

# 6<sup>th</sup> APEL SO 2023 &


## The 55<sup>th</sup> Annual Scientific Meeting of the Korean Society for Thoracic & Cardiovascular Surgery

“Post Pandemic, New Standards”

November 2(Thu) ~ 4(Sat), 2023 | Grand Intercontinental Seoul Parnas, Seoul, Korea



### Curriculum Vitae

<b>Name</b>	<b>First Name</b>	Sang-Ho	<b>Last Name</b>	Ye
<b>Country</b>	U.S.A.			
<b>Affiliation</b>	University of Pittsburgh, Department of Surgery & McGowan Institute for Regenerative Medicine			
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#### Educational Background

1990-1997, Organic Material Science Engineering, B.A., Pusan National University (Busan, South Korea)  
1997-1999, Organic Material Science Engineering, M.S., Pusan National University (Busan, South Korea)  
2000-2002, Materials Engineering, M.S., University of Tokyo (Tokyo, Japan)  
2002-2005, Materials Engineering, Ph.D., University of Tokyo (Tokyo, Japan)

#### Professional Career

2005-2006, Postdoctoral Fellow, National Institute for Material Science, Tsukuba, Japan  
2006-2009, Research Fellow, University of Pittsburgh, McGowan Institute for Regenerative Medicine, Pittsburgh, PA  
2009-2011, Research Associate, University of Pittsburgh, Pittsburgh, PA  
2011-Present, Research Assistant Professor, Department of Surgery, University of Pittsburgh, Pittsburgh PA

#### Research Field

- Materials science (Synthesis of functional polymers, ceramics, composites & surface modifications)
- Blood & biocompatibility of biomaterials (Hemocompatibility & cytocompatibility analysis)
- Cardiovascular devices (Artificial kidney & lung, ventricular assistant device, stents, vascular grafts)
- Tissue engineering & drug delivery system (Biodegradable scaffolds, microparticles)

#### Papers, Books, etc. presented or published by your name

Published over 50 peer-reviewed journals including *Nature Physics*, *Biomaterials*, *Journal of Membrane Science*, *ACS Applied Materials & Interfaces*, *Acta Biomaterialia*, *Biomacromolecules*, *Langmuir*, etc.

List of Completed Published Work:

[https://scholar.google.com/citations?hl=en&user=guI\\_TSIAAAJ&view\\_op=list\\_works&sortby=pubdate](https://scholar.google.com/citations?hl=en&user=guI_TSIAAAJ&view_op=list_works&sortby=pubdate)