



### Personal Background

Name: Saman Nikeghbalian

Date of Birth: 13/4/1969

Place of Birth: Yasuj, Iran

Nationality: Iranian

Sex: Male

Marital Status: Married


Children: 1 son

Address: Shiraz Organ Transplant Center, Avicenna Hospital, Shiraz University of Medical Sciences, No 985, Boostan Blvd, Pasdaran Blvd, Sadra New City, Shiraz 71994-67985, Iran

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### Current Position

- Professor of Surgery, Director of Shiraz transplant Center, Abu – Ali Sina Hospital, Shiraz University of Medical Sciences, Shiraz, Iran.



## Education

1987 – 1995: Shiraz University of Medical Sciences, IRAN internship/general physician

1995 – 1999: General Surgery Resident, Shiraz School of Medicine/ general surgeon

2004 – 2006: Fellowship in transplantation, in king's College in London, ENGLAND/  
fellowship.



## Appointments & Positions

2006-2017: Deputy Head of research in Shiraz Transplant Center, Shiraz University of  
Medical Sciences, Shiraz, Iran

2017 up to now: Director of Shiraz Transplant Center, Shiraz University of Medical  
Sciences, Shiraz, Iran

### Surgical Activities

2006: First Pancreas Transplant in Iran in Shiraz Transplant Center, Shiraz University  
of Medical Sciences , Shiraz ,Iran

2007: in-situ split liver transplant in Iran in Shiraz Transplant Center, Shiraz University  
of Medical Sciences, and Shiraz, Iran

2010: First Multi-Visceral Transplant in Iran in Shiraz Transplant Center, Shiraz  
University of Medical Sciences, Shiraz, Iran

2014: First Domino liver transplant in Iran in Shiraz Transplant Center, Shiraz  
University of Medical Sciences, Shiraz, Iran

First Liver Auto Transplant in Iran in Shiraz Transplant Center, Shiraz University of  
Medical Sciences , Shiraz ,Iran

First successful small bowel transplant in Iran in Shiraz Transplant Center, Shiraz University of Medical Sciences, Shiraz, Iran



### Publications

1. Mixed germ-cell testicular tumor in a liver transplant recipient, Saudi J Kidney Dis Transpl
2. Photoclinic. Amyloid goiter, Archives of Iranian Medicine
3. Isolated renal mucormycosis after liver transplantation: An unusual case report, Iranian Red Crescent Medical Journal
4. A rare incidence of angiomyolipoma after kidney transplantation, Iranian Journal of Kidney Diseases
5. En-bloc transplantation: An eligible technique for unilateral dual kidney transplantation, International Journal of Organ Transplantation Medicine
6. Alveolar Echinococcosis of the Liver: Report of Three Cases from Different Geographic Areas in Iran, Hepatitis Monthly
7. Association between Tacrolimus Concentration and Genetic Polymorphisms of CYP3A5 and ABCB1 during the Early Stage after Liver Transplant in an Iranian Population, Experimental and Clinical Transplantation
8. Association of genetic variation in co-stimulatory molecule genes with outcome of liver transplant in Iranian patients, Gene.
9. Vitamin D receptor genotype in pancreas allograft: A pilot study, Experimental and Clinical Transplantation
10. The association between adiponectin (+45T/G) and adiponectin receptor-2 (+795G/A) single nucleotide polymorphisms with cirrhosis in Iranian population, Molecular Biology Reports
11. The association of polymorphisms in cytokine genes with acute rejection and the pathogenesis of hepatitis B and C in liver transplant recipients, Laboratory Medicine

12. Multivisceral transplantation for the treatment of intra-abdominal tumors, Transplantation Proceedings.
13. Histopathology of Post-Transplant Liver Biopsies, the First Report from Iran, Hepatitis Monthly
14. Association of Increased Plasma Interleukin-6 and TNF- $\alpha$  Levels in Donors with the Complication Rates in Liver Transplant Recipients, International Journal of Organ Transplantation Medicine
15. Hepatocellular Carcinoma in Explanted Livers of Patients with Genotype D HBV Cirrhosis: Report of the First Experience from Iran, Archives of Iranian Medicine.
16. Hepatocellular carcinoma in two patients with autoimmune hepatitis, a single center experience and review of the literature, Hepatitis Monthly.
17. Liver Transplant in a Case of Arthrogyrosis-Renal Tubular Dysfunction-Cholestasis Syndrome with Severe Intractable Pruritus, Experimental and Clinical Transplantation.
18. The relationship between qt interval dispersion and end-stage liver disease score in the patients undergoing orthotopic liver transplantation, International Cardiovascular Research Journal.
19. Hepatocyte isolation from unused/rejected livers for transplantation: Initial step toward hepatocyte transplantation, the first experience from Iran, Hepatitis Monthly.
20. Isolated tuberculosis of transplanted liver, a case report and review of the literature, Hepatitis Monthly.
21. Cytokine gene polymorphisms and viral hepatitis infections in kidney transplant recipients, Laboratory Medicine.
22. Shiraz Guideline for the Management of Patients with Brain Death, International Journal of Organ Transplantation Medicine
23. Multivisceral and small bowel transplantation at Shiraz organ transplant center, International Journal of Organ Transplantation Medicine.
24. Response to: Comment on new-onset diabetes and impaired fasting glucose after liver transplant: Risk analysis and the impact of tacrolimus dose, Experimental and Clinical Transplantation.

25. The behavior of cardiac progenitor cells on macroporous pericardium-derived scaffolds, *Biomaterials*.
26. New onset diabetes and impaired fasting glucose after liver transplant: risk analysis and the impact of tacrolimus dose, *Experimental and Clinical Transplantation*.
27. Human islet cell isolation: The initial step in an islet transplanting program in Shiraz, southern Iran, *Experimental and Clinical Transplantation*.
28. Study of the relationships between IL-23R, IL-17, IL-21 polymorphisms and serum level of IL-17, IL-21 with acute graft rejection in Iranian liver transplant recipients, *Immunological Investigations*.
29. Discarded organs at Shiraz transplant center, *Experimental and Clinical Transplantation*.
30. En-bloc liver-pancreas transplant in Iran, *Archives of Iranian Medicine*.
31. Polymorphism of the IL-18 and CD40 genes and liver transplant outcome in Iranian patients, *International Journal of Organ Transplantation Medicine*.
32. Liver transplantation and Whipple surgery combined with chemoradiotherapy for treatment of hilar cholangiocarcinoma in patients with primary sclerosing cholangitis, *Liver Transplantation*.
33. Cholangiocarcinoma secondary to primary sclerosing cholangitis in explanted livers: A single-center study in the South of Iran, *Hepatitis Monthly*.
34. Liver transplant for children with hepatocellular carcinoma and hereditary tyrosinemia type 1, *Experimental and Clinical Transplantation*.
35. De Novo Malignancy after Liver Transplant, *Experimental and Clinical Transplantation*.
36. Economic Burden of Hepatitis B Virus-Related Diseases: Evidence from Iran, *Hepatitis Monthly*.
37. Liver transplantation as a definitive treatment for familial hypercholesterolemia: A series of 36 cases, *Pediatric Transplantation*.
38. Five years survival of patients after liver transplantation and its effective factors by neural network and cox proportional hazard regression models, *Hepatitis Monthly*.

39. Genetic evaluation of bone marrow-derived mesenchymal stem cells by a modified karyotyping method, *Comparative Clinical Pathology*.
40. Clinical Experience in Organ Transplant from the Shiraz Transplant Center: 2011, *Experimental and Clinical Transplantation*.
41. IL-17 mRNA expression and cytomegalovirus infection in liver transplant patients, *Experimental and Clinical Transplantation*.
42. A single center study comparing the stainable iron depositions in 1000 explanted cirrhotic livers of different causes, *Hepatitis Monthly*.
43. Predictors of tumor-free survival after liver transplant in patient with hepatocellular carcinoma, *Experimental and Clinical Transplantation*.
44. Parents' education level and mortality and morbidity of children after liver transplantation, *International Journal of Organ Transplantation Medicine*.
45. Fourteen years of experience of liver transplantation for Wilson's disease; A report on 107 cases from Shiraz, Iran.
46. Solid Serous Adenoma of Pancreas, Misdiagnosed as Neuroendocrine Tumor, a Rare Case Report and Review of the Literature, *Journal of Gastrointestinal Cancer*.
47. Transplantation of deceased donor livers with elevated levels of serum transaminases at shiraz transplant center, *Hepatitis Monthly*.
48. Prevalence of metabolic syndrome in liver transplant recipients in Iran, *International Journal of Organ Transplantation Medicine*.
49. Effects of induction therapy with alemtuzumab versus antithymocyte globulin among highly sensitized kidney transplant candidates, *Saudi J Kidney Dis Transpl*.
50. Hepatocellular carcinoma and its precursors in 103 HBV-related cirrhotic explanted livers: A study from south Iran, *Hepatitis Monthly*.
51. Biliary intraepithelial neoplasia (BilIN) in primary sclerosing cholangitis: The first report from Iran, *Hepatitis Monthly*.
52. Post-transplant lymphoproliferative disorder after liver transplantation: Incidence, long-term survival and impact of serum tacrolimus level, *World Journal of Gastroenterology*.

53. Establishment and characterization of a new human acinar cell carcinoma cell line, Faraz-ICR, from pancreas, *Pancreatology*.
54. A new consideration in hepatic artery reconstruction in adult liver transplant: Arterial transposition versus extra-anatomic jump grafts, *Experimental and Clinical Transplantation*.
55. Biliary reconstruction in liver transplant patients with primary sclerosing cholangitis, duct-to-duct or Roux-en-Y, *Clinical Transplantation*.
56. Thirteen-year evaluation of the management of biliary tract complication after deceased donor liver transplantation, *Progress in Transplantation*.
57. Effects of N-acetylcysteine addition to university of Wisconsin solution on the rate of ischemia-reperfusion injury in adult orthotopic liver transplant, *Experimental and Clinical Transplantation*.
58. Evolution of liver transplantation program in Shiraz, Iran, *Hepatitis Monthly*.
59. Classification models to predict survival of kidney transplant recipients using two intelligent techniques of data mining and logistic regression, *International Journal of Organ Transplantation Medicine*.
60. Liver transplantation status in Iran: A multi-center report on the main transplant indicators and survival rates, *Archives of Iranian Medicine*.
61. Improving the biological function of decellularized heart valves through integration of protein tethering and three-dimensional cell seeding in a bioreactor, *Journal of Tissue Engineering and Regenerative Medicine*.
62. Serum magnesium concentration is independently associated with non-alcoholic fatty liver and non-alcoholic steatohepatitis, *United European Gastroenterology Journal*.
63. Experience of liver transplant in patients diagnosed with Budd-Chiari syndrome, *Experimental and Clinical Transplantation*.
64. Blood product transfusion in liver transplantation and its impact on short-term survival, *International Journal of Organ Transplantation Medicine*.
65. Identification of antibody reactive proteins in pancreatic cancer using 2D immunoblotting and mass spectrometry, *Oncology Reports*.

66. University of Wisconsin vs normal saline solutions for preservation of blood vessels of brain dead donors: A histopathological study, *Clinical Transplantation*.
67. Prevalence of postoperation metabolic syndrome in pediatric liver transplant patients: A single center experience, *Experimental and Clinical Transplantation*.
68. Exercise Performance in Pediatric Liver Transplant Recipients and Its Related Cardiac Function, *Pediatric Cardiology*.
69. Downregulation of Hedgehog Ligands in Human Simple Steatosis May Protect Against Nonalcoholic Steatohepatitis: Is TAZ a Crucial Regulator? *IUBMB Life*.
70. Portal vein thrombosis in patients with liver cirrhosis and its impact on early and long-term outcomes after liver transplantation, *International Journal of Clinical Practice*.
71. Cytoprotective effects of olesoxime on isolated human pancreatic islets in order to attenuate apoptotic pathway, *Biomedicine and Pharmacotherapy*.
72. Optimizing methods for human testicular tissue cryopreservation and spermatogonial stem cell isolation, *Journal of Cellular Biochemistry*.
73. Kidney transplant from a deceased donor with renal artery aneurysm: A case report, *Experimental and Clinical Transplantation*.
74. Solid Pseudopapillary Tumor of Pancreas: A Clinicopathologic Report from a Single Institution in Southern Iran, *Archives of Iranian medicine*.
75. Curative treatment of ornithine transcarbamylase deficiency with a liver transplant: A case report, *Experimental and Clinical Transplantation*.
76. Liver Procurement from Poisoned Donors: A Survival Study, *Experimental and Clinical Transplantation*.
77. Amelioration of the apoptosis-mediated death in isolated human pancreatic islets by minocycline, *Eur J Pharmacol*.
78. Hepatic Computed Tomography Volumetry for Noninvasive Detection of Hepatic Steatosis and Steatohepatitis in Living Liver Donors, *Experimental and Clinical Transplantation*.
79. Comparison of Human Mesenchymal Stem Cells Derived from Various Compartments of Human Adipose Tissue and Tunica Adventitia Layer of the Arteries



Subsequent to Organ Donation, International Journal of Organ Transplantation Medicine.

80. Protective effect of nobiletin on isolated human islets survival and function against hypoxia and oxidative stress-induced apoptosis, scientific reports.

81. The Effects of Cold Preservation Solutions Supplemented with UDCA and  $\alpha$ -Lipoic Acid on the Viability and Function of Isolated Human Hepatocytes, International Journal of Organ Transplantation Medicine.

82. Liver Transplant for Primary Hyperoxaluria Type 1: Results of Sequential, Combined Liver and Kidney, and Preemptive Liver Transplant, Experimental and Clinical Transplantation.

83. Nonalcoholic Steatohepatitis Is the Most Rapidly Growing Indication for Liver Transplantation in Iranian Patients, Experimental and Clinical Transplantation.

84. Cytoprotective effects of ginsenoside Rd on apoptosis-associated cell death in the isolated human pancreatic islets, EXCLI Journal.

85. Liver Transplant for Metastatic Neuroendocrine Tumors: A Single-Center Report of 15 Cases, Experimental and Clinical Transplantation.

86. Ex vivo resection and temporary portocaval shunt of unresectable hepatocellular carcinoma followed by autotransplantation of liver: a case report, World Journal of Surgical Oncology.

87. Comparison of Ceftizoxime Plus Ampicillin-Sulbactam versus Gentamicin plus Ampicillin-Sulbactam in the Prevention of Post-Transplant Early Bacterial Infections in Liver Transplant Recipients: A Randomized Controlled Trial, Infection and Drug Resistance.

88. A detailed analysis of the current status of intestinal transplantation in the Middle East, CurrOpin Organ Transplant.