

publications, awards, grants

## **Dr. rer. biol. hum. Tobias Hohenauer**

biologist and graphic designer

A. research articles  
B. review articles  
C. talks

D. awards  
E. scholarships and grants  
F. poster presentations

### **A. research articles**

Hohenauer T\*, Chung EKY\*, Urun FR, Tee CW, Taniguchi H, Kaczkowski B, Akimoto S, Kinameri E, Takahashi M, Abdelhamid R, Suzuki A, Goyama S, Kurokawa M, Umehara T, Plessy C, Carninci P, Moore AW: Local transcriptional Amplification of the Notch-Response to Drive Neural Stem Cell Self-Renewal.

*In Vorbereitung*

\* contributed equally

Hohenauer T, Berking C, Schmidt A, Haferkamp S, Senft D, Kammerbauer C, Fraschka S, Graf SA, Irmeler M, Beckers J, Flaig M, Aigner A, Höbel S, Hoffmann F, Hermeking H, Rothenfusser S, Endres S, Ruzicka T, Besch R.: The neuronal transcription factor Brn3a is essential for human melanoma cell proliferation and survival.

*EMBO Mol Med.* 2013 Jun; 5 (6): 919-34. (ISI impact factor 8,2)

Besch R\*, Poeck H\*, Hohenauer T, Senft D, Häcker G, Berking C, Hornung V, Endres S, Ruzicka T, Rothenfusser S and Hartmann G: Proapoptotic signaling induced by RIG-I and MDA-5 results in type I interferon-independent apoptosis in human melanoma cells.

*J Clin Invest.* 2009; 119 (8): 2399-411. (ISI impact factor 16,6)

\* contributed equally

Craney A\*, Hohenauer T\*, Xu Y, Navani NK, Li Y and Nodwell J: A synthetic luxCDABE genecluster optimized for expression in high- GC bacteria.

*Nucleic Acids Res;* 2007 35(6): e46. (ISI impact factor 6,9, Faculty of Thousand Factor 3.0)

\* contributed equally

### **B. review articles**

Hohenauer T, Moore AW: The Prdm family: expanding roles in stem cells and development.

*Development.* 2012 Jul; 139 (13): 2267-82.



## C. talks

2016

RIKEN Brain Science Institute and Center for Developmental Biology Joint Retreat, Chamber of Business, Kanazawa (JP): Precise nucleosome rearrangement by the proto-oncogene Evi1.

RIKEN Brain Science Institute Retreat, Miraikan, Tokio (JP):

Evi1 promotes neural stem cell maintenance by precise promoter nucleosome clearance.

2015

The 112th Brain Lunch, RIKEN Brain Science Institute, Wako (JP): Evi1 maintains neural stem cell self-renewal through chromatin control over Notch-target activation.

2014

The 1st RIKEN Epigenetics Meeting, Center for Lifescience Technologies, Tsurumi (JP): The proto-oncogene Evi-1 controls Notch target activation at the chromatin level.

Notch Signaling in Development, Regeneration & Disease - Gordon Research Seminar: From Molecular Mechanisms to Translational Research, Lewiston (US): Evi1 (Prdm3) maintains neural stem cell self-renewal through chromatin control over Notch-target activation.

Institute for Protein Research Seminar: Looking toward the future of Notch signaling, Osaka University (JP): Evi1 (Prdm3) maintains neural stem cell self-renewal through chromatin control over Notch-target activation.

2010

RIKEN Brain Science Institute, Wako (JP): The neuronal transcription factor Brn3a is essential for human melanoma cell proliferation and survival.

2008

5th International Melanoma Research Congress, Sapporo (JP): Brn3a, a new marker for human melanoma, promotes cell survival via inactivation of p53.

## D. awards

2011

Dr. Hildegard und Heinrich Fuchs-Preis zur Förderung medizinischen Nachwuchses  
Promotionspreis Medizinische Fakultät der LMU München (D)

2009

Excellence Award in Melanoma Research, Society for Melanoma Research, Boston (US)



## E. scholarships and grants

- 2016 RIKEN *Single Cell Project* (JP)
- 2014 Mochida Memorial Foundation Grant (JP)
- 2014 RIKEN *Incentive Research Grant* (JP)
- 2011 RIKEN *Special Postdoctoral Fellowship*, Dreijahresförderung (JP)
- 2010 travel grant Deutscher Akademischer Austauschdienst (DE)
- 2009 research scholarship Hiege Stiftung gegen Hautkrebs, Hamburg (DE)
- 2008 research scholarship Weigand Stiftung an der LMU, München (DE)
- 2007 travel grant Melanoma Research Foundation, New York City (US)
- 2005 Stipendiat der Deutschen Forschungsgemeinschaft, Dreijahresförderung

## F. poster presentations

- 2014  
Notch Signaling in Development, Regeneration & Disease - Gordon Research Conference: Notch at the Interface of Health and Disease, Lewiston (US)
- 2013  
The 36th Meeting of the Japan Neuroscience Society, Kyoto (JP)
- 2011  
The 34th Meeting of the Japan Neuroscience Society, Yokohama (JP)
- 2010  
33rd Annual Meeting of the German Society for Cell Biology, Regensburg (DE)  
  
37th Annual Meeting of the Arbeitsgemeinschaft Dermatologische Forschung, Lübeck (DE)
- 2009  
6th International Melanoma Research Congress, Boston (US), Posterpreis
- 2008  
5th International Melanoma Research Congress, Sapporo (JP)
- 2007  
4th International Melanoma Research Congress, New York City (US)  
Reisestipendium der Melanoma Research Foundation.
- 2006  
3rd International Melanoma Research Congress, Noordwijk (NL)

