

CURRICULUM VITAE

Ik Jin Yun, M.D., Ph. D.

Date of Birth: April 2, 1962

Place of Birth: Seoul, Korea

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EDUCATION:

- 1981-83 Seoul National University
College of Natural Science
Pre-Medical Course, Seoul, Korea
- 1983-87 Seoul National University
College of Medicine, Seoul, Korea
M.D. degree
- 1991-93 Seoul National University
College of Medicine, Postgraduate Course, Seoul, Korea
M.S. degree
- 1994-1997 Seoul National University
College of Medicine, Postgraduate Course, Seoul, Korea
Ph.D. degree

RESIDENCY:

- 1990-91 Seoul National University Hospital, Internship
- 1991-95 Seoul National University Hospital, Surgical Residency

FELLOWSHIP:

- 1995-96 Seoul National University Hospital
Transplant Surgical Fellow
- 1996-97 Soon Chun Hyang University Hospital, Seoul, Korea
Transplant Surgical Fellow
- 2001-03 University of California, San Francisco
Post-doctoral Fellowship, Transplant Surgery

HOSPITAL APPOINTMENTS:

- 1996-2004 Soon Chun Hyang University Hospital, Seoul, Korea
- 2004-2005 Seoul National University Hospital, Seoul, Korea
- 2005- present Konkuk University Hospital, Seoul, Korea

ACADEMIC APPOINTMENTS:

- 1997-99 Full-time instructor in Surgery
Soon Chun Hyang University, College of Medicine, Seoul, Korea
- 1999-2004 Assistant Professor of Surgery
Soon Chun Hyang University, College of Medicine, Seoul, Korea
- 2004-05 Commissioned Associate Professor of Surgery
Seoul National University Hospital, Seoul, Korea
- 2005- 10 Associate Professor of Surgery
Konkuk University, College of Medicine, Seoul, Korea

2010-present Professor of Surgery
Konkuk University, College of Medicine, Seoul, Korea

2012-2014 Assistant Dean, Director of student affair
Konkuk University, College of Medicine, Seoul, Korea

PROFESSIONAL APPOINTMENTS:

2005- 11 Director of Organ Transplantation Center
Konkuk University Hospital, Seoul, Korea

2007-09 Director of Department of Surgery
Konkuk University Hospital, Seoul, Korea

2007- 11 Head Professor of Department of Surgery
Konkuk University College of Medicine, Seoul, Korea

2007- present Member of Board of Directors
The Korean Society for Transplantation

2011- present Team Manager & Doctor (participate 2011, 2017, 2019 WTG)
Korean devision of World Transplant Games Federation

2016, 2018 Head Officer
Biennial Athletic meeting of Korean Transplant Game

2017- present Editor in Chief
Korean Journal of Transplantation

2017 - 2021 Councilor
ISODP - International Society for Organ Donation and Procurement

2021 – 2025 Councilor
IXA – International Xenotransplantation Association

SOCIETY MEMBERSHIPS:

1995 The Korean Surgical Society

1995 The Korean Society for Transplantation

1995 The Korean Society for Vascular Surgery

1997 Korean Association of HBP Surgery

2006 Korean Association of Immunologist

2011 The Transplantation Society

2011 European Society for Organ Transplantation

2011 American Society of Transplantation

2011 International hepato-Pancreato-Biliary Association
& Asian-Pacific Hepato Pancreato Biliary Association dual member

2011 IXA - International Xenotransplantation Association

2011 ISODP - International Society for Organ Donation and Procurement

Awards

2013 Award of Minister of Department of Health and Welfare
(Award for the contributors of extension of organ donation)

2024 Award of Minister of Department of Health and Welfare
(Award for the contributors of development of xenotransplantation)

Grants

2011-2012
Theme: Usefulness of pig to monkey solid organ xenotransplantation using transgenic cloned pig made for transplantation
Source: Rural Development Administration
Status: Principal Investigator
Budget: 460,000,000 Won (2011), 500,000,000 Won (2012)

2013-2014

Theme: Study for characteristics of pig to monkey solid organ xenotransplantation using multi transgenic cloned pig made for transplantation and immune tolerance”

Source: Rural Development Administration

Status: Principal Investigator

Budget: 620,000,000 Won(2013), 620,000,000 Won (2014)

2015-2017

Theme: Development of the model of pig to monkey heart xenotransplantation using transgenic cloned pig adjust for the xenotransplantation”

Source: Rural Development Administration

Status: Principal Investigator

Budget: 350,000,000 Won(2015), 569,000,000 Won(2016), 569,000,000 Won(2017)

2017-2018

Theme: Development of Harmonic Scalpel and Ultrasonic Generator with Cooling system

Source: Ministry of commerce, Industry and Energy

Status: Principal Investigator of theme 3

Budget: 38,000,000 Won(2017), 38,000,000(2018)

2018-2020

Theme: Development of the model of pig to monkey xenotransplantation using transgenic cloned pig adjust for the xenotransplantation and Searching for the important factors of cause of death

Source: Rural Development Administration

Status: Principal Investigator

Budget: 544,000,000 Won(2018), 544,000,000 Won(2019), 544,000,000 Won(2020)

2023-2027

Theme: Clinical application of xenotransplantation

Source: Department of Health and Welfare

Status: General Principal Investigator

Budget: 6,000,000,000 Won(2023), 6,000,000,000 Won(2024), 8,000,000,000 Won(2025), 8,000,000,000 Won (2026), 8,000,000,000 Won(2027)

The RERESENTATIVE PUBLICATIONS:

1. Chae JH, Kim M, **Yun IJ**, Park HW, Ha J, Jung SE, Ha IS, Cheong HI, Choi Y, Kim SJ. *Results of 76 Pediatric Renal Transplantations at Seoul National University Hospital*. The Journal of the Korean Society of Transplantation. 9(1): 65-76, 1995.
2. **Yun IJ**, Ha J, Choi Y, Kim KM, Choi H, Kim SJ. *Renal Transplantation into the Gastric Augmented Bladder*. The Journal of the Korean Society of Transplantation. 9(1): 193-197, 1995.
3. Kim ST, Kim SJ, Park KW, Suh KS, Jung SE, Ha J, Kim YH, **Yun IJ**, Seo JK, Lee HS, Lee KU. *Early Experiences of Liver Transplantation at Seoul National University Hospital*. The Journal of the Korean Society of Transplantation. 9(1): 165-170, 1995
4. Koh YT, Ha J, **Yun IJ**, Kim ST, Kim SJ. *Posttransplant Diabetes Mellitus in Renal Allograft Recipients*. The Journal of the Korean Society of Transplantation. 10(1): 131-137, 1996.
5. Ahn MS, Ha J, **Yun IJ**, Kim S, Lee JS, Kim S, Han JS, Ahn C, Choi Y, Cheong HI, Kim ST. *To Keep a Stable Therapeutic level of Cyclosporine During the Early Posttransplant Period Is Important in Graft Survival*. Transplantation Proceedings. 28(3): 1316-1317, 1996.
6. Kim ST, Kim SJ, Park KW, Suh KS, Jung SE, Ha J, Kim YH, **Yun IJ**, Lee KU. *Early Experience of Liver Transplantation at Seoul National University Hospital*. Transplantation Proceedings. 8(3): 1695-1696, 1996
7. Kim SJ, Ha J, **Yun IJ**, Cho BS, Park MH, Ahn C. *Microchimerism in Living Related Renal Transplants*. The Journal of the Korean Society of Transplantation. 12(1): 49-57, 1998.
8. Lee KU, Ha J, Suh KS, Jung SE, **Yun IJ**, Kim JJ, Kim SJ. *Canine Liver Transplantation without in situ Portal Perfusion*. The Journal of the Korean Surgical Society. 56(3): 311-318, 1999.
9. Jung SE, **Yun IJ**, Youn YK, Lee JE, Ha J, Noh DY, Lee KK, Kim SJ, Oh SK, Choe KJ. *Effect of Protease Inhibitor on the Ischemia-reperfusion Injury to the Rat Liver*. World J Surgery. 23: 1027-1031, 1999.

10. Kim TY, Lee WS, **Yun IJ**, Park SK, Hong DS, Kim YS, Shim CS, Lee MH, Kim JJ. *Apoptosis after Ischemia-Reperfusion Injury in Rat Liver*. Korean Journal of HBP Surgery. 4(2): 9-17, 2000.
11. **Yun IJ**, Ahn MS, Kim DC, You BY, lee GK, Ha J, Kim SJ. *Antioxidant Effects of Haematococcus Extracts for Ischemia-Reperfusion Injury on Liver of Mice*. Korean Journal of HBP surgery. 8(3): 152-159, 2004.
12. Kang J, Ha J, **Yun I**, Lee TS, Lee JH, Kim WH, Kim SJ. *MMF-related colitis Carrying GVHD-like Pathologic Feature in Renal Transplant Recipient*. The Journal of the Korean Society of Transplantation. 18(2): 194-197, 2004.
13. Kang J, Yu SB, **Yun IJ**, Lee TS, Chung IM, Chung JK, Ha J, Kim SJ. *Long-term Outcomes of Post-transplant Diabetes Mellitus in Renal Transplant Recipients*. J Korean Soc Transplant. 19(2): 157-162, 2005.
14. Kim S, Choi YS, Choi WH, Chang SH, **Yun IJ**, Song EY. *A Living donor liver transplantation after therapeutic plasmapheresis in a patient with positive HLA crossmatch*. Korean J Blood Transfus. 18(3):260-264,2007
15. Kim DK, Kim HK, Li JA, Jeong SM, Jang SW, **Yun IJ**. *Perioperative combined use of sildenafil and inhaled iloprost for moderate portopulmonary hypertension in a patient undergoing liver transplantation: a case report*. Korean J Anesthesiol. 54(1):102-108,2008
16. Kim DK, Chang SH, **Yun IJ**, Kwon WK, Woo NS. *Salbutamol to facilitate management of acute hyperkalemia in liver transplantation: a case report*. Canadian Journal of Anaesthesia. 56(2):142-146,2009 (SCI)
17. Min SI, **Yun IJ**, Kang JM, Park YJ, Min SK, Ahn C, Kim SJ, Ha J. *Moderate-to-severe early-onset hyperuricaemia:a prognostic marker of long-term kidney transplant outcome*. Nephrology Dialysis Transplantation. 24(8):2584-2590,2009 (SCI)
18. Kim SJ, Kim MS, Han DJ, Yang CW, Lee S, **Yun IJ**, Cho BS, Lee TW, Rim H, Kim MJ, Han DC, Shin GT, Oh CK, Do JY, Han SY, Choi SJ, Na KR. *Decision Factors on Mycophenolic Acid Dose after Renal Transplantation*. J Korean Soc Transplant. 23(2):135-140,2009
19. Moon HW, Yun YM, Hur M, Park JH, Lee HW, Chang SH, **Yun IJ**. *An experience of ABO-incompatible kidney transplantation using plasmapheresis and anti-CD20 monoclonal antibody*. Korean J Lab Med. 29(6):585-588,2009
20. Kim DK, Chang SH, Lee HW, **Yun IJ**, Kim JY. *A comparison of postoperative pain in patients undergoing liver transplantation, donor hepatectomy, and a major hepatectomy for a tumor*. Anesth Pain Med. 5(3):267-272,2010
21. Lee EK, Chang SH, Kim DK, Cheon BS, Hong YS, Kang BJ, Nam SE, Sim JH, Lee HW, **Yun IJ**. *Outcomes of Early Liver Transplantation in a Hospital That Is Starting to Perform Liver Transplantation*. J Korean Soc Transplant 25(3):184-189, 2011
22. Hwang S, Oh KB, Kim DH, Woo JS, Shin H, **Yun IJ**, Park JK, Im GS. *Production of α 1,3-Galactosyltransferase (GalT) double Knock-out (-/-) Transgenic Pigs for Xenotransplantation*. J Emb Trans 27(1):9-14,2012
23. Kim H, Chee HK, Yang J, Hwang S, Han KH, Kang J, Park JH, Kim JS, Lee SJ, Ock SA, Park MH, Park KS, Byeongchun L, Cho K, Noh J, Park W, Yun IJ, Ahn C. *Outcomes of Alpha 1,3-GT-knockout Porcine Heart Transplants Into a Preclinical Nonhuman Primate Model*. Transplant Proc. 45(8):3085-91,2013 (SCI)
24. Kim JM, Kwon CH, **Yun IJ**, Lee KW, Yu HC, Suh KS, Joh JW, Cho BH. *A multicenter experience with generic mycophenolate mofetil conversion in stable liver transplant recipients*. Ann Surg Treat Res. 86(4):192-8,2014 SCIE(0.212)
25. Hwang S, Jung YD, Cho K, Ock SA, Oh KB, Kim HS, **Yun IJ**, Ahn C, Park JK, Im S. *No expression of porcine endogenous retrovirus after pig to monkey xenotransplantation*. Lab Anim Res. 30(2):90-3,2014
26. Ock SA, Oh KB, Hwang S, Lee J, Kim Y, Moon SW, Kwon DJ, **Yun IJ**, Park E. *Growth rate of transgenic pigs and size of pig hearts for xenotransplantation to cynomolgus monkey*. J. Emb. Trans. 29(4):333-337,2014
27. Ock SA, Lee J, Oh KB, Hwang S, **Yun IJ**, Ahn C, Chee HK, Kim H, Park JB, Kim SJ, Kim Y, Im GS, Park E. *Molecular immunology profiles of monkeys following xenografting with the islets and heart of α -1,3-galactosyltransferase knockout pigs*. Xenotransplantation. 23(5):357-69,2016 (SCI)
28. **Yun IJ**. *Current Status of Solid Organ Xenotransplantation*. J Korean Soc Transplant. 30(2):69-76,2016
29. Cho W, Kim H, Park U, Park W, Yu J, **Yun IJ**, Kim S, Ahn C. *Rehabilitation of transplantee and transplant games*. J Korean Soc Transplant 31(1):6-15,2017
30. Yang HS, Chee HK, Kim JS, Kim WS, Park JH, Shin KC, Park KS, Lee SW, Cho KH, Park WJ, Oh KB, Ahn C, **Yun IJ**. *Non-invasive Myocardial Strain Imaging to Evaluate Graft Failure in Cardiac Xenotransplantation*. J Korean Soc Transplant 31(1):25-33,2017 (**Corresponding author**)
31. Ock SA, Oh KB, Hwang S, **Yun IJ**, Ahn C, Chee HK, Kim H, Ullah I, Im GS, Park EW. *Immune molecular profiling of whole blood drawn from a non-human primate cardiac xenograft model treated with anti-CD154 monoclonal antibodies*. Xenotransplantation 25(5): e12392,2018 (SCI) **IF:4.717**

32. Heo Y, Cho Y, Oh KB, Park KH, Cho H, Choi H, Kim M, **Yun IJ**, Lee HJ, Kim YB. Detection of pig cells harboring porcine endogenous retroviruses in non-human primate bladder after renal xenotransplantation. *Viruses* 11(9): E801, 2019 (**SCIE**) **IF: 3.811**
33. Cho M, Kim WS, Shin H, **Yun IJ**. Effect of prostaglandin E1 injected into donors in a heterotopic heart transplant model of Sprague Dawley rats. *Transplant Proc.* 51(8):2808-2813 (**SCIE**) **IF: 0.959 (corresponding author)**