

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2. Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Jae-Ho Cheong		POSITION TITLE Associate Professor	
eRA COMMONS USER NAME			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Yonsei University, Seoul, KOREA	M.D.	1995	Medicine
Yonsei University, Seoul, KOREA	Ph.D.	2006	Tumor Biology
UT MD Anderson Cancer Center, Houston, Tx	Postdoc	2006~2009	Molecular Therapeutics and Systems Biology

A. Personal Statement

As an oncological surgeon-scientist, I was trained in Systems Cancer Biology for studying gastric cancer genomics and translational medicine. Based on more than 15 years of clinical experience in treating gastric cancer patients, now I am developing molecular diagnostics which is clinically usable to identify distinct prognostic subgroups within the identical TNM stage groups. The overarching goal of my research is to identify potential diagnostic and therapeutic targets and to develop clinically relevant prognostic or predictive markers as well as valid targets for novel therapeutics. To this end, I have been collaborating with a number of researchers in diverse disciplines: cell biology, molecular biology, chemistry, biostatistics, pathology, and engineering etc. This trans-disciplinary approach utilizes patient-derived resources to accurately model human cancer molecular pathophysiology to bridge the preclinical and the clinic. Currently, we have generated ~900 gastric cancer tissue multi-omics information which will serve a robust platform to achieve the goal of proposed research enterprise.

B. Positions and Honors.**Positions and Employment**

1996-2000 Residency, Department of Surgery, Yonsei University College of Medicine, Seoul, KOREA
2003-2005 Clinical and research fellow, Division of Gastric Cancer Surgery, Department of Surgery, Yonsei University College of Medicine, Seoul, KOREA
2005 Instructor, Department of Surgery, Yonsei University College of Medicine, Seoul, KOREA
2006- Postdoctoral fellow, Department of Molecular Therapeutics and GI medical Oncology, UT MD Anderson Cancer Center
2007- 2009 Odyssey Fellow, Department of Systems Biology, Kleberg Center for Molecular Markers, UT MD Anderson Cancer Center
2006- Assistant Professor, Department of Surgery, Yonsei University College of Medicine, Seoul, KOREA
2012- Associate Professor, Department of Surgery, Yonsei University College of Medicine, Seoul, KOREA
2012- Vice Director, Office of Medical Science Research Affairs/Industry-Academy Cooperation Foundation, Yonsei University Health System, Seoul, Korea

Honors

Cancer Academic Award	2004, Korean Gastric Cancer Association
GSK Oncology Academic Award	2004, Korea Cancer Association
Best article of the year	2005, Department of Surgery, Yonsei Univ. College of Medicine
Odyssey Fellowship	2007, Theodore N. Law Scientific Achievement MD Anderson Cancer Center, USA
Cancer Academic Award, Basic cancer research	2012, Korean Gastric Cancer Association
18 th Sanofi-Aventis Award for Research Excellence	2013, Korean Gastric Cancer Association

Other Experience and Professional Memberships

1995-present	Member, The Korean Medical Association
2000-present	Member, The Korean Surgical Society
2000-present	Member, Korean Cancer Association
2000-2003	Military Service as a Medical Officer (rank:captain)
2003-present	Member, Korean Gastric Cancer Association
2003-present	Member, The International Gastric Cancer Association (IGCA)
2004-2005	Visiting Scholar, Department of Surgery, Keio University, Tokyo, JAPAN
2007	Mentor, 2007 The UT MD Anderson Cancer Center, Rice University, UT Austin Biomedical Engineering Research Internship Program
2010-	Executive Board Member, Korean Cancer Association
2011-	Board Member, Korean Cancer Society
2013-	Editorial Board, Animal Cells and Systems
2014-	Editorial Board, Yonsei Medical Journal