

## Conference Speaker Information

Speaker Name	Chulhee Choi
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Presentation Title	Exosome engineering for delivery of therapeutic proteins: principles and applications
Biosketch of Presenter	<p>Chulhee Choi is Professor of Department of Bio and Brain Engineering and a chair of Optical Bioimaging Center at KAIST in South Korea. In addition, he is a scientific founder and CEO of Cellex Life Sciences Incorporated, a company dedicated for development of exosome-based protein therapeutics. His group has been studying cell signaling involved in cell death and proliferation in inflammatory conditions and various malignant cancers. Dr. Choi's group has also focused on development of novel biomedical imaging tools such as dynamic ICG fluorescence imaging for deep tissue perfusion and novel optical technology using femtosecond ultrashort pulsed lasers for modulation of cellular functions. Recently, his team has demonstrated that exosome engineering can be applied for intracellular delivery of bioactive proteins with therapeutic potentials. His group is now pursuing research and development for clinically available exosome-based therapeutics. He is a graduate of Yonsei University College of Medicine, where he received his MD and PhD.</p>