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Publications

1. Hadamitzky, M., **Herring, A.**, Keyvani, K., Doenlen, R., Krugel, U., Bosche, K., Orlowski, K., Engler, H., and Schedlowski, M. (2014) Acute systemic rapamycin induces neurobehavioral alterations in rats. *Behav Brain Res* 273, 16-22
2. El Hindy, N., Bankfalvi, A., **Herring, A.**, Adamzik, M., Lambertz, N., Zhu, Y., Siffert, W., Sure, U., and Sandalcioglu, I.E. (2013) Correlation of aquaporin-1 water channel protein expression with tumor angiogenesis in human astrocytoma. *Anticancer Res* 33, 609-13
3. Kolble, K., **Herring, A.**, and Keyvani, K. (2013) Biopsy diagnosis in neurology. *Fortschr Neurol Psyc* 81, 210-29
4. **Herring, A.**, Donath, A., Steiner, K. M., Widera, M. P., Hamzehian, S., Kanakis, D., Kolble, K., Elali, A., Hermann, D. M., Paulus, W., and Keyvani, K. (2012) Reelin Depletion is an Early Phenomenon of Alzheimer's Pathology. *J Alzheimers Dis* 30, 963-79
5. **Herring, A.**, Donath, A., Yarmolenko, M., Uslar, E., Conzen, C., Kanakis, D., Bosma, C., Worm, K., Paulus, W., and Keyvani, K. (2012) Exercise during pregnancy mitigates Alzheimer-like pathology in mouse offspring. *FASEB J* 26, 117-28
6. **Herring, A.**, Lewejohann, L., Panzer, A. L., Donath, A., Kroll, O., Sachser, N., Paulus, W., and Keyvani, K. (2011) Preventive and therapeutic types of environmental enrichment counteract beta amyloid pathology by different molecular mechanisms. *Neurobiol Dis* 42, 530-8
7. **Herring, A.**, Blome, M., Ambree, O., Sachser, N., Paulus, W., and Keyvani, K. (2010) Reduction of cerebral oxidative stress following environmental enrichment in mice with Alzheimer-like pathology. *Brain Pathol* 20, 166-75
8. Lewejohann, L., Reefmann, N., Widmann, P., Ambree, O., **Herring, A.**, Keyvani, K., Paulus, W., and Sachser, N. (2009) Transgenic Alzheimer mice in a semi-naturalistic environment: more plaques, yet not compromised in daily life. *Behav Brain Res* 201, 99-102
9. **Herring, A.**, Ambree, O., Tomm, M., Habermann, H., Sachser, N., Paulus, W., and Keyvani, K. (2009) Environmental enrichment enhances cellular plasticity in transgenic mice with Alzheimer-like pathology. *Exp Neurol* 216, 184-92
10. Ambree, O., Richter, H., Sachser, N., Lewejohann, L., Dere, E., de Souza Silva, M. A., **Herring, A.**, Keyvani, K., Paulus, W., and Schabitz, W. R. (2009) Levodopa ameliorates learning and memory deficits in a murine model of Alzheimer's disease. *Neurobiol Aging* 30, 1192-204
11. Richter, H., Ambree, O., Lewejohann, L., **Herring, A.**, Keyvani, K., Paulus, W., Palme, R., Touma, C., Schabitz, W. R., and Sachser, N. (2008) Wheel-running in a transgenic mouse model of Alzheimer's disease: protection or symptom? *Behav Brain Res* 190, 74-84
12. **Herring, A.**, Yasin, H., Ambree, O., Sachser, N., Paulus, W., and Keyvani, K. (2008) Environmental enrichment counteracts Alzheimer's neurovascular dysfunction in TgCRND8 mice. *Brain Pathol* 18, 32-9
13. Ambree, O., Leimer, U., **Herring, A.**, Gortz, N., Sachser, N., Heneka, M. T., Paulus, W., and Keyvani, K. (2006) Reduction of amyloid angiopathy and Abeta plaque burden after enriched housing in TgCRND8 mice: involvement of multiple pathways. *Am J Pathol* 169, 544-52