

CURRICULUM VITAE

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I am a physician of the University Catheterization Laboratories & Intensive Cardiac Care of the I Department of Cardiology (Co-Head), Medical University of Gdansk, Poland. I received my medical degree in 2007 and have specialized in cardiology at the University Hospital of Gdansk, Poland and University Hospital in Zurich, Switzerland (Prof. Thomas F. Luescher). From Gdansk, I moved to University Heart Centre of Zürich, Switzerland, where I worked as a Research & Clinical Fellow in the multicenter project: Inflammation and acute coronary syndrome (ACS) – novel strategies for prevention and clinical management funded by a Swiss National Science Foundation. In 2014 I moved to Charité University Hospital in Berlin, Germany, to build up the Berlin Invasive Research and Quantification Core Laboratory for professional intracoronary imaging (Prof. Juan Luis Gutiérrez-Chico). I am a recipient of a Research Grant of the European Society of Cardiology (ESC in Paris 2011) and Training Interventional Fellowship of European Association of Percutaneous Cardiovascular Interventions EAPCI (EuroPCR 2013). I received numerous awards, including the reward of the Board of Presidents of Polish Cardiac Society in 2019 for excellence in clinical medicine and research in the field of cardiovascular diseases as well as the Honoris Causa Doctorate of the International European University in Kiev, Ukraine. I am a past-president of the Club 30 of Polish Cardiac Society and editor-in-chief of the *Cardiology Journal* (IF2022 3,0). In 2024, I successfully completed the Clinical Scholars Research Training Program (2023-2024) at Harvard Medical School in Boston.

My research focuses on the interventional cardiology incl. invasive imaging, device failure, renal nerve ablation, acute pulmonary embolism/CTEPH, pathophysiology of atherosclerosis, biomarkers, antithrombotic therapy. My publication list comprises over 300 articles including the *New England Journal of Medicine* (IF >1400, h-index 35/38/ 47, WoS/Scopus/Google Scholar).

PERSONAL DATA

Date of birth: 28.02.1982
Place of birth: Torun, Poland
Citizenship: Polish

EDUCATION

2001-2007	Medical University of Gdansk, Faculty of Medicine
2009	assistant, I Department of Cardiology, Medical University of Gdansk
2010	Clinical & Research Fellow, Cardiovascular Center Cardiology, University Hospital of Zürich, Switzerland
2013	Fellowship in Interventional Cardiology, Andreas Grüntzig Cardiac Catheterization Laboratories, University Hospital of Zürich, Switzerland
2014	Clinical & Research Fellow, Department of Cardiology Charité – University Berlin, Benjamin Franklin Campus, Berlin, Germany
2017	Physician, Univ. Catheterization Laboratories, Medical University of Gdansk

UNIVERSITY DEGREES

2012	PhD thesis (field: CTO & outcomes) Medical University of Gdansk, Poland
2015	habilitation (field: innovative diagnostic & interventional procedures in patients referred to the catheterization laboratories with the diagnosis of ACS)
2018	full professorship (professor in medicine, field: interventional cardiology)
2020	honorary doctorate at the International European University of Kiev, Ukraine

MAIN PRIZES AND AWARDS

2007	Scientific Reward of Rector of Medical University of Gdansk
2011	European Society of Cardiology Research Grant Reward, ESC Paris
2013	laureate, Jan Uphagen Award 2012 for young researchers, Gdansk
2013	Grant for the Young Investigator, Club 30 of the Polish Society of Cardiology
2013	Training Fellowship of the EAPCI, EuroPCR Paris
2015	Stipend for Young Scientist of Ministry of Science of Poland
2018	SuperTalent in Medicine of Poland, Warsaw
2019	reward of the Board of Presidents of Polish Cardiac Society, Katowice

PERSONAL RESEARCH FIELD

2010	Research & Clinical Fellowship, Cardiovascular Center Cardiology, University Hospital of Zurich, Grant Swiss National Science Foundation
2011	Study Investigator, International Takotsubo Registry
2011	Study Investigator, Circulating microRNA as a potential biomarker of Takotsubo cardiomyopathy – Research Grant, European Society of Cardiology
2015	Analysis Supervisor, Berlin Invasive Research and Quantification Core Laboratory
2019	PI, ADONIS-PCI Study (New Strategy of Dual Antithrombotic Therapy with Dabigatran and Ticagrelor in Patients with Acute Coronary Syndrome and non-valvular Atrial Fibrillation); funded by Medical Research Agency (2,8 mln Euro)
2021	Principal Investigator for Poland, MULTISTARS-AMI trial (MULTivessel Immediate versus STAGed Revascularization in Acute Myocardial Infarction); funded by University Hospital of Zurich, Switzerland
2021	PI, LEVOTAKO trial (Levosimendan in Takotsubo Syndrome); funded by Medical Research Agency (2,4 mln Euro)
2021	CLinical EVIDence-based Research in HEART and vascular medicine (CLEVERHEART) Univ. Interventional CoreLab (Team Leader) funded by Ministry of Science of Poland (infrastructural grant 2,0 mln PLN)

THE EUROPEAN SOCIETY OF CARDIOLOGY ACTIVITIES

2015	ESC Congress Faculty, London, ESC Guidelines Quiz (organization)
2016	ESC Congress Faculty, Rome, ESC Guidelines Quiz (organization)
2017	ESC Congress Faculty, Barcelona, ESC Guidelines Quiz (organization)
2024-2026	<i>ESC Congress Committee</i> of the ESC Board, interventions
2024-2026	<i>ESC Volunteers Committee</i> Representative of the Polish Cardiac Society

INTERVENT CATHLAB ACTIVITY

2007-2010	Fellow of the Univ. Catheterization Laboratory, Medical University of Gdansk
2010-2015	Fellow of Gruentzig Catheterization Laboratory, Cardiovascular Center, University Hospital of Zurich, Switzerland (Roberto Corti, Thomas Luescher)
2015	Fellow of Benjamin Franklin Campus Charité Univ. Hospital Berlin (Ulf Landmesser)
2016	Physician, University Catheterization Laboratories, Medical University of Gdansk, Poland

PERSONAL FIELD OF INTERVENTIONAL INTERESTS

complex coronary interventions, incl. chronic total occlusions, interventions in STEMI incl. in cardiogenic shock with cardiac support devices, drug-eluting stents & coronary bioresorbable platforms, intracoronary imaging techniques: IVUS, OCT, NIRS, coronary physiology, incl. microvascular function, left atrial appendage closure, renal nerve ablation, balloon pulmonary angioplasty, PERT interventions, left ventricle support devices

LANGUAGE ABILITIES

English-fluent, German-fluent

PUBLICATION DETAILS

impact Factor: **1466**; h-index **36** (Web of Science) / **38** (Scopus) / **47** (Google Scholar)

1. **Jaguszewski M.***, Jeger R.*, Nallamothu B. N., Lüscher T. F., Urban P., Pedrazzini GB., et al. Acute multivessel revascularization improves 1-year outcome in ST-elevation myocardial infarction: a nationwide study cohort from the AMIS Plus registry. *Int. J. Cardiol.* 2014
2. **Jaguszewski M.**, Osipova J., Ghardi J.R., Napp L. C., Widera C., F.e J., et al. A signature of circulating microRNAs differentiates takotsubo cardiomyopathy from acute myocardial infarction. *Eur. Heart J.* 2014
3. **Jaguszewski M.**, Ciećwierz D., Gilis-Malinowska N., Fijałkowski M., Targonski R., et al. Successful versus unsuccessful antegrade recanalization of single chronic coronary occlusion: eight-year experience and outcomes by a propensity score ascertainment. *Catheter. Cardiovasc. Interv.* 2015
4. **Jaguszewski M.**, Manes C., Puippe G., Salzberg S., Müller M., Falk V., Lüscher T., et al. Cardiac CT and echocardiographic evaluation of peri-device flow after percutaneous left atrial appendage closure using the AMPLATZER cardiac plug device. *Catheter. Cardiovasc. Interv.* 2015
5. Templin C., Ghadri JR., Diekmann J., Napp LC., Bataiosu DR., **Jaguszewski M.**, et al. Clinical features and outcomes of takotsubo (stress) cardiomyopathy. *New Eng. J. Med.* 2015
6. **Jaguszewski M.**, Ghadri JR., Zipponi M., Bataiosu DR., Diekmann J., Geyer V et al. Feasibility of second-generation bioresorbable vascular scaffold implantation in complex anatomical and clinical scenarios. *Clin. Res. Cardiol.* 2015
7. **Jaguszewski M.**, Dörig M., Frangieh AH., Ghadri JR, Cammann VL, Diekmann J., et al. Safety and efficacy profile of bioresorbable-poly(lactide-polymer-biolimus-A9)-eluting stents versus durable-polymer- everolimus- and zotarolimus-eluting stents in patients with acute coronary syndrome. *Catheter. Cardiovasc. Interv.* 2016
8. **Jaguszewski M.**, Aloysius R., Wang W., Bezerra HG., Hill J., De Winter R.J., et al. The REMEDEE-OCT study: an evaluation of the bioengineered COMBO Dual-Therapy CD34 antibody covered sirolimus-eluting coronary stent compared with a cobalt-chromium everolimus-eluting stent in patients with acute coronary syndromes: insights from optical coherence tomography imaging analysis. *JACC Cardiovasc. Interv.* 2017
9. **Jaguszewski M.**, Zabalza Cerdeiriña M, Alushi B, Engel LC, Schwemmler C, et al. How should I treat re- current chest pain and systolic dysfunction after chemotherapy with anthracyclines? *EuroIntervention* 2017
10. Navarese E.P., Lansky A.J., Kereiakes D.J., Kubica J., Gurbel P.A., Gorog D.A., Valgimigli M., Curzen N., Kandzari D.E., Bonaca M.P., Brouwer M., Umińska J., **Jaguszewski M.J.**, et al. Cardiac mortality in patients randomised to elective coronary revascularisation plus medical therapy or medical therapy alone : a systematic review and meta-analysis. *Eur. Heart J.* 2021