

## Univ.-Prof. Dr. Wolfram Ruf

\*20.03.1958

Alexander von Humboldt-Professorship for Experimental Hemostaseology  
Scientific Director of the CTH  
Deputy Spokesperson of the CTH and the CTVB

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### Academia

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| 1987      | Doctorate (Dr. med.) in the clinical research group for blood coagulation and thrombosis of the Max Planck Society, Justus-Liebig University of Gießen (G. Müller-Berghaus) |
| 1984-1986 | PhD scholarship of the Max Planck Society   |
| 1977-1984 | Studies of humane medicine, Justus-Liebig University of Gießen  |

### Career

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| seit 2014 | Scientific director, CTH Mainz   |
| seit 2013 | Alexander von Humboldt-Professorship, CTH Mainz  |
| seit 2007 | Margaret Thatcher Professor of Biological Chemistry, Thrombosis Research Institute, London (UK) (external affiliation) |
| seit 2005 | Professor, Department of Immunology and Microbial Science, The Scripps Reserach Institute, La Jolla (USA)              |
| 1992-2005 | Assistant to Associate Professor, The Scripps Research Institute, La Jolla (USA)                                       |
| 1990-1992 | Senior Research Associate, The Scripps Research Institute, La Jolla (USA)  |
| 1988-1990 | DFG Exchange Program, Department of Immunology, Scripps Clinic, La Jolla (USA)   |
| 1987-1988 | Scientist, clinical research group for blood coagulation and thrombosis of the Max Planck Society                      |

### Awards

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| 2016 | Simon Karpatkin Memorial Lecture, 8th International Conference on Thrombosis and Haemostasis Issues in Cancer |
| 2015 | Distinguished Career Award der International Society on Thrombosis and Haemostasis                            |

2013	Alexander von Humboldt-Professorship
2012	Mosesson Lecture, Blood Reserach Institute, Blood Center of Wisconsin
2007	Sol Sherry Distinguished Lecturer in Thrombosis, ATVB Council, American Heart Association
2005	Special Recognition Award ATVB Council, American Heart Association
2005	Investigator Recognition Award, International Society on Thrombosis and Haemostasis
1999	gewähltes Mitglied der American Society for Clinical Investigation
1996	Established Investigator Award der American Heart Association
1988	Otto Hahn-Medal of the Max Planck Society Germany

### Selected Publications

Kossmann S, Lagrange L, Jäckel S, Jurk K, Ehlken M, Schönfelder T, Weihert Y, Knorr M, Brandt M, Xia N, Li H, Daiber A, Oelze M, Reinhardt C, Lackner K, Monia M, Karbach SH, Walter U, Ruggeri Z, Renné T, **Ruf W**, Münzel T, Wenzel P (2017) Platelet-localized FXI promotes a vascular coagulation-inflammatory circuit in arterial hypertension. *Sci Transl Med* 2017 9(375)

Rothmeier AS, Marchese P, Petrich BG, Furlan-Freguia C, Ginsberg MH, Ruggeri ZM, **Ruf W** (2015) Caspase-1-mediated pathway promotes generation of thromboinflammatory micro-particles. *J Clin Invest* 125:1471-84

Langer F, Spath B, Fischer C, Stolz M, Ayuk FA, Kroger N, Bokemeyer C, Ruf W (2013) Rapid activation of monocyte tissue factor by antithymocyte globulin is dependent on complement and protein disulfide isomerase. *Blood* 121:2324-35

Reinhardt C, Bergentall M, Greiner TU, Schaffner F, Östergren-Lundén G, Petersen LC, **Ruf W**, and Bäckhed F (2012) Tissue factor and PAR1 promote microbiota-induced intestinal vascular remodeling. *Nature* 483:627-31

Badeanlou L, Furlan-Freguia C, Yang G, **Ruf W\***, Samad F\* (2011) Tissue factor-PAR2 signaling promotes diet-induced obesity and adipose tissue macrophage inflammation. *Nat Med* 17:1490-7 \*corresponding authors

Versteeg HH, Schaffner F, Kerver M, Petersen HH, Ahamed J, Felding-Habermann B, Takada Y, Mueller B, **Ruf W** (2008) Inhibition of tissue factor signaling suppresses tumor growth. *Blood* 111:190-199

Versteeg HH, Schaffner F, Kerver M, Ellies LG, Andrade-Gordon P, Mueller BM, **Ruf W**. (2008) Protease-activated receptor (PAR) 2, but not PAR1, signaling promotes the development of mammary adenocarcinoma in polyoma middle T mice. *Cancer Res* 68:7219-27

Ahamed J, Versteeg HH, Kerver M, Chen VM, Mueller BM, Hogg PJ, **Ruf W** (2006) Disulfide isomerization switches tissue factor from coagulation to cell signaling. *Proc Natl Acad Sci USA* 103:13932-13937