

**Dr. Jan Medenbach**  
Junior Group Leader



UNIVERSITÄT REGENSBURG

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### Research Experience:

Since 2012 Junior Group Leader at the University of Regensburg  
2006-2012 Postdoctoral fellow (EMBL, Heidelberg, Hentze Lab)  
2002-2006 Dr. rer. nat. in Biology, Justus-Liebig-University Giessen

### Grants and Honours:

2015 Awarded BMBF Research Grant: Systems Biology of the Unfolded Protein Response in Glioma (SUPR-G)  
2013 Awarded DFG Research Grant  
2013 Associate member of the DFG-funded SFB960, elected board member  
2012 Appointed Junior Group Leader by the Bavarian Center for Molecular Biosystems (BioSysNet)  
2007-2009 EMBL Postdoctoral Fellowship  
2007 Award 'Best Dissertation' from the Justus-Liebig-University Giessen  
2006 Award of excellence for the dissertation from the Faculty of Biology of the Justus-Liebig-University Giessen  
2005 Nature Reviews Molecular and Cell Biology Poster Prize for Innovation and Interdisciplinary Research, annual meeting of the RNA Society, Banff, Canada  
2000-2002 Scholarship from the Studienstiftung des Deutschen Volkes

### Selected Publications:

Medenbach, J., Seiler, M., and Hentze, MW.: Translational control via protein-regulated upstream open reading frames. *Cell*, 2011, 145(6):902-13.

Rösel, TD.<sup>1</sup>, Hung, LH.<sup>1</sup>, Medenbach, J.<sup>1</sup>, Donde, K., Starke, S., Benes, V., Rättsch, G., and Bindereif, A.: RNA-Seq analysis in mutant zebrafish reveals role of U1c protein in alternative splicing regulation. *EMBO Journal*, 2011, 30(10):1965-76.

Trede,<sup>1</sup> N.S., Medenbach, J.<sup>1</sup>, Damianov,<sup>1</sup> A., Hung, L.-H., Weber, G.J., Paw, B.H., Zhou, Y., Hersey, C., Zapata, A., Keefe, M., Barut, B.A., Stuart, A.B., Katz, T., Amemiya, C.T., Zon, L.I., and Bindereif, A.: Network of coregulated spliceosome components revealed by zebrafish mutant in recycling factor p110. *Proc. Natl. Acad. Sci. USA*, 2007, 104(16): 6608-13.

Medenbach, J., Schreiner, S., Liu, S., Lührmann, R., and Bindereif, A.: Human U4/U6 snRNP Recycling Factor p110: Mutational Analysis Reveals the Function of the Tetratricopeptide Repeat Domain in Recycling", *Molecular and Cellular Biology*, 2005, 24(17): 7392-7401.

(<sup>1</sup> these authors contributed equally)