



Curriculum Vitae

Personal information Marcin Maruszewski

Work experience

- October 2021 - present: Associate Professor at Andrzej Frycz Modrzewski Krakow University, Kraków, Poland
- July 2021 - present: Independent Member of the Supervisory Board and Audit Committee at PKO Leasing S.A., Łódź, Poland
- January 2021 - present: Warsaw University of Life Sciences – SGGW, Warsaw, Poland
- January 2021 - May 2021: Medical Expert at Łukasiewicz – Institute of Innovative Technologies EMAG, Katowice, Poland
- July 2020 - July 2021: Vice President of the Supervisory Board at VERSHOLD CEE, Warsaw, Poland
- April 2020 - present: Attending Cardiac and Transplant Surgeon at University Clinical Center, Gdańsk, Poland: heart&lung transplantation procurement and surgery
- April 2020 - July 2021: Vice President of the Supervisory Board at ELTUR Serwis Ltd., Bogatynia, Poland
- April 2020 - December 2020: Executive Board Member for Medical Affairs, Gliwice City Hospital
- March 2020 - present: Innovation Coach at Ministry of Development Funds and Regional Policy
- March 2020 - present: Expert at Polish National Agency for Academic Exchange, Poland
- February 2020 - present: Expert at Polish Agency for Enterprise Development, Warsaw, Poland
- January 2020 - present: Expert at Foundation for Polish Science, Warsaw, Poland
- December 2019 - present: Expert at Medical Research Agency, Warsaw, Poland
- September 2019 - present: EU Panel Expert (EX2013D163751)
- June 2019 - present: Associate Professor at Cardinal Stefan Wyszyński University in Warsaw, Poland
- May 2019 - present: Member of the Scientific Advisory Board at PZU Zdrowie S.A., Scientific Board Member, Warsaw, Poland
- March 2019 - present: Member of the Scientific Advisory Board at National Institute of Geriatrics, Rheumatology and Rehabilitation, Warsaw, Poland
- November 2018 - present: Associate Director of Transplant College, CMKP, Warsaw, Poland
- July 2017 - September 2019: General Manager of Central Clinical Hospital of the Ministry of Interior, Warsaw, Poland
- December 2016 - May 2017: Medical expert of The Social Insurance Institution, Zabrze, Poland: Medical examination & disability verification
- January 2012 - present: Expert at The National Centre for Research and Development, Warsaw, Poland
- April 2008 - August 2009: Clinical/Production Liaison at Cytograft Tissue Engineering Inc., Novato, USA: Clinical trials and novel device regulations
- November 2007 - May 2008: Transplant Retrieval Fellow at Royal Brompton & Harefield NHS Trust, London, UK: heart&lung transplantation & mechanical circulatory support
- November 2002 - June 2017: Attending Cardiac and Transplant Surgeon at Silesian Center for Heart Disease, Zabrze, Poland: heart&lung transplantation & surgery including mechanical circulatory support
- October 2001 - October 2002: Intern at Gliwice City Hospital, Gliwice, Poland: General medical internship

Education and training

- September 2019 - January 2020: Leadership Academy for Poland, Center for Leadership, Poland
- September 2018 - October 2020: Master of Business Administration, WSB Academy & EY Academy of Business, Poland
- May 2013 - September 2013: Fellow of the European Board of Cardiovascular Surgery, Austria
- September 2011 - June 2012: IT Technologies in healthcare management (e-health), University of Economics, Poland
- September 2010 - June 2011: Healthcare management, University of Economics, Poland
- March 2010 - May 2011: Ph.D. in clinical transplantation, Medical University of Silesia, Poland
- November 2004 - June 2005: Hesperis Course in Transplantation of European Society of Organ Transplantation, Austria-Italy
- December 2003 - April 2013: Specialist Cardiac Surgeon, Center for Medical Examination, Poland

Additional information

Publications

1. Maruszewski M, Wojarski J, Karolak W, Rogowski J, Tobiasz J, Polanska J, Żegleń S. Transplant Proc. 2022 May;54(4):1060-1064. doi: 10.1016/j.transproceed.2022.03.008. Epub 2022 May 3 [Early and Midterm Results of Orthotopic Heart Transplantation in Poland \(2015-2019\)](#).
2. Karolak W, Stańska A, Wojarski J, Shinde R, Ciak E, Polishchuk A, Lojko M, Sheikhsagha E, Ulstrup IH, Łacka M, Maruszewski M, Woźniak-Grygiel E, Abba ME, Górski D, Żegleń S. Transplant Proc. 2022 May;54(4):1078-1081. doi: 10.1016/j.transproceed.2022.03.015. Epub 2022 May 15. [Demographic and Psychosocial Characteristics of Lung Transplant Candidates: Single-Center Analysis](#).
3. Karolak W, Dukat-Mazurek A, Woźniak-Grygiel E, Łacka M, Wojarski J, Moszkowska G, Dębska-Zielkowska J, Zielińska H, Łukaszewska J, Sharma N, Lango-Maziarz A, Maruszewski M, Żegleń S. Transpl Immunol. 2022 Apr;71:101553. doi: 10.1016/j.trim.2022.101553. Epub 2022 Feb 12. [Anti-HLA immunization of patients qualified for lung transplantation - Single center study](#).
4. Ochman M, Stanjek-Cichoracka A, Latos M, Wojarski J, Kukla M, Woźniak-Grygiel E, Maruszewski M, Karolak W, Przybyłowski P, Żegleń S. Transplant Proc. 2018 Sep;50(7):2039-2043. doi: 10.1016/j.transproceed.2018.02.169. Epub 2018 Mar 13. [Serum Adipokine Levels in Patients Considered for Lung Transplantation](#).
5. Karolak W, Pastwa K, Addo SA, Khan S, Shinde R, Nuur IM, Kumaravel A, Reta FK, Wojarski J, Maruszewski M, Woźniak-Grygiel E, Chmielecki M, Frankiewicz A, Nagajewski A, Abba ME, Łacka M, Żegleń S. Transplant Proc. 2022 May;54(4):1074-1077. doi: 10.1016/j.transproceed.2022.02.049. Epub

- 2022 Apr 18. [Routine Coronary Angiography is Still the Key Test for Patients Eligible for Lung Transplantation Also for Those With No Symptoms and With High Risk of Coronary Artery Disease.](#)
6. Przybylski R, Pawlak S, Śliwka J, Urlik M, Maruszewski M, Kukulski T, Nożyński J, Zembala M. *Kardiochirurgia Pol.* 2015 Dec;12(4):314-7. doi: 10.5114/kitp.2015.56780. Epub 2015 Dec 30. [Aortic cusp extension valvuloplasty: repair with an extracellular patch.](#)
 7. Ochman M, Maruszewski M, Latos M, Jastrzębski D, Wojarski J, Karolak W, Przybyłowski P, Zeglen S. *Transplant Proc.* 2018 Sep;50(7):2059-2063. doi: 10.1016/j.transproceed.2018.02.106. Epub 2018 Mar 13. [Nordic Walking in Pulmonary Rehabilitation of Patients Referred for Lung Transplantation.](#)
 8. Abba ME, Zegleń S, Łącka M, Maruszewski M, Kowalski J, Stachowicz-Chojnacka K, Wojarski J, Ulatowski N, Karolak W. *Transplant Proc.* 2022 May;54(4):1177-1179. doi: 10.1016/j.transproceed.2022.02.037. Epub 2022 Apr 8. [Lung Transplant in a Patient With Multifocal Langerhans Cell Histiocytosis After Chemotherapy With Cladribine: A Case Report.](#)
 9. Karolak W, Wojarski J, Zegleń S, Ochman M, Urlik M, Hudzik B, Wozniak-Grygiel E, Maruszewski M. *Transpl Infect Dis.* 2017 Aug;19(4). doi: 10.1111/tid.12703. Epub 2017 May 15. [Superficial herpes simplex virus wound infection following lung transplantation.](#)
 10. Ochman M, Wojarski J, Wiórek A, Slezak W, Maruszewski M, Karolak W, Przybyłowski P, Krzych Ł, Zeglen S. *Transplant Proc.* 2018 Sep;50(7):2070-2074. doi: 10.1016/j.transproceed.2017.12.060. Epub 2018 Mar 13. [Usefulness of the Impulse Oscillometry System in Graft Function Monitoring in Lung Transplant Recipients.](#)
 11. Maruszewski M, Smoczyński R, Kowalewski M, Bartczak M, Witkowska A, Staromłyński J, Drobiński D, Kujawski M, Suwalski P. *Wideochir Inne Tech Maloinwazyjne.* 2019 Apr;14(2):326-332. doi: 10.5114/wiitm.2019.81663. Epub 2019 Jan 22. [Pilot study of totally thoracoscopic periaortic approach for minimally invasive mitral valve surgery. Towards even less invasive?](#)
 12. Wojarski J, Ochman M, Medrala W, Kulaczowska Z, Karolak W, Maruszewski M, Urlik M, Wozniak-Grygiel E, Siola M, Latos M, Biniszkiwicz P, Pyrc K, Zeglen S. *Transplant Proc.* 2018 Sep;50(7):2064-2069. doi: 10.1016/j.transproceed.2017.11.080. Epub 2018 Mar 13. [Bacterial Infections During Hospital Stay and Their Impact on Mortality After Lung Transplantation: A Single-Center Study.](#)
 13. Ochman M, Maruszewski M, Wojarski J, Zegleń S, Karolak W, Stanjek-Cichoracka A, Przybyłowski P, Zembala M, Kukla M. *Ann Transplant.* 2017 Dec 26;22:761-768. doi: 10.12659/aot.904994. [Serum Levels of Visfatin, Omentin and Irisin in Patients with End-Stage Lung Disease Before and After Lung Transplantation.](#)
 14. Nożyński J, Zakliczyński M, Zembala-Nożyńska E, Konecka-Mrówka D, Przybylski R, Nikiel B, Mlynarczyk-Liszka J, Lange D, Mrówka A, Przybylski J, Maruszewski M, Zembala M. *Transplant Proc.* 2009 Jan-Feb;41(1):281-4. doi: 10.1016/j.transproceed.2008.10.067. [Cardiocyte nuclear chromatin density correlates with transplanted heart left ventricular mass.](#)
 15. Kucewicz-Czech E, Wojarski J, Zegleń S, Przybylski R, Zembala M, Głowacki J, Saucha W, Goliszek L, Szafron B, Maruszewski M, Czyżewski D. *Kardiol Pol.* 2009 Sep;67(9):989-94. [Pulmonary hypertension - intra- and early postoperative management in patients undergoing lung transplantation.](#)
 16. König G, McAllister TN, Dusserre N, Garrido SA, Iyican C, Marini A, Fiorillo A, Avila H, Wystrychowski W, Zagalski K, Maruszewski M, Jones AL, Cierpka L, de la Fuente LM, L'Heureux N. *Biomaterials.* 2009 Mar;30(8):1542-50. doi: 10.1016/j.biomaterials.2008.11.011. Epub 2008 Dec 25. [Mechanical properties of completely autologous human tissue engineered blood vessels compared to human saphenous vein and mammary artery.](#)
 17. McAllister TN, Maruszewski M, Garrido SA, Wystrychowski W, Dusserre N, Marini A, Zagalski K, Fiorillo A, Avila H, Mangano X, Antonelli J, Kocher A, Zembala M, Cierpka L, de la Fuente LM, L'Heureux N. *Lancet.* 2009 Apr 25;373(9673):1440-6. doi: 10.1016/S0140-6736(09)60248-8. [Effectiveness of haemodialysis access with an autologous tissue-engineered vascular graft: a multicentre cohort study.](#)
 18. Wojarski J, Ochman M, Latos M, Biniszkiwicz P, Karolak W, Woźniak-Grygiel E, Maruszewski M, Urlik M, Medrala W, Kulaczowska Z, Pyrc K, Zegleń S. *Transplant Proc.* 2018 Sep;50(7):2053-2058. doi: 10.1016/j.transproceed.2017.12.059. Epub 2018 Mar 13. [Immunosuppressive Treatment and Its Effect on the Occurrence of Pneumocystis jirovecii, Mycoplasma pneumoniae, Chlamydia pneumoniae, and Legionella pneumophila Infections/Colonizations Among Lung Transplant Recipients.](#)
 19. Zakliczyński M, Nożyński J, Konecka-Mrowka D, Pyka L, Trybunia D, Swierad M, Maruszewski M, Zembala M. *J Heart Lung Transplant.* 2009 Mar;28(3):255-9. doi: 10.1016/j.healun.2008.12.011. [Quality effect correlates with biopsy-proven acute cellular rejection but does not predict transplanted heart coronary artery vasculopathy.](#)
 20. Zakliczyński M, Pacholewicz J, Copik I, Maruszewski M, Hrapkowicz T, Przybylski R, Zembala M. *Kardiochirurgia Pol.* 2018 Mar;15(1):23-26. doi: 10.5114/kitp.2018.74671. Epub 2018 Mar 28. [Mechanical circulatory support is effective to treat pulmonary hypertension in heart transplant candidates disqualified due to unacceptable pulmonary vascular resistance.](#)
 21. Nożyński J, Zakliczyński M, Konecka-Mrówka D, Nikiel B, Mlynarczyk-Liszka J, Zembala-Nożyńska E, Lange D, Maruszewski M, Zembala M. *Transplant Proc.* 2009 Jan-Feb;41(1):99-104. doi: 10.1016/j.transproceed.2008.09.065. [Advanced glycation end products in the development of ischemic and dilated cardiomyopathy in patients with diabetes mellitus type 2.](#)
 22. Maruszewski M, Zakliczyński M, Przybylski R, Kucewicz-Czech E, Zembala M. *Transplant Proc.* 2007 Nov;39(9):2850-2. doi: 10.1016/j.transproceed.2007.08.077. [Use of sildenafil in heart transplant recipients with pulmonary hypertension may prevent right heart failure.](#)
 23. Zakliczyński M, Nożyński J, Konecka-Mrowka D, Krynicka-Mazurek A, Swierad M, Maruszewski M, Przybylski R, Zembala M. *J Thorac Cardiovasc Surg.* 2009 Jul;138(1):215-21. doi: 10.1016/j.jtcvs.2009.02.040. Epub 2009 May 1. [Vascular abnormalities and cardiomyocyte lipofuscin deposits in endomyocardial biopsy specimens of heart transplant recipients: are they related to the development of cardiac allograft vasculopathy?](#)
 24. Zakliczyński M, Maruszewski M, Pyka L, Trybunia D, Nadziakiewicz P, Przybylski R, Zembala M. *Transplant Proc.* 2007 Nov;39(9):2856-8. doi: 10.1016/j.transproceed.2007.08.069. [Effectiveness and safety of treatment with sildenafil for secondary pulmonary hypertension in heart transplant candidates.](#)
 25. Kucewicz-Czech E, Wojarski J, Zegleń S, Urbańska E, Przybylski R, Pawlak S, Maruszewski M, Czapla J, Zukowska-Szczechowska E, Zembala M. *Kardiol Pol.* 2010 Sep;68(9):1088-90. [Cardiac surgery in dialysis-patients with end-stage renal failure.](#)
 26. McAllister TN, Dusserre N, Maruszewski M, L'heureux N. *Regen Med.* 2008 Nov;3(6):925-37. doi: 10.2217/17460751.3.6.925. [Cell-based therapeutics from an economic perspective: primed for a commercial success or a research sinkhole?](#)
 27. Nożyński J, Zakliczyński M, Zembala-Nożyńska E, Konecka-Mrówka D, Przybylski R, Nikiel B, Lange D, Mrówka A, Przybylski J, Maruszewski M, Zembala M. *Transplant Proc.* 2007 Nov;39(9):2833-40. doi: 10.1016/j.transproceed.2007.08.074. [Remodeling of human transplanted myocardium in ten-year follow-up: a clinical pathology study.](#)
 28. Zakliczyński M, Pyka L, Trybunia D, Krynicka A, Wilczek P, Maruszewski M, Nadziakiewicz P, Herdyńska-Was M, Przybylski R, Zembala M. *Ann Transplant.* 2006;11(4):4-11. [Influence of panel reactive antibodies \(PRA\) on perioperative course in patients undergoing elective cardiac surgery procedures, and impact of these procedures on PRA occurrence.](#)
 29. Zakliczyński M, Zebik T, Maruszewski M, Swierad M, Zembala M. *Transplant Proc.* 2005 Mar;37(2):1346-8. doi: 10.1016/j.transproceed.2005.01.012. [Usefulness of pulmonary hypertension reversibility test with sodium nitroprusside in stratification of early death risk after orthotopic heart transplantation.](#)
 30. Zakliczyński M, Swierad M, Zakliczyńska H, Maruszewski M, Buszman P, Zembala M. *Transplant Proc.* 2005 Mar;37(2):1343-5. doi: 10.1016/j.transproceed.2004.12.143. [Usefulness of stanford scale of intimal hyperplasia assessed by intravascular ultrasound to predict time of onset and severity of cardiac allograft vasculopathy.](#)
 31. Zakliczyński M, Swierad M, Nożyński J, Maruszewski M, Zembala M. *Transplant Proc.* 2009 Jan-Feb;41(1):285-8. doi: 10.1016/j.transproceed.2008.10.062. [Survival benefit in heart transplant recipients](#)

- [who have coronary artery disease confirmed using angiography and are receiving sirolimus.](#)
32. Nozynski J, Zakliczynski M, Zembala-Nozynska E, Konecka-Mrowka D, Przybylski R, Nikiel B, Lange D, Mrowka A, Przybylski J, Maruszewski M, Zembala M. *Transplant Proc.* 2007 Nov;39(9):2846-9. doi: 10.1016/j.transproceed.2007.08.076. [Cardiocyte nucleus shape as an indicator of heart graft aging.](#)
 33. Nozynski J, Zakliczynski M, Zembala-Nozynska E, Konecka-Mrowka D, Nikiel B, Przybylski R, Lange D, Maruszewski M, Zembala M. *Transplant Proc.* 2007 Nov;39(9):2841-5. doi: 10.1016/j.transproceed.2007.08.075. [Transplanted heart cardiomyocytes reveal continuous expression of antiapoptotic Bcl-2 protein.](#)
 34. Swierad M, Zakliczynski M, Maruszewski M, Zebik T, Honisz G, Chodór P, Wojarski J, Nadziakiewicz P, Kucewicz E, Przybylski R, Gasior M, Poloński L, Kalarus Z, Zembala M. *Kardiol Pol.* 2009 Jan;67(1):106-9. [Reversibility of pulmonary hypertension assessment as an expected standard of diagnosis and prognosis on cardiology ward in Poland.](#)
 35. Zakliczynski M, Swierad M, Lekston A, Maruszewski M, Zakliczyńska H, Barańska-Kosakowska A, Przybylski R, Kalarus Z, Poloński L, Zembala M. *Kardiol Pol.* 2004 Oct;61(10):339-48; discussion 349. [Percutaneous coronary interventions in patients with transplanted heart coronary artery disease. Effects of intracoronary stent implantation on long-term results.](#)
 36. Pacholewicz J, Farnas A, Kaperczak J, Przybylski R, Borzymowski J, Ryfiński B, Zych Z, Nadziakiewicz P, Kaliś R, Maruszewski M, Zembala M. *Kardiol Pol.* 2003 Jan;58 Suppl 1:139-42. [Coronary artery bypass noninvasive OPCAB technique in patients after age 65.](#)

Projects

1. April 2021 - February 2022: AI-based CAD systems for COVID-19 detection and monitoring in high resolution computed tomography with COVID-19 Imaging Reporting and Data System - COVID-RADS. Budget: 1.5M EUR. Role: Key medical research personnel.
2. December 2009 - February 2011: Polish Artificial Heart - validation of III generation rotor pump clinical application. Budget: 2M EUR. Role: Key medical research personnel.
3. October 2004 - December 2006: Polish Ministry of Science: Prospective randomized study comparing full arterial revascularization using minimally invasive OPCAB technique versus extracorporeal circulation. Budget: 0.5M EUR. Role: Key medical research personnel.

Memberships

1. May 2012: TIAPISZ'12 - The concept of expert system knowledge base for cardiac surgery. Presentation of original work on the application of artificial intelligence tools for decision making support in clinical medicine (cardiac surgery).
2. April 2011: International Society for Heart and Lung Transplantation Annual Meeting, San Diego, California, USA - Recognized Oral Presentation on Preoperative Oral Sildenafil Administration May Prevent Transplanted Heart Right Ventricle Failure.
3. December 2010: Zbigniew Religa prize for The Best Research in Bioengineering. Foundation for Cardiac Surgery Development in Poland.
4. May 2009: 6th European Symposium of Vascular Biomaterials, Strasbourg, France - Young Researcher Prize finalist - Biological Neck Fixation Will Improve Stent Graft Anchoring.
5. May 2008 - September 2009: Stanford University, Vascular Surgery Division Scholar, USA
6. December 2003 & November 2006: Medical University of Innsbruck, Department of Cardiac Surgery & Transplantation Scholar, Austria
7. Journal reviews:
 1. Vascular Health and Risk Management (IF 3,17)
 2. Polskie Archiwum Medycyny Wewnętrznej (IF 1,4)
 3. European Journal of Cardio-Thoracic Surgery (IF 2,8)
 4. Interactive Cardiovascular and Thoracic Surgery (IF 1,3)
 5. Kardiochirurgia i Torakochirurgia Polska
8. May 1996 - present: Mensa Polska - active member

Other Relevant Information