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- seit 09/2018 Oberarzt in der Abteilung für Kardiologie am Jung Stilling Krankenhaus, Siegen

Publikationsverzeichnis von PD. Dr. E. Chavakis

Originalarbeiten

1. **Chavakis E**, Dernbach E, Hermann C, Mondorf UF, Zeiher AM, Dimmeler S. Oxidized LDL inhibits vascular endothelial growth factor-induced endothelial cell migration by an inhibitory effect on the Akt/endothelial nitric oxide synthase pathway. **Circulation**. 2001 Apr 24;103(16):2102-7. **IF 2001: 10.517**
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5. **Chavakis E**, Aicher A, Heeschen C, Sasaki K, Kaiser R, El Makhfi N, Urbich C, Peters T, Scharffetter-Kochanek K, Zeiher AM, Chavakis T, Dimmeler S. Role of beta2-integrins for homing and neovascularization capacity of endothelial progenitor cells. **J Exp Med**. 2005 Jan 3;201(1):63-72. **IF 2005: 13.965**
6. Urbich C, Heeschen C, Aicher A, Sasaki K, Bruhl T, Farhadi MR, Vajkoczy P, Hofmann WK, Peters C, Pennacchio LA, Abolmaali ND, **Chavakis E**, Reinheckel T, Zeiher AM, Dimmeler S.

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9. Koyanagi M, Urbich C, **Chavakis E**, Hoffmann J, Rupp S, Badorff C, Zeiher AM, Starzinski-Powitz A, Haendeler J, Dimmeler S. Differentiation of circulating endothelial progenitor cells to a cardiomyogenic phenotype depends on E-cadherin. **FEBS Lett.** 2005 Nov 7;579(27):6060-6. **IF 2005: 3.415**

10. **Chavakis E**, Hain A, Vinci M, Carmona G, Bianchi ME, Vajkoczy P, Zeiher AM, Chavakis T, Dimmeler S. High-mobility group box 1 activates integrin-dependent homing of endothelial progenitor cells. **Circ Res.** 2007 Feb 2;100(2):204-12. **IF 2007: 9.721**

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Übersichtsarbeiten und Buchkapitel

1. **Chavakis E**, Dimmeler S. Regulation of endothelial cell survival and apoptosis during angiogenesis. **Arterioscler Thromb Vasc Biol.** 2002 Jun 1;22(6):887-93. Review. **IF 2002: 6.350**

2. **Chavakis E**, Urbich C, Dimmeler S. Homing and engraftment of progenitor cells: A prerequisite for cell therapy. **J Mol Cell Cardiol.** 2008 Oct;45(4):514-22. Review. **IF 2009: 5.054**

3. **Chavakis E**, Choi EY, Chavakis T. Novel aspects in the regulation of the leukocyte

adhesion cascade. **Thromb Haemost.** 2009 Aug;102(2):191-7. Review. **IF 2009: 4.451**

4. **Chavakis E**, Koyanagi M, Dimmeler S. Enhancing the outcome of cell therapy for cardiac repair: progress from bench to bedside and back. **Circulation.** 2010 Jan 19;121(2):325-35. **IF 2009: 14.816**

5. **Chavakis E**, Dimmeler S. Homing of Progenitor Cells to Ischemic Tissues. **Antioxid Redox Signal.** 2011 Feb 3. **IF 2009: 8.456**

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Erath JW, Puntmann VO, **Chavakis E**, Hohnloser SH. Syncope on exertion in a young male. **HeartRhythm Case Rep.** 2018 Apr 22;4(7):324-327.

Gewählte eingeladene Vorträge

Role of integrin regulation for progenitor cell homing and for angiogenesis. Eingeladener Vortrag im Max Planck Institut, Martinsried, 29.02.2008.

Role of integrin regulation for progenitor cell homing to ischemic tissues and angiogenesis.
Eingeladener Vortrag im Herzzentrum Goettingen, 09.06.2008.

Role of integrin regulation for progenitor cell homing to ischemic tissues and angiogenesis.
Eingeladener Vortrag an der Eberhard Karls Universität Tübingen, 04.11.2008.

Role of integrin regulation in endothelial cells and angiogenesis. Eingeladener Vortrag, Einladung von Silvio J. Gutkind, Direktor des National Institute of Dental and Craniofacial Research, National Institutes of Health in National Institutes of Health, Bethesda, Maryland, U.S.A, 06.11.2009.

Neovascularization by progenitor cells: Role of integrins and integrin regulation for the homing of progenitor cells to ischemic tissues. 3rd Congress on non- hematopoietic stem cells, Tübingen, 20-21 November 2009.

Mechanisms of integrin regulation in endothelial cells and their role in angiogenesis Schloss Rauschholzhausen, Ebsdorfergrund, DGAF Meeting, 19.03.2013.

Mechanisms of integrin regulation in endothelial cells and their contribution to angiogenesis. Eingeladener Vortrag (CARID Lecture) an der Universität Düsseldorf, 20.03.2014.

Mechanisms of integrin regulation in endothelial cells and their contribution to angiogenesis. Eingeladener Vortrag in dem Alexander Fleming Biomedical Sciences Research Center, Athen, Griechenland, 19.05.2014.

Mechanisms of integrin regulation in endothelial cells and their contribution to angiogenesis. Meeting „Mechanisms of disease and the road to therapy- a dialogue between basic and translational science“, Hannover 12.09.2014.

Role of mechanisms of Integrin regulation in angiogenesis, DGK Herbsttagung, Berlin

06.10.2016.