


Personal Information				
First Name	Jaebum	Last Name	Choo	
Organization	Chung-Ang University			
Position	Professor	Nationality	South Korea	
Field of Expertise	Nanoplasmonics-based optical biosensor; Development of micro-devices for biomedical diagnostics			
Title of Presentation	Application of SERS-based assay platforms to improve the accuracy of currently commercialized SARS-CoV-2 immunodiagnostic kits			
Education				
1988 - 1994	Ph.D.	Department of Chemistry, Texas A&M University, College Station, USA.		
1984 - 1986	M.S.	Department of Chemistry, Hanyang University, Seoul, South Korea.		
1980 - 1984	B.S.	Department of Chemistry, Hanyang University, Seoul, South Korea.		
Professional Experience				
2020:	Chair, Analytical Chemistry Division of Korean Chemical Society			
2020-Present:	Director, Biomedical Diagnostics Research Center (ERC supported from NRF)			
2019-Present:	Distinguished Professor, Chung-Ang University			
1995-2019:	Distinguished Professor, Hanyang University			
2013-Present:	Director, BK-21 Plus Program “Bionano Fusion Technology”			
2015:	President, Korean Biochip Society			
2014-2016:	Planning and Review Committee Member, Samsung Technology Foundation			
2013-2013:	President, Korean SRC/ERC Director Association			
2012-2015:	Review Board Member, Ministry of Science and Technology			
2010-2014:	Review Board Member, National Research Foundation (“Bio-Fusion Division”)			
2010-2014:	Vice-Director, Hanyang Biomedical Research Institute			
2008-2014:	Director, Center for Integrated Human Sensing System (ERC supported from NRF)			
2009-2011:	Director, Institute of Nanosensor Technology at Hanyang University			
2009-2011:	Head, Department of Bionano Engineering at Hanyang University			
2003-2004:	Visiting Scholar, Biomedical Engineering Institute, University of Toronto, Canada			
2020-Present	International Advisory Board, Bulletin of Korean Chemical Society			
2018-Present	Associate Editor, Analyst, Royal Society of Chemistry, UK.			