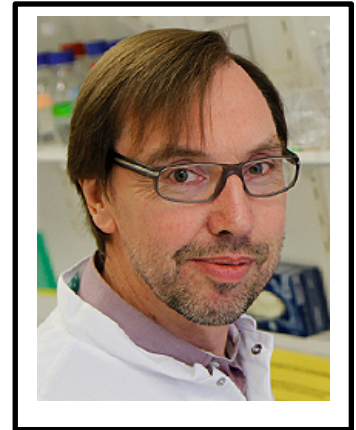


Curriculum Vitae Robert A.J. Oostendorp

Name: Oostendorp
Given name: Robertus (Robert) Anthonius Johannes
Date of birth: 14.04.1963



Education

2013 Associated (Appl.-)Professor
2006 Habilitation in Experimental Hematology
1992 PhD (Dr.), "Vrije Universiteit", Amsterdam, the Netherlands
1987-1992 PhD research at the Institute of Pathology, "Vrije Universiteit," Amsterdam, the Netherlands
1985-1987 Master Study of Farmacochemistry (main subject: Molecular Toxicology), "Vrije Universiteit," Amsterdam, the Netherlands
1981-1984 Bachelor Study of Chemistry, "Vrije Universiteit," Amsterdam, the Netherlands

Job experience

Since 2003 Head of the Laboratory of Stem Cell Physiology, Department of Internal Medicine III (Director: Univ.-Prof. Dr.med Florian Bassermann), Klinikum rechts der Isar, Technical University Munich, Germany
2000-2003 Postdoctoral Research at the Department of Internal Medicine III, Klinikum rechts der Isar, Technical University Munich, Germany (Supervision: Univ.-Prof. Dr.med. Christian Peschel)
1998-2000 Postdoctoral research at the Department of Cell Biology and Genetics, Erasmus University, Rotterdam, the Netherlands (Supervision: Prof. Elaine Dzierzak)
1998 Junior Group leader of the Stem Cell Laboratory, Institute of Experimental Hematology, Helmholtz Center, Munich, Germany
1996-1998 Postdoctoral research at the Terry Fox laboratory, British Columbia cancer Agency, Vancouver, Canada (Supervision: Prof. Connie J Eaves)
1992-1996 Postdoctoral research at the Institute of Experimental Hematology, Helmholtz Center, Munich, Germany (Supervision: Prof. Hans-Günther Mergenthaler)
1984 Animal caretaker, Vrije Universiteit Amsterdam, Institute of Pathology, Amsterdam, The Netherlands (Supervision: Prof. Rik J. Scheper)

10 Most important Publications (Newest first)

1. Landspersky T, Geuder J, Stein M, Sacma M, Braitsch K, Jennifer Riviere, Hettler F, Romero Marquez S, Vilne B, Hameister E, Richter D, Schönhals E, Tuckermann J, Verbeek M, Herhaus P, Hecker JS, Bassermann F, Götze KS, Enard W, Geiger H, Oostendorp RAJ*, Schreck C*. Targeting CDC42 reduces skeletal degeneration after hematopoietic stem cell transplantation. **Blood Adv.** 2024; 8: 5400-5414. doi: 10.1182/bloodadvances.2024012879. (* joint senior authorship).
2. Hettler F*, Schreck C*, Romero Marquez S, Engleitner T, Vilne B, Landspersky T, Weidner H, Hausinger R, Mishra R, Oellinger R, Rauner M, Naumann R, Peschel C, Bassermann F, Rad R, Istvanffy R*, Oostendorp RAJ*. Osteoprogenitor SFRP1 prevents exhaustion of Hematopoietic Stem Cells via PP2A-PR72/130-mediated regulation of p300. **Haematologica.** 2023; 108: 490-501. (* joint first/ senior authorship). doi: 10.3324/haematol.2022.280760.
3. Landspersky T, Saçma M, Rivière J, Hecker JS, Hettler F, Hameister E, Brandstetter K, Istvánffy R, Romero Marquez S, Ludwig R, Götz M, Buck M, Wolf M, Schiemann M, Ruland J, Strunk D, Shimamura A, Myers K, Yamaguchi TP, Kieslinger M, Leonhardt H, Bassermann F, Götze KS, Geiger H, Schreck C°, Oostendorp RAJ°. Autophagy In mesenchymal progenitors protects mice against bone marrow failure after severe intermittent stress. **Blood.** 2022; 139: 690-703. doi: 10.1182/blood.2021011775. (° joint senior authors)
4. Fröbel J, Landspersky T, Percin G, Schreck C, Rahmig S, Ori A, Nowak D, Essers MAG, Waskow C, Oostendorp RAJ. The hematopoietic bone marrow niche ecosystem. **Front Cell Dev Biol.** 2021; 9: 705410. doi: 10.3389/fcell.2021.705410. **Review**
5. Schreck C, Istvánffy R, Ziegenhain C, Sippenauer T, Ruf F, Henkel L, Gärtner F, Vieth B, Florian MC, Mende N, Taubenberger A, Prendergast Á, Wagner A, Pagel C, Grziwok S, Götze KS, Guck J, Dean DC, Massberg S, Essers M, Waskow C, Geiger H, Schiemann M, Peschel C, Enard W, Oostendorp RAJ. Niche WNT5A regulates the actin cytoskeleton during regeneration of hematopoietic stem cells. **J Exp Med.** 2017; 214: 165-181. doi: 10.1084/jem.20151414.
6. Istvánffy R, Vilne B, Schreck C, Ruf F, Pagel C, Grziwok S, Henkel L, Prazeres da Costa O, Berndt J, Stümpflen V, Götze KS, Schiemann M, Peschel C, Mewes HW, Oostendorp RAJ. Stroma-derived connective tissue growth Factor maintains cell cycle progression and repopulation activity of hematopoietic stem cells in vitro. **Stem Cell Reports.** 2015; 5: 702-715.
7. Lutzny G, Kocher T, Schmidt-Supprian M, Rudelius M, Klein-Hitpass L, Finch AJ, Dürig J, Wagner M, Haferlach C, Kohlmann A, Schnittger S, Seifert M, Wanninger S, Zaborsky N, Oostendorp R, Ruland J, Leitges M, Kuhnt T, Schäfer Y, Lampl B, Peschel C, Egle A, Ringshausen I. Protein kinase c- β -dependent activation of NF- κ B in stromal cells is indispensable for the survival of chronic lymphocytic leukemia B cells in vivo. **Cancer Cell.** 2013; 23: 77-92.
8. Renström J, Istvanffy R, Gauthier K, Shimono A, Mages J, Jardon-Alvarez A, Kröger M, Schiemann M, Busch DH, Esposito I, Lang R, Peschel C, Oostendorp RAJ. Secreted frizzled-related protein 1 extrinsically regulates cycling activity and maintenance of hematopoietic stem cells. **Cell Stem Cell.** 2009; 5: 157-67.
9. Daldrup-Link HE, Rudelius M, Piontek G, Metz S, Bräuer R, Debus G, Corot C, Schlegel J, Link TM, Peschel C, Rummeny EJ, Oostendorp RAJ. Migration of Iron Oxide-labeled Human Hematopoietic Progenitor Cells in a Mouse Model: In Vivo Monitoring with 1.5-T MR Imaging Equipment. **Radiology.** 2005; 234: 197-205.
10. Oostendorp RAJ, Harvey KN, Kusadasi N, de Bruijn MFTR, Saris C, Ploemacher RE, Medvinsky AL, Dzierzak EA. Stromal cell lines from mouse aorta-gonads-mesonephros subregions are potent supporters of hematopoietic stem cell activity. **Blood.** 2002; 99: 1183-9.