

CURRICULUM VITAE

Jeongkye Hwang

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BIOGRAPHICAL

Date of Birth: September 23, 1975

Home Address: 24 Tojeong-ro 31-gil, Mapo-river park APT 106-1902, Mapo-gu, Seoul, Korea, 04166

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EDUCATION & TRAINING

<u>Years</u>	<u>Degree</u>	<u>Institution</u>	<u>Discipline</u>
1995-2001	M.D.	The Catholic University of Korea	Medicine
2001-2002	Internship	Kangnam St. Mary's Hospital	General Surgery
2002-2006	Residency	Kangnam St. Mary's Hospital	General Surgery
2009-2011	Clinical Fellowship	Seoul St. Mary's Hospital	Transplant Surgery
2010-2011	Clinical Fellowship	Seoul St. Mary's Hospital	Vascular Surgery

2011 - 2014

Completed post graduate doctor of philosophy in Medical Science/Surgery, College of Medicine, The Catholic University of Korea, Seoul, Republic of Korea

2005 - 2011

Completed post graduate Master of Medical Science/Surgery, College of Medicine, The Catholic University of Korea, Seoul, Republic of Korea

1995 - 2001

Bachelor of medicine, College of Medicine, The Catholic University of Korea, Seoul, Republic of Korea

APPOINTMENT AND POSITIONS

<u>Years</u>	<u>Institution</u>	<u>Position</u>
Mar/2012 ~ Sep/2016	Daejeon St. Mary's Hospital, College of Medicine, Seoul The Catholic University of Korea	Assistant Professor of Surgery
Jun/2015 ~ Jun/2016	University of Nebraska medical center Organ Transplantation Program*	Visiting Surgeon†
† Intestinal and Multi-Visceral Transplantation clinical observation program Intestinal rehabilitation program (attested by Alan N. Langnas, Professor of Surgery, Chief, Organ Transplantation Program)		
Oct/2016 ~ Mar/2019	Daejeon St. Mary's Hospital, College of Medicine, Seoul The Catholic University of Korea	Associate Professor of Surgery
Mar/2017 ~ Feb/2019	Daejeon St. Mary's Hospital, College of Medicine, Seoul The Catholic University of Korea	Chief of Organ Transplant center
Apr/2019 ~ Mar/2022	Eunpyeong St. Mary's Hospital, College of Medicine, Seoul The Catholic University of Korea	Associate Professor of Surgery Chief of Organ Transplant Center
Mar/2021 ~ present	Eunpyeong St. Mary's Hospital, College of Medicine, Seoul The Catholic University of Korea	Director of 'Cardinal Stephen Kim Memorial' Transplant Hospital
Apr/2022 ~ present	Eunpyeong St. Mary's Hospital, College of Medicine, Seoul The Catholic University of Korea	Professor of Surgery Chief of Organ Transplant Center

MEDICAL LICENSE

Diplomate, National Board in Korea (M.D), 2001(#72000)

Diplomate, Korean Board Certificate of General Surgery, 2006 (#5775)

MEMBERSHIPS in PROFESSIONAL and SCIENTIFIC SOCIETIES (KOREA)

Korean Surgical Society

The Korean Society for Transplantation

The Korean Society for Vascular Surgery

The Korean Society for Phlebology

The Korean Society for Dialysis Access

The Korean Surgical Ultrasound Society

American Society of Transplant Surgeons – Regular Surgeon Member

The Transplantation Society – Regular Member

The American Registry for Diagnostic Medical Sonography (ARDMS®) – RVT & RPVI

GRANT

Agency: The Catholic industry-Academic Cooperation Foundation

Period: 2009 - 2011

Principal Investigator: In-Sung Moon M.D.

Title: Relationship of Serum Ferritin, Cholesterol, and Intimal Hyperplasia after Mechanical Injury to Carotid Artery in a Rat Model

Agency: The Catholic industry-Academic Cooperation Foundation

Period: 2009 - 2011

Principal investigator: In-Sung Moon M.D.

Title: The Early Protective Effect of Glutamine Pretreatment and Ischemia Preconditioning in Renal Ischemia-Reperfusion Injury of Rat

Agency: The Catholic industry-Academic Cooperation Foundation

Period: 2011 - 2013

Principal investigator: Ji-Il Kim M.D.

Title: The protective effect of glutamine donor pretreatment and ischemic preconditioning in rat kidney transplants with severe preservation ischemia-reperfusion injury

Agency: The Catholic industry-Academic Cooperation Foundation

Period: 2012 - 2014

Principal investigator: Ji-Il Kim M.D.

Title: The protective effect of remote ischemic preconditioning by brief hind limb ischemia against renal ischemia-reperfusion injury of rat

Agency: Research fund supporting of a newly appointed professor, College of Medicine, The Catholic University of Korea

Period: 2012 - 2015

Principal investigator: **Jeong Kye Hwang M.D.**

Title: The proper Ischemic preconditioning attenuates functional, metabolic, morphologic injury from renal ischemia-reperfusion injury in the mouse

Agency: Research center of Daejeon St. Mary's Hospital

Period: 2014 - 2015

Principal investigator: **Jeong Kye Hwang M.D.**

Title: Effects of Toll-like Receptor 4 Inhibitor and Ischemic Preconditioning in Rat Kidney Transplants with Ischemia-reperfusion injury

Agency: The National Research Foundation of Korea (NRF) by the Ministry of Education

(2017R1D1A1B03034715)

Period: 2017.06 – 2019. 05

Principal investigator: **Jeong Kye Hwang M.D.**

Title: Effective Ischemic preconditioning Method and Clinical Application to reduce ischemia-reperfusion injury in renal transplantation.

Agency: Research center of Daejeon St. Mary's Hospital

Period: 2018.03- 2019.02

Principal investigator: **Jeong Kye Hwang M.D.**

Title: Effective Ischemic Postconditioning Method and mechanism to reduce Ischemia-reperfusion Injury of kidney in mice

Agency: Research center of Eunpyeong St. Mary's Hospital

Period: 2020.03- 2021.02

Principal investigator: **Jeong Kye Hwang M.D.**

Title: Molecular Mechanisms of Renal Ischemic Post-conditioning to Reduce Ischemia-Reperfusion Injury in Mice

Agency: Research center of Eunpyeong St. Mary's Hospital

Period: 2021.03- 2022.02

Principal investigator: **Jeong Kye Hwang M.D.**

Title: Ischemic preconditioning ameliorates renal ischemia-reperfusion injury through activating the Nrf2/HO-1 pathway enhanced autophagy in Mice

Agency: Research center of Eunpyeong St. Mary's Hospital

Period: 2022.03- 2023.02

Principal investigator: Jeong Kye Hwang M.D.

Title: Ischemic preconditioning attenuates renal ischemia-reperfusion injury by Toll like receptor 4-signaling suppression and Endothelial nitric oxide synthase activation