CURRICULUM VITAE

Personal data

Name	David Peter Kaluza
Birthplace	03.04.1981 in Bad Kreuznach, Germany
Family status	single

Academic education

11/2008→now	PhD thesis at the Institut for Cardiovascular Regeneration, Center of Moleculare Medicine, Goethe-University Frankfurt am Main, Germany *Topic:* *FUNCTIONAL CHARACTERIZATION OF THE CLASS II HISTONEDEACETYLASE (HDAC) MEMBERS HDAC6 AND HDAC9 IN VASCULAR BIOLOGY*
04/2004 – 11/2008	Academic studies of biomedical chemistry (chemistry) at the Johannes Gutenberg-University in Mainz; Germany Diploma thesis at Prof. Stefanie Dimmeler at the Institut for Cardiovascular Regeneration, Center of Moleculare Medicine, Goethe-University Frankfurt am Main, Germany Diploma-thesis: Characterization of the anti-angiogenic histondeacetylases HDAC5 in endothelial cells
02/2002 – 01/2009	Academic studies of biology at the Johannes Gutenberg-University in Mainz; Germany Diploma thesis at Prof. Stefanie Dimmeler at the Institut for Cardiovascular Regeneration, Center of Moleculare Medicine, Goethe-University Frankfurt am Main, Germany Diploma-thesis: Characterization of the anti-angiogenic histondeacetylases HDAC5 in endothelial cells

School education

1992-2001	Abitur at the Alfred-Delp-Schule in Hargesheim, Germany

Publications	Urbich C, Rössig L, **Kaluza D**, Potente M, Boeckel JN, Knau A, Diehl F, Geng JG, Hofmann WK, Zeiher AM, Dimmeler S. HDAC5 is a repressor of angiogenesis and determines the angiogenic gene expression pattern of endothelial cells. Blood. 2009 May 28;113(22):5669-79. **Kaluza D**, Kroll J, Gesierich S, Yao TP, Boon RA, Hergenreider E, Tjwa M, Rössig L, Seto E, Augustin HG, Zeiher AM, Dimmeler S, Urbich C. Class IIb HDAC6 regulates endothelial cell migration and angiogenesis by deacetylation of cortactin. EMBO J. 2011 Aug

16;30(20):4142-56.

Urbich C, **Kaluza D**, Frömel T, Knau A, Bennewitz K, Boon RA, Bonauer A, Döbele C, Böckel JN, Hergenreider H, Zeiher AM, Kroll J, Fleming I, Dimmeler S. MicroRNA-27a/b controls repulsion and angiogenesis by targeting semaphorin 6A in endothelial cells. Manuscript submitted.

Kaluza D, Gesierich S, Bonauer A, Doebele C, Kroll J, Zelent A, Rössig L, Dimmeler S, Urbich C. HDAC9 promotes angiogenesis and down-regulates the anti-angiogenic miR-17-92 cluster in endothelial cells. Manuscript in preparation.

Presentations

Oral presentation "HDAC5 regulates angiogenic growth factors and guidance molecules and represses angiogenesis" Scientific Sessions of the American Heart Association 8 – 12. 11. 2008, New Orleans, Louisiana (USA)

Oral presentation "Class IIb HDAC6 contributes to angiogenesis and endothelial cell function" Scientific Sessions of the American Heart Association 14 – 17. 11. 2009, Orlando, Florida (USA)

Poster presentation "Class IIb HDAC6 contributes to angiogenesis and endothelial cell function" 76. Jahrestagung der Gesellschaft für Kardiologie – Herz- und Kreislaufforschung e.V., 08. - 10.04.2010 in Mannheim, Germany

Poster presentation "Class IIb HDAC6 contributes to angiogenesis and endothelial cell function" and poster presentation "HDAC9 promotes angiogenesis and down-regulates the anti-angiogenic miR-17-92 cluster in endothelial cells" Scientific Sessions of the American Heart Association 2010, 13. - 17.11.2010, Chicago, IL (USA)

Oral presentation "Class IIb HDAC6 regulates endothelial cell migration and angiogenesis by deacetylation of cortactin" and poster presentation "HDAC9 promotes angiogenesis and down-regulates the anti-angiogenic miR-17-92 cluster in endothelial cells" 77. Jahrestagung der Gesellschaft für Kardiologie – Herz- und Kreislaufforschung e.V., 27. - 30.04.2011 in Mannheim, Germany

Oral presentation "Class IIb HDAC6 regulates endothelial cell migration and angiogenesis by deacetylation of cortactin" International SFB Symposium, 29-30. 09, 2011 in Mannheim, Germany

Oral presentation "Class IIb HDAC6 regulates endothelial cell migration and angiogenesis by deacetylation of cortactin" Scientific Sessions of the American Heart Association 12 – 16. 11. 2011, Orlando, Florida (USA)