




Korean Cancer Association

Curriculum Vitae	
Full name	Sunghoon Kwon
Current Position	Professor
Department	Department of Electrical Engineering
Affiliation	Seoul National University
Country	Korea
	
Education	
<u>University of California at Berkeley, CA</u> 2000-2004 Ph.D (Bioengineering) , UCB/UCSF Joint Bioengineering Graduate Group BioPOEMS laboratory, Berkley Sensor and Actuator Center (BSAC) 2004.1 - 2006.7 Postdoctoral Fellow, Molecular Foundry, Lawrence Berkeley National Laboratory, CA, USA	
<u>Seoul National University, Seoul, Korea</u> 1998-2000 MS (Medical Engineering) Interdisciplinary program in medical engineering 1994-1998 BS (Electrical Engineering)	
Professional Experience	
2006.8 – present Professor, Department of Electrical and Computer Engineering, Seoul National University, Seoul, Korea Leading Biophotonics & Nanoengineering Laboratory (BINEL) to deliver technological innovations with basis on Nanofabrication, Photonics, and BioMEMS	
2022.09- present Founder & Scientific Advisor, Meteor Biotech, Seoul, Korea Founded and advising a lab spun-off company. Meteor Biotech is developing technologies for spatial omics analysis.	
2011.5 –present Founder & CEO, Quanta Matrix Inc., Seoul, Korea Founded and serving as an interim CEO, QM is developing rapid antibiotic susceptibility test solution.	

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2010.11–present

Founder & Scientific Advisor, Celemics Inc., Seoul, Korea

Founded and advising a lab spun-off company. Celemics is developing high throughput gene synthesizer

2004.1 - 2006.7

Postdoctoral Fellow, Molecular Foundry, Lawrence Berkeley National Laboratory, CA, USA

CTO & Founder, SPS Microsystems, Red Wood City, CA, USA

2002 summer

Visiting Researcher, Precision Biology Group, Intel, Corp., Santa Clara, CA, USA

Developed porous silicon based SERS substrate for direct DNA sequencing