



**Kurpisz Maciej K., MD, PhD, Doctor honoris causa**

**POSITION TITLE:** Professor, Head Dept. of Reproductive Biology and Stem Cells, Institute of Human Genetics Polish Academy of Sciences, Poznan, Poland

**EDUCATION:**

Medical University of Poznan, Poland, 1974-1980, MD, medicine  
Medical University of Poznan, Poland, 1982, MD-doctorate, medicine, immunology  
London Hospital Medical College, UK, 1982-1985, Post-doc, immunology  
Oregon Regional Primate Center, Oregon, USA, 1985-1986, Vis. scientist, reprod. medicine  
Jones Institute for Reproductive Medicine, VA, USA, 1988-1989, Vis. scientist, reprod. medicine  
Institute of Immunology and Experimental Therapy, Wroclaw, Poland, 1989, PhD, reprod. medicine  
Institute of Human Genetics, Polish Academy of Sciences, Poznan, Poland, 1996, Professor, genetics

**Clinical Experience – Infertility**

10/80 to 10/81 Postgraduate Medical Training, in gynaecology, general surgery, pediatrics and internal medicine; MD  
12/81 to 12/84 Emergency Ambulance – general practitioner; MD  
01/85 to 12/88 Out Patient for Sudden Disease, Emergency Help – Poznan; MD  
10/89 to 1995 Out Patient for Idiopathic Infertility, Institute for Gynaecology and Obstetrics, Medical School, Poznan; Asst. Professor  
08/95 to 2000 Medical College Hospital of Poznan in Gynaecology and Obstetrics, Andrology Unit; Professor  
03/2000 to 08/02 Out Patient Clinic Grunwaldzka, Poznan, Infertility Consultant, Professor  
09/02 to 07/05 Head, Clinic of Infertility “Intermedica”, Professor  
08/05 to 07/06 Infertility Clinic “Invitromedica”, Infertility Consultant in Andrology, Reproductive Genetics and Immunology, Poznan  
08/06 to present Infertility Clinic “Invi-med”, Infertility Consultant in Andrology, Reproductive Genetics and Immunology, Poznan

**Clinical Experience – Stem Cells**

2001 – 2003 Muscle-derived stem cells in post-infarction heart – Phase I Clinical Trial, Cardiosurgery  
2003 – 2005 Muscle-derived stem cells in post-infarction heart – Phase I Clinical Trial, Invasive cardiology (percutaneous approach)  
2006 to present Myoblasts in Post-Ischaemic Cardiomyopathy Phase I/II Clinical Trial, 1<sup>st</sup> Clinic in Cardiology, Medical School of Poznan  
2006 to present Myoblasts in Cardiomyopathy (Mitral Valve Failure) Phase I/II Clinical Trial with Silesian Center for Heart Disease, Zabrze  
2006 to present Cytograft – Autologous Vessel Engineering Phase I Clinical Trial, Cardiovascular Clinic, Katowice, Silesian Medical School

**Memberships of Professional Societies:**

2016 Councillors of the European Society for Reproductive Immunology, ESRI  
2015-2017 Chairman, Section of Experimental Cardiology, Polish Society for Cardiology  
2013 Honorary Member of the Ukrainian Society for Pathophysiology  
2012 Member of the European Society of Cardiology, ESC  
2010-2013 President of the European Society for Reproductive Immunology, ESRI  
2009—to present Expert in the “Faculty 1000” in urology, specialization field: male infertility/andrology  
2007-2010 President-Elect of the European Society for Reproductive Immunology, ESRI  
2005 – to present Expert in ESAAM, European Society for Anti-Aging Medicine  
2004 – to present Member of the international jury of the Royan International Research Award  
2003 – to present Member of International Council for Science (ICSU) at President Pol. Acad. Sci.  
2000 – 2006 President of the European Society for Reproductive and Developmental Immunology  
1998-2002 President of the Polish Society for Experimental and Clinical Immunology  
1998 – to present Initiator and Member of Scientific Council, Society for Biology of Reproduction  
President, Commission for Biology of Reproduction, Pol. Acad. Sci.  
1996-1999 Secretary General and President-Elect of the European Society for Reproductive and Developmental Immunology, ESRADI

**Membership of Editorial Boards of International Journals**

Scientific Reports - since 2016  
Andrology – since 2016  
Journal of Cardiovascular Medicine & Treatment – since 2016  
Journal of Stem Cell Research and Regenerative Medicine – since 2016  
Translational Genetics and Genomics – since 2016

World Heart Journal – since 2010  
 Open Immunology Journal –since 2007  
 Journal of Reproductive Immunology – since 2003  
 Medical Science Monitor – 2003-2010  
 Reproductive Biology – since 1998  
 Central European Journal of Immunology – since 1998  
 Ippocrate, 1998-2003

**Experience in research projects and R&D projects (with particular reference to those carried out with international cooperation):** Prof. Kurpisz is experienced scientist developing new technologies based on stem cell-therapies in regenerative medicine and reproductive biology mainly connected with male infertility genetics and experimental andrology. He has successfully sought 67 grants – 58 national and 9 international, among them two grants from the Wellcome Trust, World Health Organization, SSA European Commission including “Stem cells application for myocardial repair”, NATO-Collaborative Linkage Grant, 2 R&D grants of NCR&D (No. NR13 0066 06 “Couple infertility – identification of molecular grounds as a basis for introducing algorithms for its prevention” and No. NR13 0065 06 “Myoblasts and their function in regenerative medicine – clinical and pre-clinical studies”, 2009-2014), grants No. 2014/13/B/NZ3/04646 “ Cytoprotective role of antioxidants towards cells of myogenic origin in *in vitro* and *in situ* conditions” (2015-2018); No. PBS3/A7/27/2015 “Molecular imaging (including nanotechnology) for monitoring of implanted stem cells and their pro-regenerative functions”– Applied Research Programme (2015–2018); No. 2014/15/B/ST4/04946 “Quantification of cancer tissue oxygenation measured with BOLD-MRI – calibration with oximetry EPRI” (2015-2018) and 2 R&D projects in the framework of STRATEGMED „Prevention practices and treatment of civilization diseases”: EPI CELL and GRP&ALS (2015-2017).

He was published over 400 scientific articles, books/monographs and book chapters in prestigious journals including New England Journal of Medicine, Gene, Genes and Immunity, American Journal of Medical Genetics, Chromosome Research, Circulation, European Heart Journal, American Heart Journal, Nature Clinical Practice, Cell Transplantation, International Journal of Cardiology, Biology of Reproduction, Fertility and Sterility, Human Reproduction, Molecular Human Reproduction, Molecular Reproduction and Development, Journal of Reproductive Immunology, International Journal of Andrology, Journal of Andrology and others. Citations (Web of Science): over 2000 (without self-citations), H-index: 27, total IF over 400.

#### Honors

2016	Award granted by the Main Board of the Polish Genetics Society for the series of publication "Genetic background of male infertility - comprehensive studies on sperm and gametogenic cells in carriers of chromosome aberrations"
2016	Award of the Editor-in-Chief of the <i>Asian Journal of Andrology</i> for the best evaluations of scientific reports in AJA
2014	Knight's Cross of the Order of Polonia Restituta – for outstanding contribution to the development of science, for achievements in research and teaching, Poznan
2014	Award of Editor-in-Chief of the <i>Asian Journal of Andrology</i> for the best evaluations of scientific reports in 2013
2012	International Forum Award, in Innovative Technologies for Medicine, ITMED 2012
2011	Prize of Ryszard Kapuściński – for innovative therapies which help to the people
2011	Doctor Honoris causa of Lviv Medical University granted for achievements in the field of reproductive genetics and the introduction of organ therapy using stem cells
2010	“Man of the Year 2010 Prize” of American Institute of Biography for excellence in research and innovation
2007	Ministry of Health Application Award for myoblast grafting to post-infarction heart
2004	International Award of Royan Institute; molecular basis for male infertility
2001	Scientific Award City of Poznan for studies on molecular background of human reproduction
1996	Prime Minister Award in outstanding achievements in reproductive biology
1989-1992	Member of Committee for Sperm Antigen Nomenclature at World Health Organization
1988-1990	Member of the International Coordinating Committee for Reproductive Immunology
1985	Medical Sciences Award in Reproductive Immunology, Polish Academy of Sciences

#### Selected peer-reviewed publications:

- Number of papers in refereed journals (Pub-Med):	212
- Number of publications (total):	402
- Number of books and monographies:	13
- Number of book chapters:	48

Cumulated IF < 400, Total citations (Web of Science) without self-citations over 2000, H-Index - 27

- Altogether, 67 grants were successfully sought	67
- Doctor of habilitation – promotion	3
- Doctoral degree, supervision of	13 persons
- M.Sc. degree, supervision of	29 persons