

## Prof. Dr. Andrea Pautz

Professor of female-specific Health Research (W1)  
Working Group Leader

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## Academia

- 1993 - 1998      Studies in biology (Diploma), Johannes Gutenberg University Mainz
- 1998 - 2002      Doctorate (Dr. rer. physiol.), Institute for Pharmacology and Toxicology (Prof. Pfeilschifter), Goethe University Frankfurt

## Career

- 2002 - 2004      Postdoc, Clinical Working Group Allergy (Prof. Reske-Kunz), University Medical Center of the Johannes Gutenberg University Mainz
- 2004 - 2010      Working Group Leader, Institute for Pharmacology, University Medical Center of the Johannes Gutenberg University Mainz
- since 2010      Junior-Professor (W1) for female-specific health research, Institute for Pharmacology

## Selected Publications

Xia, N., **Pautz, A.**, Wollscheid, U., Reifenberg, G., Forstermann, U. and Li, H. (2014) Artichoke, cynarin and cyanidin downregulate the expression of inducible nitric oxide synthase in human coronary smooth muscle cells. *Molecules*, 19, 3654-3668.

Henke, J., Erkel, G., Brochhausen, C., Kleinert, H., Schwarting, A., Menke, J. and **Pautz, A.** (2014) The fungal lactone oxacyclododecindione is a potential new therapeutic substance in the treatment of lupus-associated kidney disease. *Kidney international*, 86, 780-789.

Casper, I., Nowag, S., Koch, K., Hubrich, T., Bollmann, F., Henke, J., Schmitz, K., Kleinert, H. and **Pautz, A.** (2013) Post-transcriptional regulation of the human inducible nitric oxide synthase (iNOS) expression by the cytosolic poly(A)-binding protein (PABP). *Nitric oxide : biology and chemistry / official journal of the Nitric Oxide Society*, 33, 6-17.

Schmidt, N., Art, J., Forsch, I., Werner, A., Erkel, G., Jung, M., Horke, S., Kleinert, H. and **Pautz, A.** (2012) The anti-inflammatory fungal compound (S)-curvularin reduces proinflammatory gene expression in an in vivo model of rheumatoid arthritis. *The Journal of pharmacology and experimental therapeutics*, 343, 106-114.

Rogli, E., Gattesco, S., **Pautz, A.** and Regazzi, R. (2012) Involvement of the RNA-binding protein ARE/poly(U)-binding factor 1 (AUF1) in the cytotoxic effects of proinflammatory cytokines on pancreatic beta cells. *Diabetologia*, 55, 1699-1708.