

RESEARCH AWARDS

- 1990 "Le Grand prix du Jury" of the International NMR Meeting in Lyon
Assessment of Cardiac Rejection with Nuclear Magnetic Resonance with and without Immunosuppressive Therapy
- 1993 2nd prize of the Euroanaesthesia Meeting 1993 in Berne 1993
Quality control of different methods of autologous blood salvage in cardiac surgery
- 1993 Ernst-Derra-Prize of the German Society for Thoracic and Cardiovascular Surgery
MR Spectroscopy for assessing myocardial rejection in the transplanted rat heart
- 1995 Award of the Swiss Society for Research in Surgery (SSRS)
Assessment of Troponin-T for detection of cardiac rejection.
- 1996 Prize of the Schweiz. Rundschau für Medizin (with Th. Locher)
Differenzialdiagnose des Kreislaufstillstandes hypothermer Lawinenopfer: retrospektive Analyse von 32 Lawinenunfällen
- 1999 Arbeitsgruppe Herzinsuffizienz (young investigator award with D. Springe)
Einfluss der mechanischen Kreislauf-unterstützung auf den koronaren Blutfluss“
- 2005 Turkish Society for Vascular Surgery (Best Young Investigator Prize with Dr. Mustafa Cikirikcioglu)
- 2005 European Society for Vascular Surgery (ESVS), prize for the Annual Mtg, Japanese Society for Vascular Surgery, Hokkaido, Japan (with Dr. Mustafa Cikirikcioglu)
New biodegradable scaffolds for vascular tissue engineering: from the polymer to the rat aorta.
- 2005 European Society for Surgical Research. Walter Brendel Awardee Session, 3rd position (with Dr. Mustafa Cikirikcioglu)
- 2005 Société Suisse pour la Science des Animaux de Laboratoire
Prix 2005 (with Dr. Vet Med Suzanne Osorio-da Cruz)
- 2006 Research prize: French Society of Vascular Surgery,
Research prize: Italian Society of Vascular Surgery (with Dr. Damien Mugnai)
- 2007 ESAO Annual Meeting, Krems, Austria (Best Poster Award with Dr. Mustafa Cikirikcioglu)
Planimetric analysis of implanted electrospun PDS-PLA grafts in the rat systemic arterial circulation
- 2008 European Society for Cardio-Vascular Surgery, ESCVS (Young Vascular Surgeon Prize with Dr. Damiano Mugnai)
Experimental aortic replacement in a rat model with degradable synthetic vascular prosthesis
- 2008 ESAO Annual Meeting, Geneva (Wichtig Award with Dr. Benjamin Nottelet)
Factorial design optimization and in vivo feasibility of poly(ϵ -caprolactone)-micro- and nanofiber small diameter vascular grafts

- 2008 Turkish Society for Cardiovascular Surgery (1st Research Award with Dr. Erman Pektok)
Degradation and healing characteristics of small-diameter poly(e-caprolactone) vascular grafts in the rat systemic arterial circulation
- 2009 Prix Denber-Pinard 2009: *Luminal coating of small diameter ePTFE vascular grafts with inorganic and organic materials: effects on neo-endothelialisation, intimal hyperplasia and patency* (Thesis: Dr. M. Cikirikcioglu, Faculté de Médecine 2009)
- 2009 Best Student Prize from the European Society of Biomaterials Lausanne, September (Sarra de Valence):
Assessment of Paclitaxel in the prevention of vascular graft intimal hyperplasia formation.
- 2012 Wichtig Award from the European Society for Artificial Organs (ESAO), Rostock, September (Sarra de Valence):
Long term performance of polycaprolactone vascular grafts in a rat abdominal aorta replacement model
- 2012 Prix Marie-Claude Marti, Geneva, October (Damiano Mugnai).
Experimental noninferiority trial of synthetic small-caliber biodegradable versus stable vascular grafts

AWARDS

- 2008 Trophy of Excellence in the Science of Artificial Organs from the International Federation for Artificial Organs for Scientific Accomplishments
- 2014 ESSR Lifetime Achievement Award for surgical research
- 2018 “Emil Buecherl Award” Lifetime Achievement Award from the European Society for Artificial Organs (ESAO)