

Candidate for Council Member

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First, I would like to express my appreciation to those who nominated me as one of the candidates for the council members of International Carotenoid Society. I was trained to be a synthetic organic chemist through the education from The Seoul National University (BS), The University of Michigan, Ann Arbor (MS and PhD), and Emory University, Atlanta (Postdoctoral Associate). I started my professional career at Myongji University, Korea in 1994, where I served in various positions until now as a professor, a departmental chair, and a dean of College of Natural Science. I am also serving as a special visiting professor at School of pharmacy, East China University of Science and Technology, Shanghai, China since 2006.

I came across the carotenoid research at the very early stage of my career on the industrial collaboration for the development of practical synthetic method of vitamin A. Since then, I have been deeply participating in research areas on the development of practical and efficient synthetic methods of carotenoid natural products. I am also extending the carotenoid research to design molecular wires with variable conductance as electronic materials. Recently, I am developing novel carotenoid structures with superior antioxidant activities. My research interests, publication list and other information can be found in <http://www.kooslab.org>.

My first participation in ICS meeting was the 14<sup>th</sup> conference at Edinburgh in 2005, where I enjoyed the presentation and discussions with active ICS members. Since then, I actively participated and presented research papers in all the triannual meetings in Okinawa (15<sup>th</sup>), Krakow (16<sup>th</sup>), Utah (17<sup>th</sup>), and Lucerne (18<sup>th</sup>). The Eurocarotene conference in 2019 at Cyprus was a memorable one for me to consider the importance of collaboration research on the related carotenoid areas. The roles of synthetic chemists in collaboration research are very important to provide coworkers with novel or natural carotenoid products for physiological and biological studies to reveal new finding on the carotenoids. I am sure I can serve as a council member to activate collaboration research and open-up exciting new research areas

on the carotenoids. Thank you for your cooperation.