

## Curriculum Vitae


### **Dr. med. Patricia Wischmann**

born 1989 in Idar-Oberstein, Germany

**Current position and address:** Attending and Postdoctoral Research Fellow  
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### **EDUCATION AND TRAINING**

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|---------------------|--|
| <b>2009-2015</b>    | Medical School, Martin Luther University Halle- Wittenberg;<br>Zürich Inselspital, Schweiz; Luzern Kantonspital, Schweiz   |
| <b>2016-2022</b>    | Residency, Division of Cardiology, Pulmonology and Vascular<br>Medicine, University Hospital Düsseldorf, Germany   |
| <b>2023-present</b> | Attending, Division of Cardiology, Pulmonology and Vascular<br>Medicine, University Hospital Düsseldorf, Germany   |
| <b>2016</b>         | Thesis: "Evaluation of access to follow-up treatment and its<br>prognostic significance after cardiac and thoracic surgery or<br>cardiological hospitalization in patients with coronary heart<br>disease." (Prof. Dr. med. Axel Schlitt/ Prof. Dr. med. Karl<br>Werdan) |
| <b>2021</b>         | Board Certification <i>Emergency Medicine</i>  |
| <b>2022</b>         | Board Certification <i>Internal Medicine and Cardiology</i>  |
| <b>2023</b>         | Board Certification <i>Interventional Angiology (DGK)</i>  |

## FELLOWSHIPS, GRANTS AND AWARDS

<b>2022-2025</b>	Clinical Scientist Track, Medical Faculty, Heinrich Heine University Düsseldorf, Germany.
<b>2021</b>	Edens-Preis der Heinrich-Heine Universität Düsseldorf
<b>2022</b>	Jühling Award der Heinrich-Heine Universität Düsseldorf
<b>2023</b>	EDFS/Lilly Young Investigator Research Award Programme

## MEMBERSHIPS

- **Deutsche Gesellschaft für Kardiologie - Herz- und Kreislaufforschung e.V.(DGK)**
- **European Society of Cardiology (ESC)**

## MAJOR RESEARCH INTERESTS

- RBC (dys) function in acute myocardial infarction
- Interventional Therapy of PAD patients
- Percutaneous transluminal angioplasty in diabetic foot syndrome
- Metabolic disorders in ACS and PAD patients

## MAJOR PUBLICATIONS:

**Wischmann P\***, Kuhn V\*, Suvorava T, Muessig JM, Fischer JW, Isakson BE, Haberkorn SM, Flögel U, Schrader J, Jung C, Cortese-Krott MM, Heusch G, Kelm M. Anaemia is associated with severe RBC dysfunction and a reduced circulating NO pool: vascular and cardiac eNOS are crucial for the adaptation to anaemia. Basic Res Cardiol. 2020;115(4):43

**Wischmann P**, Chennupati R, Solga I, Funk F, Becher S, Gerdes N, Anker S, Kelm M, Jung C. Safety and efficacy of iron supplementation after myocardial infarction in mice with moderate blood loss anaemia. ESC Heart Fail. 2021 Dec;8(6):5445-5455.

**Wischmann P**, Bruno RR, Wernly B, Wolff G, Afzal S, Rezar R, Cramer M, Heramvand N, Kelm M, Jung C. Relevance of pre-existing anaemia for patients admitted for acute coronary syndrome to an intensive care unit: a retrospective cohort analysis of 7418 patients. Eur Heart J Open. 2022 Jun 15;2(4):oeac040.

Chennupati R†\*, Solga I\*, **Wischmann P\***, Dahlmann P, Celik FG, Pacht D, Yogathasan V, Hosen MR, Gerdes N, Kelm M and Jung C. Chronic anemia is associated with systemic endothelial dysfunction. *Front Cardiovasc Med.* 2023 May 10;10:1099069.

**Wischmann P**, Chennupati R, Solga I, Yogathasan V, Langerbein C, Jäger L, Gerdes N, Kelm M and Jung C. Red blood cell-mediated cardioprotection is impaired in ST-elevation myocardial infarction patients with anemia. *JACC Basic to Transl Science.* 2023, 8 (1392-1394).