

Recent publications:

- Ehrenreich, H., Kästner, A., Weissenborn, K., Streeter, J., Sperling, S., Wang, K.K., Worthmann, H., Hayes, R.L., von Ahsen, N., Kastrup, A., Jeromin, A., & Herrmann, M. (2011). Circulating damage marker profiles support a neuroprotective effect of erythropoietin in ischemic stroke patients. *Molecular Medicine*, **17**, 1306-1310.
- Ehrenreich, H., Weissenborn, K., Prange, H., Schneider, D., Weimar, C., Wartenberg, K., Schellinger, P.D., Bohn, M., Becker, H., Wegrzyn, M., Jähnig, P., Herrmann, M., Knauth, M., Bähr, M., Heide, W., Wagner, A., Schwab, S., Reichmann, H., Rieckmann, P., Schwendemann, G., Dengler, R., Kastrup, A., Gefeller, O., Diener, H.C., & Bartels, C., for the EPO Stroke Trial Group (2009). Recombinant human erythropoietin in the treatment of acute ischemic stroke. *Stroke*, **40**, e647-e656.
- Herrmann, M. (2008). Molekulare Marker einer Hirnschädigung - Proteomik. In: Gauggel, S. & Herrmann, M. (Eds.) *Handbuch der Neuro- und Biopsychologie*. Göttingen: Hogrefe-Verlag, pp. 113-120.
- Vissers, J.L.M., Mersch, M.E.C., Rosmalen, C.F., Geel, W.J.A., Lamers, K.J.B., Rosmalen, F.M.A., Swinkels, L.M.J.W., Thomsen, J., & Herrmann, M. (2006). Rapid immunoassay for the determination of glial fibrillary acidic protein (GFAP) in serum. *Clinica Chimica Acta*, **366**, 336-40.
- Ehrenreich, H., Aust, C., Krampe, H., Jahn, H., Jacob, S., Herrmann, M. & Sirén, A.L. (2004) Erythropoietin: Novel approaches to neuroprotection in human brain disease. *Metabolic Brain Disease*, **19**, 195-206.
- Herrmann, M. & Ehrenreich, H. (2003) Brain derived proteins as markers of acute stroke – Their relation to pathophysiology, outcome prediction and neuroprotective drug monitoring. *Restorative Neurology and Neuroscience*, **21**, 177-190.
- Herrmann, M., Curio, N., Jost, S., Grubich, C., Ebert, A.D., Fork, M.L. & Synowitz, H. (2001) Release of biochemical markers of damage to neuronal and glial brain tissue is associated with short- and long-term neuropsychological outcome after traumatic brain injury. *Journal of Neurology, Neurosurgery, and Psychiatry*, **70**, 95-100.
- Herrmann, M., Johnsson, P. & Romner, B. (2003) Molecular markers of brain damage – current state and future perspectives. *Restorative Neurology and Neuroscience*, **21**, 75-77.
- Herrmann, M., Vos, P., Wunderlich, M.T., de Bruijn, C.H.M.M. & Lamers, K.J.B. (2000) Release of glial tissue specific proteins after stroke: A contrastive analysis of serum concentrations of protein S-100B and glial fibrillary acidic protein. *Stroke*, **31**, 2670-2677.
- Herrmann, M., Jost, S., Kutz, S., Ebert, A.D., Kratz, T., Wunderlich, M.T. & Synowitz, H. (2000) Release patterns of neurobiochemical markers of brain damage after traumatic brain injury is associated with intracranial pathology as demonstrated in cranial computed tomography. *Journal of Neurotrauma*, **17**, 113-122.
- Herrmann, M., Ebert, A.D., Galazki, I., Wunderlich, M.T., Kunz, W.S. & Huth, C. (2000) Neurobehavioral outcome prediction after cardiac surgery: The role of neurobiochemical markers of damage to neuronal and glial brain tissue. *Stroke*, **31**, 645-650.

Herrmann,M., Huth,C. & Ebert,A.D. (2000) Pathophysiological predictors of the short- and long-term neurobehavioral outcome of cardiac surgery with extra-corporeal circulation. In: Baykut,D. & Krian,A. (Eds.) *Current perspectives of extracorporeal circulation*. Darmstadt: Steinkopff-Verlag. 103-115.

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Herrmann,M., Curio,N., Jost,St., Wunderlich,M.T., Synowitz,H. & Wallesch,C.W. (1999) Protein S-100B and neurone specific enolase as early neurobiochemical markers of the severity of traumatic brain injury. *Restorative Neurology and Neuroscience*, **14**, 109-114.

Herrmann,M., Ebert,A.D., Tober,D., Hann,J. & Huth,C. (1999) A contrastive analysis of release patterns of biochemical markers of brain damage after coronary artery bypass grafting and valve replacement and their association with the neurobehavioral outcome after cardiac surgery. *European Journal of Cardio-thoracic Surgery*, **16**, 513-518.