

Curriculum Vitae

Name Thordur Oskarsson
E-Mail thordur.oskarsson@hi-stem.de
Work Address HI-STEM gGmbH, Im Neuenheimer Feld 280, H1.04.072a
69120 Heidelberg, Germany
Tel: +49 (0) 6221 42-3903, Fax: +49(0) 6221 42-3902

RESEARCH EXPERIENCE

*Dual affiliation

Jan 2012 - present *Junior Group Leader
German Cancer Research Center (DKFZ), Heidelberg, Germany

Oct. 2011- present *Junior Group Leader
HI-STEM - Heidelberg Institute for Stem Cell Technology
and Experimental Medicine, Heidelberg, Germany

2010 - 2011 Research Associate
Memorial Sloan-Kettering Cancer Center, New York
Laboratory of Prof. Joan Massagué

2006 - 2010 Research Fellow
Memorial Sloan-Kettering Cancer Center, New York
Laboratory of Prof. Joan Massagué

EDUCATION

2001-2005 Swiss Institute for Experimental Cancer Research (ISREC)
Ph.D. in Life Sciences. Advisor: Prof. Andreas Trumpp

1998-2000 University of Iceland
M.Sc. in Molecular Biology
Advisor: Dr. Valgerdur Andresdottir

1995-1998 University of Iceland
B.Sc. in Biology

GRANTS AND AWARDS

1999-2000 Studentship from the Icelandic Research Council

2012 Rupert Timpl Award from the International Society for Matrix
Biology

2013 Marie Curie Career Integration Grant

2013 Young Scientist Award from the Icelandic Biological Society

PUBLICATIONS

1. **Oskarsson T.** (2013) Extracellular matrix components in breast cancer progression and metastasis. **Breast.** 22: S66-S72.
2. Descot A, **Oskarsson T.** (2013) The molecular composition of the metastatic niche. **Exp Cell Res.** 319: 1679–1686.
3. Acharyya S, **Oskarsson T**, Vanharanta S, Malladi S, Kim J, Morris PG, Manova-Todorova K, Leversha M, Hogg N, Seshan VE, Norton L, Brogi E and Massague J. (2012) A CXCL1 paracrine network links cancer chemoresistance and metastasis. **Cell.** 150:165–178.
4. Lander AD, Kimble J, Clevers H, Fuchs E, Montarras D, Buckingham M, Calof AL, Trumpp A, **Oskarsson T.** (2012) What does the concept of the stem cell niche really mean today? **BMC Biol.**10:19. 1-15.
5. Perna D, Fagà G, Verrecchia A, Gorski MM, Barozzi I, Narang V, Khng J, Lim KC, Sung WK, Sanges R, Stupka E, **Oskarsson T**, Trumpp A, Wei CL, Müller H, Amati B. (2012) Genome-wide mapping of Myc binding and gene regulation in serum-stimulated fibroblasts. **Oncogene.** 31:1695-709. Epub 2011 Aug 22.
6. **Oskarsson T**, Massagué J.(2011) Extracellular matrix players in metastatic niches. **EMBO J.**31:254-6.
7. **Oskarsson T**, Acharyya S, Zhang X H.-F, Vanharanta S, Tavazoie SF, Morris PG, Downey RJ, Manova-Todorova K, Brogi E and Massagué J. (2011) Breast cancer cells produce tenascin-C as a metastatic niche component to colonize the lungs. **Nat Med.** 17:867-74.
8. **Oskarsson T**, Nagorny P, Krauss I, Perez L, Mandal M, Yang G, Ouerfelli O, Xiao D, Moore M, Massagué J, Danishefsky S. (2010) Diverted Total Synthesis Leads to the Generation of Promising Cell-Migration Inhibitors for Treatment of Tumor Metastasis: In vivo and Mechanistic Studies on the Migrastatin Core Ether Analog. **J Am Chem Soc.** 132:3224-28.
9. Kim MY, **Oskarsson T**, Acharyya S, Nguyen DX, Zhang XH, Norton L, Massagué J. (2009) Tumor self-seeding by circulating cancer cells. **Cell.** 139:1315-26.
10. Tavazoie SF, Alarcón C, **Oskarsson T**, Padua D, Wang Q, Bos PD, Gerald WL and Massagué J. (2008) Endogenous human microRNAs that suppress breast cancer metastasis. **Nature** 451:147-152.
11. **Oskarsson T**, Hreggvidsdottir HS, Agnarsdottir G, Matthiasdottir S, Ogmundsdottir MH, Jonsson SR, Georgsson G, Ingvarsson S, Andresson OS and Andressdottir V. (2007) Duplicated sequence motif in the long terminal repeat of maedi-visna virus extends cell tropism and is associated with neurovirulence. **J Virol.** 81:4052-4057.

12. **Oskarsson T**, Essers MA, Dubois N, Offner S, Dubey C, Roger C, Metzger D, Chambon P, Hummler E, Beard P and Trumpp A. (2006) Skin epidermis lacking the c-Myc gene is resistant to Ras-driven tumorigenesis but can reacquire sensitivity upon additional loss of the p21Cip1 gene. **Genes Dev.** 20:2024-2029.
13. Prathapam T, Tegen S, **Oskarsson T**, Trumpp A and Martin G. S. (2006) Activated Src abrogates the Myc requirement for the G0/G1 transition but not for the G1/S transition. **PNAS**, 103: 2695-2700.
14. **Oskarsson T** and Trumpp A. (2005) The Myc trilogy: lord of RNA polymerases. **Nat Cell Biol.** 7: 215-217.
15. Wilson A, Murphy MJ, **Oskarsson T**, Kaloulis K, Bettess MD, Oser GM, Pasche AC, Knabenhans C, Macdonald HR and Trumpp A. (2004) c-Myc controls the balance between hematopoietic stem cell self-renewal and differentiation. **Genes Dev.** 18: 2747-2763.
16. Trumpp A, Refaeli Y, **Oskarsson T**, Gasser S, Murphy M, Martin GR and Bishop JM. (2001) c-Myc regulates mammalian body size by controlling cell number but not cell size. **Nature** 414: 768-773.
17. Agnarsdottir G, Thorsteinsdottir H, **Oskarsson T**, Matthiasdottir S, St Hafliadottir B, Andresson OS and Andresdottir V. (2000) The long terminal repeat is a determinant of cell tropism of maedi-visna virus. **J Gen Virol.** 81:1901-1905.

PATENTS

Migrastatins and uses thereof: Patent number 2012139074

Samuel Danishefsky, Joan Massague, Manuel Cortes, **Thordur Oskarsson**, Malcolm Moore, Nicolas Lamonte, Ouathek Ouerfelli, Guangli Yang,
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INVITED TALKS

2013 - The Marcus Wallenberg Meeting of Young European Minds in Cancer Research, 2-3 Dec. Lund, Sweden.

2013 - The 6th Alpbach Workshop on: Coiled-Coils, Collagen & Fibrous Proteins, 8-13 Sept. Alpbach, Austria.

2013 - INSERM Department of Medicine, University of Strasbourg, 25. June, Strasbourg, France.

2013 - 5th IMPAKT Breast Cancer Conference, 2-4 May 2013, Brussels, Belgium.

2013 - 13th St. Gallen International Breast Cancer Conference, 13-16 March. St. Gallen, Switzerland.

2012 - XXIIIrd FECTS and ISMB Joint Meeting, 25-29 August. Katowice, Poland.