



Name:Li Dianyuan

Education & Appointment: M.D. from Peking Union Medical College, Chinese government-sponsored international student. Worked at Fuwai Hospital for 23 years, appointed as Chief Physician and postgraduate supervisor in 2010. Currently serves as Professor and Doctoral Supervisor at Suzhou Hospital Affiliated to Nanjing Medical University.

Surgical Experience: Independently performed over 5,000 surgeries, including congenital heart diseases (atrial septal defect, ventricular septal defect, patent ductus arteriosus, etc.), complex congenital heart diseases (Tetralogy of Fallot, single ventricle, pulmonary atresia, etc.), adult heart diseases (valvular heart disease, valve replacement + radiofrequency ablation, coronary heart disease, etc.), and major vascular diseases (Bentall procedure, aortic arch replacement), with a mortality rate below 1%.

Honors & Titles: Awarded among the first "Tianfu Scholars" by Sichuan Provincial Organization Department, "Category A Gusu Leading Medical Talent" in Suzhou, and Specially-Appointed Medical Expert of Jiangsu Province.

Professional Affiliations: One of four Chinese representatives in the Asian Xenotransplantation Association; Vice Chairman of the CMIA Cardiac Function Academic Committee; Vice Chairman of the Cardiothoracic Surgery Branch of the Chinese Society of Cardiothoracic and Vascular Anesthesiology; Editorial Board Member of the Chinese Journal of Molecular Cardiology; Member of the Organ Transplantation Branch of the Jiangsu Medical Association.

Research Projects (Recent 5 Years): Secured multiple research grants, including one from Beijing Municipal Science and Technology Commission, one from Shenzhen Science and Technology Innovation Commission, one from Nanjing Medical

University, one specialized project from Suzhou Municipal Hospital, one key project from Peking University International Hospital, one key disease-specific project from Suzhou, one medical technology innovation project from Suzhou, and one Gusu Health Talent Project from Suzhou. Participated in one national frontier project. Total research funding exceeds 4.7 million RMB. Previously involved in four national "11th Five-Year Plan" projects.

Patents: Filed a total of eight patents, including five invention patents, two utility model patents, and one German patent.

Publications & Works: Published over 80 papers, with 45 as first or corresponding author. Authored 16 full-text SCI papers in English. Co-edited two books: Deputy Editor of *Mechanical Circulatory Support - Sister Volume of Braunwald's Heart Disease (2nd Edition)* and Deputy Editor of Extracorporeal Circulation (3rd Edition). Received the First Prize of Earl Bakken from the Chinese Society of Cardiothoracic and Vascular Anesthesiology.

Xenotransplantation Project (Pig-to-Monkey): Led research on pig-to-monkey xenotransplantation, successfully performed 7 pig-to-monkey heart xenotransplantation surgeries, setting a domestic record for recipient monkey survival time. Directed preclinical studies on pig-to-monkey xenotransplantation, including management of immune rejection and optimization of transplantation techniques. Published 5 research papers on pig-to-monkey xenotransplantation in Chinese journals. Participated in developing expert consensus on subclinical research for xenotransplantation and contributed to local standards for xenotransplantation. Presented at international and domestic conferences on cardiac xenotransplantation.