

# NANO KOREA 2020

## July 1~3, KINTEX, Korea

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### Jeong Hoon Byeon

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#### **EDUCATION**

Yonsei University

Ph.D  
(MS  
Combined)

Mechanical Engineering  
(Thermofluid Sciences)

2008

#### **PROFESSIONAL ACTIVITIES**

- Postdoctoral Research Associate, Department of Chemistry, Purdue University, United States, March 2011 to August 2014
- Senior Engineer, LCD R&D Center, Samsung Electronics, Republic of Korea, March 2008 to February 2011.

#### **AWARD AND HONORS**

- Winner of Asian Young Aerosol Scientist Award (AYASA)

#### **MAIN SCIENTIFIC PUBLICATION**

- M. Gautam et al. Plug-in safe-by-design nanoinorganic antibacterials. ACS Nano 13 (2019) 12798.
- B. K. Poudel et al. Photoinduced rapid transformation from Au nanoagglomerates to drug-conjugated Au nanovesicles. Adv. Sci. 5 (2018) 1700563.

#### **RESEARCH INTERESTS**

- Aerosol Technology
- Nano/Biomaterial Processing