



Education (College/University):

- 1999-2006 Human Medicine, Hannover Medical School
2003-2007 M.D. Thesis, Department of Cardiology and Angiology, Hannover Medical School

Highest degree:

M.D.

Major Subjects:

Hematology, Oncology, Immunology

Research project topic:

The role of the cellular adaptor protein p14 in hematopoiesis and leukemia.

First name:

Daniel

Last name:

Kotlarz

Date of birth:

28.08.1978

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Germany

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Supervisor:

Prof. Klein

**Department of Pediatric
Hematology and Oncology**

Scholarships:

1. Herbert-Quandt-Stiftung of the VARTA AG (2003 - 2006)
2. PhD stipendship of the German José Carreras Leukemia Foundation

Scientific Interests and Goals:

My primary interest in science is to understand the development of the immune system at a molecular level. For my PhD thesis work, I will focus on studying the role of an endosomal adaptor protein, p14, in hematopoiesis and leukemia. In particular, I wish to delineate the role of p14 in hematopoietic stem cell development using the Cre-loxP based transgenic mouse model system.

Hobbies and other interests:

Athletic sports

Publications:

1. Landmesser U, Engberding N, Bahlmann FH, Schaefer A, Wiencke A, Heineke A, Spiekermann S, Hilfiker-Kleiner D, Templin C, **Kotlarz D**, Mueller M, Fuchs M, Hornig B, Haller H, Drexler H. Statin-induced improvement of endothelial progenitor cell mobilization, myocardial neovascularization, left ventricular function, and survival after experimental myocardial infarction requires endothelial nitric oxide synthase. *Circulation*. 2004 Oct 5;110(14):1933-9.
2. Kempf T, Eden M, Strelau J, Naguib M, Willenbockel C, Tongers J, Heineke J, **Kotlarz D**, Xu J, Molkentin JD, Niessen HW, Drexler H, Wollert KC. The transforming growth factor-beta superfamily member growth-differentiation factor-15 protects the heart from ischemia/ reperfusion injury. *Circulation Research*. 2006 Feb 17;98(3):351-60.
3. Templin C, **Kotlarz D**, Marquart F, Faulhaber J, Brendecke V, Schaefer A, Tsikas D, Bonda T, Hilfiker-Kleiner D, Ohl L, Naim HY, Foerster R, Drexler H, Limbourg FP. Transcoronary delivery of Bone Marrow Cells to the Infarcted Murine Myocardium - Feasibility, Homing, and Improvement of Cardiac Function. *Basic Research in Cardiology*. 2006 Jul;101(4):301-10.
4. Salguero-Lopez G, Akin E, Templin C, **Kotlarz D**, Grote K, Schieffer B. Renovascular Hypertension by Two-Kidney One-Clip Enhances Endothelial Progenitor Cell Mobilization in a 47phox-Dependent manner. *Hypertension*. In press.
5. Templin C, **Kotlarz D**, Rathinam C, Rudolph C, Schätzlein S, Ramireddy K, Rudolph KL, Schlegelberger B, Klein C, Drexler H. Establishment of immortalised multipotent hematopoietic progenitor cell lines by retroviral-mediated gene transfer of β -catenin. *Experimental Hematology*. In press. equal contribution.
6. Templin C, **Kotlarz D**, Faulhaber J, Schnabel S, Brendecke V, Grote K, Salguero G, Wasielewski R, Hiller KH, Jakob P, Schieffer B, Hilfiker-Kleiner D, Limbourg FP, Drexler H. Hematopoietic