

Professor Dongho Choi

Current Position

Professor, Department of Surgery, Hanyang University College of Medicine, 2013-Present

Director, Organ Transplant Center, Hanyang University Medical Center, 2017-Present

Director, Experimental Animal Laboratory, Hanyang University College of Medicine, 2017-Present

Chair, Clinical Trials Committee, Korean Society of Surgical Oncology, 2022-Present

Director of Education, The Korean Surgical Society, 2022-Present

Director, Regenerative Medicine and Stem Cell Research Institute, Hanyang University, 2022-Present

Director, Biomedical Science Research Center, Hanyang University Medical Center, 2024-Present

Education

1998 - 2003 Ph.D. Medical Science, Hanyang University, Seoul, Korea

1994 – 1996 M.S. Medical Science, Hanyang University, Seoul, Korea

1989 – 1993 M.D College of Medicine, Hanyang University, Seoul, Korea

Professional Experiences

2013 - present Professor, Department of Surgery, College of Medicine, Hanyang University

2008 - 2013 Associate Professor, Department of Surgery, College of Medicine, Soonchunhyang University

2009 - 2010 Clinical Observer, Department of Surgery, College of Medicine, Johns Hopkins University

2008 - 2010 Visiting Fellow, Laboratory of Experimental Carcinogenesis, National Cancer Institute, National Institute of Health, Bethesda, MD, U.S.A.

2004 – 2007 Assistant Professor, Department of Surgery, College of Medicine, Soonchunhayng University

2002 - 2004 Clinical Fellow, Department of Surgery, College of Medicine, Hanyang University

2001 - 2002 Guest Scientist, Division of Genetic disease, Department of Biomedical Science National Institute of Health, Korea

1999 - 2001 Public Health Care Doctor, Division of Genetic disease, Department of Biomedical Science National Institute of Health, Korea

1998 - 1999	Public Health Care Doctor, Public Health Care Hospital, Yangpyeong -gun, Gyeonggi Province, Korea
1994 - 1998	Resident, Department of General Surgery, Hanyang University Hospital Seoul, Korea
1993 - 1994	Intern, Hanyang University Hospital, Seoul, Korea

Honors

2024	Doosan Yonkang Award for Excellence in HBP Surgery(Excellence Award)
2021	Intermediary medicine award of Pfizer Medical Research Award
2021	HYU academic award of Hanyang University
2021	The Best Poster Award of KSSCR 2021
2017	Best Paper Award of the 46 th Annual Congress of the Korean Association of HBP Surgery
2016	Poster presentation award of Asian Transplantation Week 2016
2015	Award of excellence at Integrated Oral Presentation 1 of Annual Congress of KSS 2015
2015	Best Paper Award of Korean Association of HBP Surgery
2015	Grand Prize of Korean Society for Transplantation
2010	Academic award of Korean Association of HBP Surgery
2010	Award of Excellence of Korean Association for the Study of the Liver
2009	Academic Award of Lakcheon of Soonchunhyang University Hospital

Specialties

Hepatobiliary Pancreatic Surgery, Liver Transplantation.

Selected Publications

1. Yohan Kim, Sung-Ah Hong, Jihyeon Yu, Jeongyun Eom, Kiseok Jang, Sangtae Yoon, Da Hee Hong, Daekwan Seo, Seu-Na Lee, Jae-Sung Woo, Jaemin Jeong, Sangsu Bae, **Dongho Choi**. Adenine base editing and prime editing of chemically derived hepatic progenitors rescue genetic liver disease. **Cell Stem Cell**. 2021 Apr 26;S1934-5909(21)00167-3(SCI)
2. Elina Maria Buisson, Suk-Hee Park, Myounghoi Kim, Kyojin Kang, Sangtae Yoon, Ji Eun Lee, Young Won Kim, Nak Kyu Lee, Mi Ae Jeong, Bo-Kyeong Kang, Seung Bum Lee, Valentina M Factor, Daekwan Seo, Hyunsung Kim, Jaemin Jeong, Han Joon Kim, **Dongho Choi**. Transplantation of patient-specific bile duct bioengineered with chemically reprogrammed and microtopographically differentiated cells. **Bioeng Transl Med**. 2021 Sep 3;7(1):e10252(SCI)
3. Yohan Kim, Young Won Kim, Seung Bum Lee, Kyojin Kang, Sangtae Yoon, **Dongho Choi**, Suk-Hee Park, Jaemin Jeong. Hepatic patch by stacking patient-specific liver

progenitor cell sheets formed on multiscale electrospun fibers promotes regenerative therapy for liver injury. **Biomaterials**. 2021 Jul;274:120899(SCI)

4. Kim Y, Kang K, Lee SB, Seo D, Yoon S, Kim SJ, Jang K, Jung YK, Lee KG, Factor VM, Jeong J, **Choi D**. Small molecule-mediated reprogramming of human hepatocytes into bipotent progenitor cells. **J Hepatol**. 2019 Jan;70(1):97-107(SCI)