

## Publikationsliste Karin Moelling 2008/9

1. Baumgartner, M., Radziwill, G., Loriger, M., Weiss, A., and **Moelling, K.** (2008). c-Src-mediated epithelial cell migration and invasion regulated by PDZ binding site. *Mol Cell Biol* 28, 642-655.
2. Matskevich, A.A., and **Moelling, K.** (2008). Stimuli-dependent cleavage of Dicer during apoptosis. *Biochem J* 412, 527-534.
3. Fritzius, T., and **Moelling, K.** (2008). Akt- and Foxo1-interacting WD-repeat-FYVE protein, ProF, promotes adipogenesis. *EMBO J* 27, 1399-1410.
4. Ress, A., and **Moelling, K.** (2008). The PDZ protein Erbin modulates beta-catenin-dependent transcription. *Eur Surg Res* 41, 284-289.
5. Kwok, T., Helfer, H., Alam, M.I., Heinrich, J., Pavlovic, J., and **Moelling, K.** (2009). Inhibition of influenza A virus replication by short double-stranded oligodeoxynucleotides. *Arch Virol* 154, 109-114.
6. Heinrich, J., Mathur, S., Matskevich, A.A., and **Moelling, K.** (2009). Oligonucleotide-mediated retroviral RNase H activation leads to reduced HIV-1 titer in patient-derived plasma. *AIDS* 23, 213-221.
7. Wittmer-Elzaouk, L., Jung-Shiu, J., Heinrich, J., and **Moelling, K.** (2009). Retroviral self-inactivation in the mouse vagina induced by short DNA. *Antiviral Res* 82, 22-28.
8. Falkenhagen, A., Heinrich, J., and **Moelling, K.** (2009). Short hairpin-loop-structured Oligodeoxynucleotides reduce HSV-1 Replication. *Virology Journal* 6,43, doi: 10.1186/1743-422X-6-43.
9. Noreen, F., Heinrich, J., **Moelling, K.** (2009). Anti-tumor activity of small double-stranded oligodeoxynucleotides targeting telomerase RNA in malignant melanoma cells. *Oligonucleotides* 19:2, 169-178.
10. Kwok, T., Heinrich, J., Jung-Shiu, J., Meier, M.G., Mathur, S., and **Moelling, K.** (2009). Reduction of gene expression by a hairpin-loop structured oligodeoxynucleotide: alternative to siRNA and antisense. *Biochim Biophys. Acta* (2009), doi: 10.1016/j.bbagen.2009.05.017.
11. Matskevich, A.A., Jung J.-S., Schürmann M., Cascallo M. and **Moelling, K.** (2009). Vero cells as a model to study the effects of adenoviral gene delivery vectors on the RNAi system in context of viral infection. *J Innate Immun* 1, 389-394, doi: 10.1159/000191408.
12. Baumgartner, M., Weiss, A., Fritzius, T., Heinrich, J., and **Moelling, K.** (2009). The PDZ protein MPP2 interacts with c-Src in epithelial cells. *Experimental Cell Research* (in press)
13. Hofmann, M., Heinrich, J., Radziwill, G., and **Moelling, K.** (2009). A short hairpin DNA analogous to miR125b inhibits C-Raf expression, proliferation and survival in breast cancer cells. *Molecular Cancer Research* (in press)
14. Heinrich, J., Schols, D. and **Moelling, K.** (2009). Inhibition of HIV-1 by hairpin-loop-structured oligodeoxynucleotide in humanized SCID mice in vivo (submitted)
15. Falkenhagen, A. (2009). Short hairpin-loop-structured Oligodeoxynucleotides reduce HSV-1 Replication. Thesis, FU Berlin.
16. Bröcker, F. (2009) Inhibition of HCV replicons by oligodeoxynucleotides. Thesis, TU Berlin (2008) and Man in prep.
17. Heinrich, J., Shattock, R. and **Moelling, K.** (2009). Inhibition of HIV in vagina explants.
18. **Moelling** et al. PDZ Domains in signaling pathways. (invited Review)
19. **Moelling** et al. RNases H of retroviruses and cells as targets for antiviral therapies. (invited Review in ChemBioChem)

**Anlage:** Workshop-Program Evolution of Viruses and Hosts (Wiko, 06-06-2009)

Berlin, August 2009