

Curriculum Vitae

Prof. Dr. Dr. med. Christian Jung

born in Solingen, Germany

present position: Head, Coronary Heart Disease and Critical Care division

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Education and training

- 1998 – 2005 Medical Schools, Universities of Rostock, Freiburg, Zürich and St. Petersburg (Florida, USA)
- 2005 – 2007 Residency, Department for Cardiology, Angiology, Pulmonary diseases and Intensive Care at the University Hospital Jena, Germany
- 2007 – 2009 Postdoctoral fellow, Department for Cardiology, Karolinska University Hospital and Center for Molecular Medicine, Experimental Cardiovascular Research, Karolinska University Hospital, Stockholm, Sweden
- 2009 – 2013 Residency, Department for Cardiology, Angiology, Pulmonary diseases and Intensive Care at the University Hospital Jena, Germany
- 2013 Board certification, Specialist and Consultant in Internal Medicine and Cardiology
- 2013 Venia legendi for Internal Medicine
- 2015 PhD-Degree (Karolinska Institute Stockholm, Sweden)
- Since 2015 W2-Professor for Interventional Cardiology and Cardiovascular Intensive Care Medicine, Heinrich-Heine-University, Düsseldorf

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Publications:

Complete list of publications: [Link](#)

Five major publications in 2019-2021:

1. Masyuk M, Wernly B, Lichtenauer M, Franz M, Kabisch B, Muessig JM, Zimmermann G, Lauten A, Schulze PC, Hoppe UC, Kelm M, Bakker J, Jung C. **Prognostic relevance of serum lactate kinetics in critically ill patients. Intensive Care Med.** 2019 Jan;45(1):55-61
2. Jung C, Flaatten H, Fjølner J, Bruno RR, Wernly B, Artigas A, Bollen Pinto B, Schefold JC, Wolff G, Kelm M, Beil M, Svirni S, van Heerden PV, Szczeklik W, Czuczwar M, Elhadi M, Joannidis M, Oeyen S, Zafeiridis T, Marsh B, Andersen FH, Moreno R, Cecconi M, Leaver S, Boumendil A, De Lange DW, Guidet B. **The impact of frailty on survival in elderly intensive care patients with COVID-19: the COVIP study.** Crit Care. 2021 Apr 19;25(1):149
3. Yoon SH, Whisenant BK, Bleiziffer S, Delgado V, Dhoble A, Schofer N, Eschenbach L, Bansal E, Murdoch DJ, Ancona M, Schmidt T, Yzeiraj E, Vincent F, Niikura H, Kim WK, Asami M, Unbehaun A, Hirji S, Fujita B, Silaschi M, Tang GHL, Kuwata S, Wong SC, Frangieh AH, Barker CM, Davies JE, Lauten A, Deuschl F, Nombela-Franco L, Rampat R, Nicz PFG, Masson JB, Wijeyesundera HC, Sievert H, Blackman DJ, Gutierrez-Ibanes E, Sugiyama D, Chakravarty T, Hildick-Smith D, de Brito FS Jr, Jensen C, Jung C, Smalling RW, Arnold M, Redwood S, Kasel AM, Maisano F, Treede H, Ensminger SM, Kar S, Kaneko T, Pilgrim T, Sorajja P, Van Belle E, Prendergast BD, Bapat V, Modine T, Schofer J, Frerker C, Kempfert J, Attizzani GF, Latib A, Schaefer U, Webb JG, Bax JJ, Makkar RR. **Outcomes of transcatheter mitral valve replacement for degenerated bioprostheses, failed annuloplasty rings, and mitral annular calcification.** Eur Heart J. 2019 Feb 1;40(5):441-451.
4. Guidet B, de Lange DW, Boumendil A, Leaver S, Watson X, Boulanger C, Szczeklik W, Artigas A, Morandi A, Andersen F, Zafeiridis T, Jung C, Moreno R, Walther S, Oeyen S, Schefold JC, Cecconi M, Marsh B, Joannidis M, Nalapko Y, Elhadi M, Fjølner J, Flaatten H. **The contribution of frailty, cognition, activity of daily life and comorbidities on outcome in acutely admitted patients over 80 years in European ICUs: the VIP2 study. VIP2 study group.** Intensive Care Med. 2020 Jan;46(1):57-69.
5. 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 Jun 12;115(4):43

Major research interest:

- Interventional cardiology: coronary and structural heart disease, acute coronary syndrome
 - Cardiogenic shock and acute heart failure, hemodynamics and (micro-)circulation
 - Pharmacological therapy in reperfusion injury
 - Intensive care medicine
 - Arginine metabolism, endothelial biology, metabolism and regeneration
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Prices:

- DIVI Research Award 2012
- A.L. Copley Best Paper Prize for 2016 (as senior author)
- DGIIN Research Prize 2017
- ESICM Research Award 2017 (as steering committee member of VIP2 study)

Activities:

- Chair, Working group on Intensive Care Medicine (German Cardiac Society)
- Section Chair, European Society of Intensive Care Medicine
- Congress Committee Member, European Society of Intensive Care Medicine
- Editor of several peer review journals
- Frequent reviewer of >65 different peer review journals
- Grant reviewer (American Diabetes Association, USA, ZonMw, The Netherlands, Dutch Heart Foundation, The Netherlands, Ludwig-Boltzmann Foundation, Austria, German Heart Research Foundation; Germany, Medical Faculty, University Hospital Zurich, Switzerland, DGK Research Grant, Germany, DFG Deutsche Forschungsgemeinschaft (DFG), Germany)
- Principle Investigator of VIP Studies (www.vipstudy.org), with >350 sites in >40 countries

Currently (2021) ongoing public funding:

