

**THOMAS RENEE PUBLICATIONS 2009****Peer reviewed articles (IF: Impact factor)**

1. Benz, P. M., Blume, C., Seifert, S., Wilhelm, S., Waschke, J., Schuh, K., Gertler, F., Münzel, T., **Renné T.** (2009) Differential VASP phosphorylation controls actin cytoskeleton remodeling. **J. Cell Sci.** *122*, 3954-65 IF: 6,2
2. Varga-Szabo, D., Braun, A., Kleinschnitz, C., Bender, M., Pleines, I., Pham, M., **Renné, T.**, Stoll, G. and Nieswandt, B. (2008) The calcium sensor STIM1 is an essential mediator of arterial thrombosis and ischemic brain infarction. **J. Exp. Med.** *205*, 1583-1591 IF: 15,3
3. Knauer, O., Binai, N.A., Carra, G., Beckhaus, T., Hanschmann, K.M., **Renné, T.**, Backert, S., Karas, M., Wessler, S. (2008) Differential phosphoproteome profiling reveals a functional role for VASP in Helicobacter pylori-induced cytoskeleton turnover in gastric epithelial cells. **Cell. Microbiol.** *10*, 2285-96 IF: 5,3
4. Austinat, M., Braeuninger, S., Pesquero, J. .B., Bader, M., Stoll, G., **Renné, T.** and Kleinschnitz, C. (2009) Blockade of Bradykinin Receptor B1 but not Bradykinin Receptor B2 Provides Protection from Brain Edema and Cerebral Infarction. **Stroke** *40*, 285-93 IF: 5,3
5. Wojciak-Stothard, B., Torondel, B., Zhao, L., **Renne, T.**, Leiper J.M. (2009) Modulation of Rac1 activity by ADMA/DDAH regulates pulmonary endothelial barrier function. **Mol. Cell. Biol.** *20*, 33-42 IF: 7,5
6. Gambaryan, S., Geiger, J., **Renné, T.**, Walter, U. (2009) Inhibition of platelets by insulin? **J. Thromb. Haemost.** *7*, 371-73 IF: 6,3
7. van der Meijden, P. E. J., Munnix, I. C. A., Auger, J. M., Govers-Riemslog, J. M., Cosemans, J. M.E.M., Kuijpers, M. J. E., Spronk, H. M., Watson, S. P., **Renné T.**, and Heemskerk, J. W.M. (2009) Dual role of collagen in factor XII-dependent thrombus and clot formation. **Blood**, *114*, 881-90 IF: 9,8
8. **Renné, T.**, Oschatz, C., Seifert, S., Müller, F., Antovic, J., Karlman, M., Benz, P.M. (2009) Factor XI deficiency in animal models of thrombosis. **J. Thromb. Haemost.** *7*, 79-83 IF: 6,1
9. Fiedler, L.R., Bachetti, T., Leiper, J., Zachary, I., Chen, L., **Renné, T.**, and Wojciak-Stothard, B. (2009) The ADMA/DDAH Pathway Regulates VEGF-Mediated Angiogenesis. **Arterioscler. Thromb. Vasc. Biol.** *29*, 2117-24 IF: 7,4
10. Müller, F., Mutch, N. J., Schenk, W. A., Smith, S. A., Esterl, L., Spronk, H. M., Schmidbauer, S., Gahl, W. A., Morrissey, J. H., and **Renné, T.** (2009) Platelet polyphosphates are proinflammatory and procoagulant mediators *in vivo*. **Cell** *139*, 1146-1156 IF 31,1

**Review articles & book chapters**

1. Gailani, D., **Renné, T.**, and Gruber A. (2009) Contact Activation Pathways as Targets for New Anticoagulants. In Freedman/Loscalzo, Eds.: New Therapeutic Agents in Thrombosis and Thrombolysis, Lippincott, Philadelphia, USA, 403-426