Venue	[Main Summit] Technical Visits (11:00-14:00) <i>*Invited only</i>	G-QBS Young Researchers Mini-Symposium (14:30-17:40)	[Main Summit] G-QBS Heritage Networking (17:40-20:00) <i>*Invited only</i>

Day 2 (May 28, Thu)

Venue		Program		
1F	Exhibition Hall 2	Innovation Showcase (09:00-18:30)		
	Exhibition Hall 3	Clinical Track (13:00-17:30)		
3F	Convention Hall 1	[Main Summit] G-QBS Opening Plenary (09:00-10:00)	Academic Track (10:00-17:30)	[Main Summit] G-QBS Global Leaders' Roundtable & Gala Dinner (18:00-21:00)
	Convention Hall 3	Standard Track (09:00-17:30)		
	Room 301	[Main Summit] G-QBS X Q-GAIA Quantum Concert 양자콘서트 (13:00-17:30)		

Day 3 (May 29, Fri)

Venue		Program		
1F	Exhibition Hall 2	Innovation Showcase (09:00-18:30)		
	Exhibition Hall 3	Industrial Track (09:50-18:00)	[Main Summit] G-QBS Closing & Suwon Declaration (17:20-17:50)	
3F	Convention Hall 1~3	Industrial Track (12:20-15:30)		
	Room 304	Standard Track (09:00-16:30)		

- [Satellite events] May 27 (Wed) - (주)보령 제약 바이오 심포지엄 : Pharma 4.0 시대 (15:00-17:00 / Room 405)
 May 28 (Thu) - 한국건설환경시험연구원 KCL 의료기기 설명회 (13:00-17:00 / Room 202)
 - 한국신뢰성보증연구협회 2026 KSQA 상반기 워크샵 (09:00-16:50 / Room 405)

Key Program

[Academic Track] SKKU IQB WISDOM 2026



Timetable & Speakers

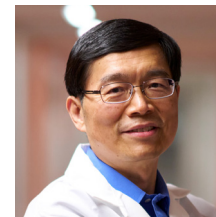
An interdisciplinary academic program connecting quantum-enabled optical technologies with next-generation bioimaging and sensing, exploring emerging imaging approaches incorporating quantum concepts while broadly introducing research advancing toward practical biomedical applications.

WISDOM 2026은 양자 기반 광학 기술과 차세대 바이오이미징-센싱을 연결하는 융합 학술 프로그램으로, 양자 개념을 포함한 새로운 이미징 접근법을 조망하면서, 실제 생의학 응용으로 이어지는 연구들을 폭넓게 소개합니다.

Overview

- **Theme:** Quantum Biophotonics: Bridging Quantum Principles with Next-Generation Biomedical Imaging and Sensing
- **Date:** 10:00-17:30, May 28 (Thu), 2026
- **Venue:** Convention Hall 1 (3F), Suwon Convention Center
- **Organized by:** Institute of Quantum Biophysics (IQB), Sungkyunkwan University

Plenary Speakers



Lihong V. Wang
Professor,
California Institute of
Technology, Caltech



Aydogan Ozcan
Professor,
University of California,
Los Angeles, UCLA



SangHyun Oh 오상현
Professor,
University of Minnesota,
UMN



Key Program

Key Program

[무료 대중강연] 대한민국 최고 과학기술 석학 3인이 들려주는 양자의 세계
G-QBS X Q-GAIA Quantum Concert (양자콘서트)

“Today is AI, Tomorrow is Quantum: If AI is the trailer, Quantum is the main event!”

Moving past AI, how must we prepare for the Quantum era?
Join us for the most thrilling special lecture on the future, guided by three distinguished scholars leading South Korea's next-generation science and technology:
Professors JaeBoong Choi, BeomJun Kim, and SeokJoon Kwon!

“오늘은 AI, 내일은 양자: AI가 예고편이라면, 양자는 본편입니다!”

AI 시대를 넘어 다가오는 '양자'의 시대, 우리는 무엇을 준비해야 할까요?
대한민국을 대표해서 차세대 과학/기술을 선도하는 석학 3인방,
최재봉, 김범준, 권석준 교수가 안내하는 가장 짜릿한 미래 특강!
양자콘서트는 내일의 주인공을 꿈꾸는 학생들과 미래를 준비하는 분들을 위한
가장 확실한 미래 지침서가 될 것입니다.

Overview

- **Date:** 13:00-15:30, May 28 (Thu), 2026
- **Venue:** Room 301 (3F), Suwon Convention Center

Speakers



JaeBoong Choi 최재봉
Professor,
Sungkyunkwan University



BeomJun Kim 김범준
Professor,
Dept. of Physics,
Sungkyunkwan University



SeokJoon Kwon 권석준
Vice Dean,
College of Engineering of
Sungkyunkwan University

G-QBS Global Leaders' Roundtable & Gala Dinner

The **Global Leaders' Roundtable & Gala Dinner** brings together leaders from industry, academia, research, and clinical sectors, alongside world-renowned scholars and Silicon Valley C-level executives at the forefront of the quantum-bio innovation cycle. More than a forum for technical discussion, this premium evening program is designed to shape a practical blueprint for quantum-driven bio innovation — spanning the full journey from fundamental research to market entry.

글로벌 리더스 라운드 테이블 및 갈라디너는 단순한 기술 담론을 넘어, 기초 연구부터 시장 진입까지 양자 기술이 견인할 바이오 혁신의 실질적 청사진을 그리는 프리미엄 저녁 프로그램으로 양자바이오 혁신 주기의 산·학·연·병 리더와 글로벌 석학, 실리콘밸리 C-level 경영진이 한자리에 모입니다.

Overview

- **Theme:** What Should We Build Together in the Bio-Innovation Era?
- **Date:** 18:00-21:00, May 28 (Thu), 2026
- **Venue:** Convention Hall 1 (3F), Suwon Convention Center
(* 1:1 Private Business Meetings Venue: Room 303 (3F) *Pre-registration required)

Speakers



Benjamin Brand
Head of Corporate Partnerships,
Plug and Play



Marcin Michalak
Co-Founder,
Dr Pocket, AgentX



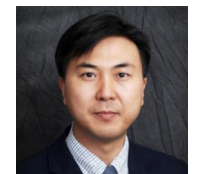
JaeHyun Lee 이재현
Vice President,
JNPMEDI Partners



SiYoung Song 송시영
CEO,
Cowell Biodigm



JaeKwon Son 손재권
Founder & CEO, TheMillk
(Silicon Valley, USA)



SiYeon Rhee 리시연
Associate Professor,
School of Biosystems and Biomedical
Sciences, Korea University





G-QUANTUM BIO SUMMIT 2026

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