



## CRS Board Elections 2025 – Vision Statement

Position: Director-at-Large

Name: **Sei Kwang Hahn**

Position: Seok Cheon Endowed Chair Professor at POSTECH, Korea

**CRS Related Roles:** CRS Meeting Sponsor, Session Organizer, Reviewer, Invited Speaker and others. Editor-in-Chief of Biomaterials Research / Associate Editor of Biomaterials and Heliyon (Cell Press) / Guest Editor of Advanced Materials, Advanced Drug Delivery Reviews, Biomaterials, Journal of Controlled Release / Editorial Board Member of Advanced Drug Delivery Reviews, ACS Biomaterials Science and Engineering, ACS Applied Bio Materials, Biomacromolecules and Advanced Nanobiomed Research and others. Fellow of Korean Academy of Science & Technology, and the International Union of Societies for Biomaterials Science and Engineering (IUSBSE).

Since my first talk at the CRS meeting in 2002 as a postdoctoral fellow of Allan Hoffman's Laboratory at the University of Washington, I have joined and contributed to our society meeting continuously. CRS meeting has been always scientifically excellent providing new insights on the emerging delivery materials and technologies not only for academic but also industrial revolutions. Especially, I am very proud of our society for the great contribution to overcome the world-wide pandemic of COVID-19 by the development of mRNA vaccines using lipid nanoparticles. If elected as a CRS Director-at-Large, it would be my great honor to serve our society with my academic and industrial experiences. The main vision and goals are described in the following for my 3-year tenure as the only nominee representing Asia for the CRS Director-at-Large.

Main Vision: Enhance the Participation and Contribution from Asia to the world for our CRS

Specific Goals:

- Increase the number of oral presentations of Asian scientists at the CRS meeting
- Organize the Asian Controlled Release Congress like Asian Biomaterials Congress
- Host the CRS meeting in Asia within my 3-year tenure
- As a result, increase the number of participants to the CRS worldwide

Scientific Contributions: More engagement of bioelectronics for the development of digitally controlled drug delivery systems including electroceuticals, wearable and implantable healthcare devices

FYI, the following photos reflect my selected academic and industrial experiences.

## Academic and Industrial Experiences with Japanese Scientists



2005 Hoffman's Family at Roche, Chugai



2018 Invited Seminar at Katoka's iCONM



2024 Invited Seminar at Univ. of Tokyo

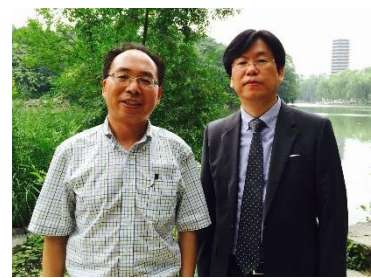
## Academic and Industrial Experiences with Chinese Scientists



2008 Roche Marco Polo Symposium



2011 Asia 3 Foresight Meeting



2015 Peking University Seminar

## Academic and Industrial Experiences with Singapore and Australian Scientists



2013 NUS and IBN Seminars



2017 Invited Talk at AKC, Singapore



2022 Invited Talk at PPC, Australia

## Academic and Industrial Experiences Worldwide



2012 Harvard & MGH Sabbatical



2014 Purdue University Seminar (Kinam Park)



2016 Invited Talk at Harvard BWH





2016 Invited Talk at Harvard MGH



2017 Seminar at Imperial College London



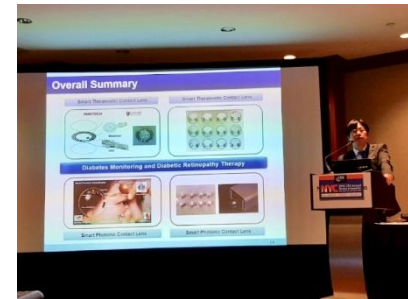
2017 Invited Talk, Nano Today Conference



2018 CRS Meeting Session Organizer



2018 CRS Meeting Award



2018 CRS Meeting Invited Talk



2019 My Company PHI BIOMED Exhibition at CRS Meeting, Spain



2019 Stanford Sabbatical & Seminar



2019 Bob Langer Seminar at Stanford



2022 CES Exhibition of my PHI BIOMED Co.



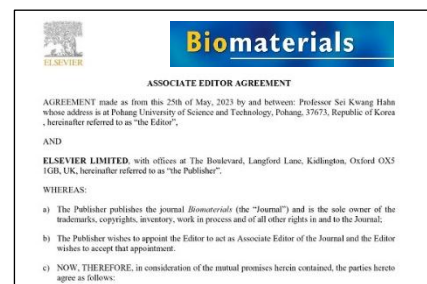
2023 CALTECH Invited Seminar



2023 CRS Meeting Invited Talk



2023 ESB Session Organizer & Keynote Talk



2023 Biomaterials Associate Editor

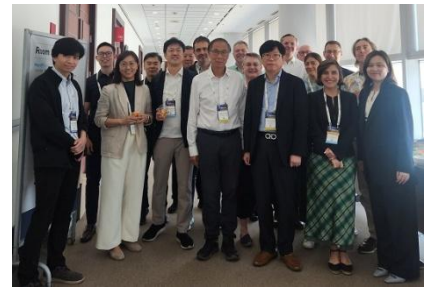




2023 MRS Meeting Invited Talk



2024 President Medal of Sci & Tech



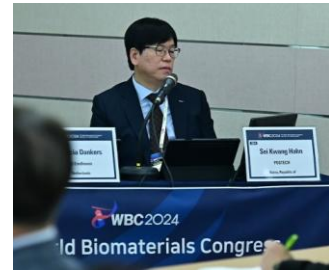
2024 Biomaterials Editorial Meeting



2024 POSTECH IC Conference Chair



2024 WBC, IUSBSE, Fellow Ceremony



2024 WBC Session Organizer



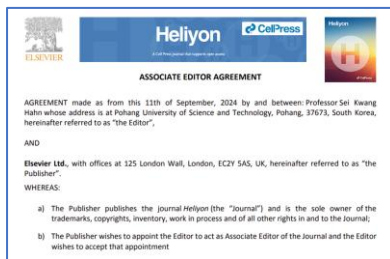
2024 CRS Meeting Invited Talk, Italy



2024 CRS Meeting with Maria Alonso



2024 CRS Webinar Invited Talk



2024 Associate Editor of Heliyon



2025 Editor-in-Chief of Biomaterials Research



2025 Fellow of Korean Academy

- Your kind vote would be greatly appreciated for my CRS Director-at-Large election -