

MUDr. Jan BURKERT, Ph.D.

Department of Transplantations and Tissue Bank, University Hospital Motol, Prague

Department of Cardiac and Vascular Surgery, University Hospital Motol, Prague

Date of birth: October 14 1968 **Nationality :** Czech **Family status:** married - 4 children

Graduation: 2. Medical Faculty of Charles University Prague 1994

Degrees: Board certificate General Surgery 1997, Board certificate Cardiac Surgery 2002, Board certificate Vascular Surgery 2005,

Ph.D. - experimental surgery 2009

Short term pregradual training abroad :

1993 Dept. of. General Surgery, Spital Schwyz, Switzerland, 3 months

1992 Dept. of General Surgery, Krankenhaus Martha Maria, Munich, Germany,
2 months

1991 Dept. of Pediatric Surgery, General Hospital of Denver, Denver, USA, 8 weeks

1990 Dept. of Cardiac Surgery & Heart Science Centre, Harefield Hospital, London, UK, 6 weeks

Postgradual training abroad :

2003 - 2004 Department of Cardiac and Thoracic Surgery, Royal Brompton Hospital, London, UK, 12 months,
Senior Specialist Registrar

2001 Department of Cardiac Surgery, Royal Bristol Infirmary, Bristol, UK, 2 months, Fellow Trainee

Work experience :

2001 - present **Department of Transplantations and Tissue Bank** - current post: Head of department

Transplant center - Paediatric kidney transplantations, Lung transplantations, Multiorgan
harvesting and organ preservation

Tissue bank - Allograft heart valves and vessels processing - cryopreservation and clinical use

1996 - present **Department of Cardiovascular Surgery** - current post: Deputy head of education and science,
Consultant Cardiac and Vascular Surgeon

1994 – 1996 3rd Department of General Surgery University Hospital Motol, Prague

Professional associations :

2015 Society of Organ Transplantations - SOT CLS JEP (Committee member)

2007 European Association of Tissue Banks

2000 European Association of Cardio-Thoracic Surgery

1999 Czech Transplantation Society

1997 Czech Society of Cardiovascular Surgery

Languages:

English (IELTS 2001 British Council), German, Russian

Teaching activity:

2014 - present Supervisor of two postgradual PhD students - experimental surgery

2005 - present Lector of 2nd Faculty of Medicine , Charles University - Cardiovascular surgery

2011 - 2013 Dept.of Cardiac Surgery, Western Georgia National Center of Medicine, Kutaisi, Georgia - program
of training for foreign colleagues

Organized and led 8x "Postgraduate Specialization Courses of Modern Cardiac Surgery", including
the practical introduction of surgical techniques

Research activity :

2004-2009 **PhD study** - Quality of heart valve allografts during processing - morphological changes in scan microscope

Co-author of 2 Research Grants of Ministry of Health of the Czech Republic:

- 1) Gianturco tracheobronchial stent in growing being & after lung transplantation (successfully completed in 1995 and nominated for The Ministry of Health Award)
- 2) Miniaturisation of cardiopulmonary bypass (successfully completed in 1998)

Publications : published manuscripts - czech journals 18, foreign journals 17, (10 IF)

1 chapter textbook - Aortic regurgitation - Heart valve allografts in aortic valve surgery

Lecture professional activity : czech and foreign symposiums 43



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