

• **Name:** Jong Man Kim

• **Current Position:**

Associate Professor,

Department of Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine

• **Country:** Korea

• **Short Bio:**

Jong Man Kim received his MD from the Korea University in 2000, and trained in the Department of Surgery, Korean University Medical Center until 2005. From 2008 to 2011, he worked as fellow in the Transplantation Division, Department of Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine at Seoul, Korea. He studied solid organ transplantation and HCC in those period. He completed his PhD (Korea University, 2009), which subject was immunotherapy using 4-1BB antibody against cancer. His carrier has continued in the Department of Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine until now (2016) as associate professor.

He studied for HCC hepatectomy patients, so published many papers. In addition, he has operated living donor liver transplantation. His focusing projects were ABO-incompatibility, humoral rejection, and immunosuppression in liver transplantation. He also studied the effect of NK cell immunotherapy in HCC patients. As he received the opportunity for oversea study from his university, so he joined the Wake Forest Institute for Regenerative Medicine (WFIRM) (2015). He studied liver bioengineering using liver-bioscaffold for implantation.

• **Research Interests:**

- Liver resection for HCC
- Liver transplantation
- ABO-incompatibility
- NK cell immunotherapy for HCC
- Immunosuppression
- Liver bioengineering

• **Main Scientific Publications:**

1. **Jong Man Kim**, Choon Hyuck David Kwon, Jae-Won Joh, Sangbin Han, Dong Hyun Sinn, Gyu-Seong Choi, Eun-Suk Kang, Joon Hyeok Lee, Gaabsoo Kim, Suk-Koo Lee. Case-matched comparison of ABO-incompatible and ABO-compatible living donor liver transplantation. *Br J Surg* 2016 Feb;103:276-283
2. Jeong-Hoon Lee, Yuri Cho, Hwi Young Kim, Eun Ju Cho, Dong Hyeon Lee, Su Jong Yu, Jae Woo Lee, Nam-Joon Yi, Kwang-Woong Lee, Seoung Hoon Kim, **Jong Man Kim**, Jae-Won Joh, Lewis W. Taperman, James S. Park, Yoon Jun Kim, Kyung-Suk Suh, Jung-Hwan Yoon. Serum Tumor Markers Provide Refined Prognostication in Selecting Liver Transplantation Candidate for Hepatocellular Carcinoma Patients Beyond the Milan Criteria. *Ann Surg* 2016
3. Lee Sanghoon, **Kim Jong Man**, Choi Gyu-Seong, Park Jae Berm, Kwon Choon Hyuck David, Choe Yon-Ho, Joh Jae-Won, Lee Suk-Koo. De Novo Hepatitis B Prophylaxis with Hepatitis B Virus Vaccine and Hepatitis B Immunoglobulin in Pediatric Recipients of Core Antibody-positive Livers. *Liver Transpl* 2016;22:247-251
4. **Jong Man Kim**, Kwang-Woong Lee, Gi-Won Song, Bo-Hyun Jung, Hae Won Lee, Nam-Joon Yi, Choon Hyuck David Kwon, Shin Hwang, Kyung-Suk Suh, Suk-Koo Lee, Sung-Gyu Lee. Outcomes for patients with HCV after liver transplantation in Korea: a multicenter study. *Ann Surg Treat Res* 2016;90(1):36-42

5. **Jong Man Kim**, Sang Yun Ha, Jae-Won Joh, Dong Hyun Sinn, Woo Kyung Jeong, Gyu-Seong Choi, Geum Youn Gwak, Choon Hyuck David Kwon, Young Kon Kim, Yong Han Paik, Joon Hyeok Lee, Won Jae Lee, Suk-Koo Lee, Cheol Keun Park. Predicting Hepatic Steatosis in Living Liver Donors via Non-invasive Methods. *Medicine* 2016 Feb;95(7):e2718
6. **Jong Man Kim**, Choon Hyuck David Kwon, Jae-Won Joh, Dong Hyun Sinn, Sanghoon Lee, Gyu-Seong Choi, Suk-Koo Lee. The Conversion of Once-daily Extended-release Tacrolimus is Safe in Stable Liver Transplant Recipients: A Randomized Prospective Study. *Liver Transplant* 2016;22:209-216
7. Yong Kwang Park, Eun-Sook Park, Doo Hyun Kim, Sung Hyun Ahn, Seung Hwa Park, Ah Ram Lee, Soree Park, Hong Seok Kang, Ji-Hyun Lee, **Jong Man Kim**, Suk-Koo Lee, Keo-Heum Lim, Nathalie Isorce, Shuping Tong, Fabien Zoulim, Kyun-Kwan Kim. Cleaved c-FLIP mediates the antiviral effect of TNF- against hepatitis B virus by dysregulation hepatocyte nuclear factors. *J Hepatol* 2016;64:268-277
8. Seung Rim Han, **Jong Man Kim**, Gyu-Seong Choi, Jae Berm Park, Choon Hyuck David Kwon, Sung Joo Kim, Jae-Won Joh. Protrusion of Hepatocellular carcinoma is a Predictor of Early Recurrence in Hepatectomy Patients after Spontaneous Rupture. *Ann Surg Treat Res* 2016;16:91(1):17-22
9. Han Sangbin, Yang Joo Dong, Sinn Dong Hyun, Ko Justin Sangwook, **Kim Jong Man**, Shin Jun Chul, Son Hee Jeong, Gwak Mi Sook, Joh Jae-Won, Kim Gaab Soo. Higher Bilirubin Levels of Healthy Living Liver Donors Are Associated With Lower Posttransplant Hepatocellular Carcinoma Recurrence. *Transplantation* 2016 Sep; 100(9):1933-1938 (
10. J.Y. Choi, **J.M. Kim**, C.H.D. Kwon, J.-W. Joh, S. Lee, J.B. Park, J.S. Ko, M.S. Gwak, G.S. Kim, S.J. Kim, S.-K. Lee. Use of Dexmedetomidine in Liver Transplant Recipients With Postoperative Agitated Delirium. *Transplantation Proceedings* 2016;48:1063-1066.
11. Sanghyun Song, Choon Hyuck David Kwon, **Jong Man Kim**, Jae-Won Joh, Suk-Koo Lee. Single center experience of living donor liver transplantation in patients with portal vein thrombosis. *Clin Transpl* 2016 Sep;30(9):1146-1151
12. **Jong Man Kim**, Choon Hyuck David Kwon, Jae-Won Joh, Gyu-Seong Choi, Jae Berm Park, Eun-Suk Kang, Sung Joo Kim, Suk-Koo Lee. Changes in T cells after ABO-incompatible Liver Transplantation. *J Invest Surg* 2016
13. Jung Hee Kim, Dong Hyun Sinn, Geum-Youn Gwak, Gyu-Seong Choi, **Jong Man Kim**, Choon Hyuck David Kwon, Jae-Won Joh, Ki Yeon Kim, Kyunga Kim, Yong-Han Paik, Moon Seok Choi, Joon Hyeok Lee, Kwang Cheol Koh, Seung Woon Paik, Factors determining long-term outcomes of hepatocellular carcinoma within the Milan criteria: liver transplantation versus locoregional therapy. *Medicine* 2016;95(35):e4735
14. M. Shin, **J.M. Kim**, C.H.D. Kwon, S.-J. Kim, J.-W. Joh. Role of Human Leukocyte Antigen Compatibility in Graft Outcomes After Living Donor Liver Transplantation. 2016;48:1123-1129
15. Dongkyu Oh, Choon Hyuck David Kwon, Byung Gon Na, Kyo Won Lee, Won Tae Cho, Seung Hwan Lee, Jin Yong Choi, Gyu Seong Choi, **Jong Man Kim**, Jae-Won Joh. Surgical Techniques for Totally Laparoscopic Caudate Lobectomy. *J Laparoendosc Ad Surg Tech* 2016 September;26(9):689-692
16. Kyo Won Lee, Sanghoon Lee, Chan Woo Cho, Nuri Lee, Hey Seung Kim, Kyunga Kim, **Jong Man Kim**, Gyu Seong Choi, Choon Hyuck David Kwon, Jae-Won Joh, Suk-Koo Lee. Outcome of Living Donor Liver Transplantation using Right Liver Allografts with Multiple Arterial Supply. *Liver Transplant* 2016
17. Hyojun Park, Sanghoon Lee, BoKyoung Kim, Do Hoon Lim, Yoon-La Choi, Gyu Seong Choi, **Jong Man Kim**, Jae Berm Park, Choon Hyuck David Kwon, Jae-Won Joh, Sung Joo Kim. Tissue expander placement and adjuvant radiotherapy after surgical resection of retroperitoneal sarcoma offers improved local control. *Medicine* 2016 Aug;95(32):e4435
18. Kyo Won Lee, Sanghoon Lee, Dong Kyu Oh, Byung Gon Na, Jin Yong Choi, Wontae Cho, Seunghwan Lee, **Jong Man Kim**, Gyuseong Choi, Choon Hyuck David Kwon, Jae-Won Joh, Suk-Koo Lee. Outcome of partial reconstruction of multiple hepatic arteries in pediatric living donor liver transplantation using left liver grafts. *Transpl Int* 2016 Aug;29(8):890-896.
19. **Jong Man Kim**, Choon Hyuck David Kwon, Jae-Won Joh, Byung-Gon Na, Kyo-Won Lee, Gyu-Seong Choi, Joon Hyeok Lee. Non-anatomical resection in comparable with anatomical resection in solitary hepatocellular carcinoma <5cm in the right posterior section. *Medicine* 2016
20. **Jong Man Kim**, Choon Hyuck David Kwon, Jae-Won Joh, Dong Hyun Sinn, Gyu-Seong Choi, Jae Berm Park, Eun-Suk Kang, Suk-Koo Lee. Differences in Peripheral Blood Lymphocytes between Brand-name and Generic Tacrolimus Treated in Stable Liver Transplant Recipients. *Med Principle and Practice* 2017
21. Mimi Kim, Tae Wook Kang, Woo Kyoung Jeong, Young Kon Kim, Seong Hyun Kim, **Jong Man Kim**, Dong Hyun Sih, Min-Ji Kim, Sin-Ho Jung. Gadoteric acid-enhanced magnetic resonance imaging characteristics of hepatocellular carcinoma occurring in liver transplants. *Eur Radiol* 2017
22. Kyo Won Lee, Chan Woo Cho, Nuri Lee, Sanghoon Lee, **Jong Man Kim**, Gyu-Seong Choi, Choon Hyuck David Kwon,

Jae-Won Joh, Suk-Koo Lee. Encapsulating peritoneal sclerosis in liver transplant recipients: a report of 2 cases. *Ann Surg Treat Res* 2017;92(3):164-167.

23. JY Choi, JI Yu, HC Park, CHD Kwon, **JM Kim**, JW Joh, GS Choi, JB Park, SJ Kim, SH Lee, WT Cho, KW Lee, BG Na, DK Oh, NR Lee, CW Cho, S Lee, SK Lee. The possibility of radiotherapy as downstaging to living donor liver transplantation for hepatocellular carcinoma with portal vein tumor thrombus. *Liver Transpl* 2017

24. **Jong Man Kim**, Choon Hyuck David Kwon, Jae-Won Joh, Gyu-Seong Choi, Eun-Suk Kang, Suk-Koo Lee. Comparative peripheral blood T cells between adult deceased donor liver transplantation (DDLT) and living donor liver transplantation (LDLT). *Ann Transpl* 2017

25. Byung Gon Na, **Jong Man Kim**, Dong Hyu Oh, Kyo-Won Lee, Tae-Wook Kang, Gyu-Seong Choi, Min Woo Lee, Choon Hyuck David Kwon, Hyun Chul Lim, Jae-Won Joh. Clinical outcomes of laparoscopic radiofrequency ablation of single primary or recurrent hepatocellular carcinoma (≤ 3 cm). *Ann Surg Treat Res* 2017;92(5):355-360

26. Jinsoo Rhu, Jin Seok Heo, Seong Ho Choi, Dong Wook Choi, **Jong Man Kim**, Jae-Won Joh, Choon Hyuck David Kwon. Streamline flow of the portal vein affects the lobar distribution of colorectal liver metastases and has a clinical impact on survival. *Ann Surg Treat Res* 2017;92(5):348-354

27. Nuri Lee, Chan Woo Cho, **Jong Man Kim**, Gyu-Seong Choi, Choon Hyuck David Kwon, Jae-Won Joh. Application of temporary inflow control of the Glissoneal pedicle method provides a safe