

Director of Cardiac Surgery of the Clinic of Cardiology and Cardiac Surgery at University Medical Center Debrecen, Hungary. He studied medicine at the Debrecen Medical University, where he received MD degree summa cum laude in 1984. From this year until and 1988 he undertook his general surgery training, between 1988 and 1991 completed residency in thoracic surgery. Thereafter he continued his clinical training as a resident in cardiac surgery. In 1990-91 he performed a research fellowship at the Laboratory of Experimental Cardiac Surgery, Catholic University Leuven, Belgium, where he investigated the cardioprotective effect of Lidoflazin. Between 1991-92 he was a visiting surgeon at the Department of Surgery of the Ludwig Maximilian University of Munich and at the North-Rhine Heart Center of the Ruhr-University Bochum in Bad Oeynhausen. As a postdoctoral fellow of the German Academic Exchange Center he studied the cardiac assist devices and heart transplantation. After completing his residency Dr. Szerafin obtained specialist in cardiac surgery in 1995. He obtained his Ph.D. degree in 2000. Between 2000-2001 he continued his training with a visiting fellowship of the European Association at the Department of Thoracic and Cardiovascular Surgery at the Saarland University in Homburg/Saar, Germany, where he learned different techniques of aortic valve sparing techniques, pulmonary thromboendarterectomy as well as the basics of lung transplantation. Thereafter he continued his fellowship at the Department of Cardiothoracic Surgery, Medical University of Vienna to improve his knowledge and skills in heart transplantation. Since that time he started a fruitful collaboration with the Ludwig Boltzmann Cluster for Cardiovascular Research and with the Christian Doppler Laboratory for Cardiac and Thoracic Diagnosis & Regeneration in Vienna, Austria. In 2002 he received the certification of the European Board of Cardiothoracic Surgeons and in 2008 he obtained his habilitation degree in medicine. He won numerous prizes on national and international congresses and received many honors. Main fields of his clinical and research interest are reconstructive aortic valve surgery, prevention and treatment of deep sternotomy wound infections and non-occlusive mesenteric ischaemia as well as effects of carbon dioxide field flooding during open heart surgery.