

Publications

1. **Voigt A**, Rahnefeld A, Kloetzel PM and Krüger E. *Cytokine-induced oxidative stress in cardiac inflammation and heart failure—how the ubiquitin proteasome system targets this vicious cycle*. **Frontiers in Oxidant Physiology**, 2013; 4:42 (1-6).
2. Ebstein F*, **Voigt A***, Lange N, Warnatsch A, Schröter F, Prozorovski T, Kuckelkorn U, Aktas O, Seifert U, Kloetzel PM, Krüger E. *Immunoproteasomes Are Important for Proteostasis in Immune Responses*. **Cell**, 935-937, 2013 ***equal contribution**
3. Opitz E, Koch A, Klingel K, Schmidt F, Prokop S, Rahnefeld A, Sauter M, Heppner F, Völker U, Kandolf R, Kuckelkorn U, Stangl K, Krüger E, Kloetzel PM, **Voigt A**. *Impairment of immunoproteasome function by beta5i/LMP7 subunit deficiency results in severe enterovirus myocarditis*. **Plos Pathogens**, 7(9):e1002233, 2011
4. Rahnefeld A, Ebstein F, Albrecht N, Opitz E, Kuckelkorn U, Stangl K, Rehm A, Kloetzel PM, **Voigt A**. *Antigen Presentation Capacity of Dendritic Cells is Impaired in Ongoing Enterovirus-Myocarditis*. **European Journal of Immunology**, 774-2781, 2011
5. **Voigt A**, Elgeti T, Durmus T, Idiz ME, Butler C, Beling M, Schilling R, Klingel K, Kandolf R, Stangl K, Taupitz M, Kivelitz D, Wagner M. *Cardiac Magnetic Resonance in Dilated Cardiomyopathy in Adults – Towards Identification of Myocardial Inflammation*. **European Radiology**, 925-935, 2011
6. Seifert U, Bialy LP, Ebstein F, Bech-Otschir D, **Voigt A**, Schröter F, Prozorovski T, Lange L, Steffen J, Rieger M, Kuckelkorn U, Aktas O, Kloetzel PM, Krüger E. *Immunoproteasomes preserve protein homeostasis upon interferon-induced oxidative stress*. **Cell**, 613-624, 2010
7. **Voigt A**, Trimpert C, Bartel K, Egerer K, Feist E, Gericke C, Kandolf R, Klingel K, Kuckelkorn U, Stangl K, Felix SB, Baumann G, Kloetzel PM, Staudt A. *Lack of Evidence for a Pathogenic Role of Proteasome-Directed Autoimmunity in Dilated Cardiomyopathy*. **Basic Research in Cardiology**, 557-567, 2010
8. **Voigt A**, Jaekel S, Textoris-Taube K, Keller C, Drung I, Szalay G, Klingel K, Henklein P, Stangl K, Kloetzel PM, Kuckelkorn U. *Generation of in silico predicted Coxsackievirus B3-derived MHC class I epitopes by proteasomes*. **Amino Acids**, 243-255, 2010
9. **Voigt A**, Bartel K, Egerer K, Trimpert C, Feist E, Gericke C, Kandolf R, Klingel K, Kuckelkorn U, Stangl K, Felix SB, Baumann G, Kloetzel PM, Staudt A. *Humoral anti-proteasomal autoimmunity in dilated cardiomyopathy*. **Basic Research in Cardiology**, 9-18, 2010
10. Jäkel S, Kuckelkorn U, Szalay G, Plötz M, Textoris-Taube K, Opitz E, Klingel K, Stevanovic S, Kandolf R, Kotsch K, Stangl K, Kloetzel PM, **Voigt A**. *Differential interferon responses enhance viral epitope generation by myocardial immunoproteasomes in murine enterovirus myocarditis*. **American Journal of Pathology**, 510-518, 2009
11. Strehl B, Textoris-Taube K, Jäkel S, **Voigt A**, Henklein P, Steinhoff U, Kloetzel PM, Kuckelkorn U. *Antitopes define preferential proteasomal cleavage site usage*. **Journal of Biological Chemistry**, 17891-17897, 2008
12. **Voigt A**, Salzmann U, Seifert U, Dathe M, Soza A, Kloetzel PM, Kuckelkorn U. *20S proteasome-dependent generation of an IEpp89 murine cytomegalovirus-derived H-2L(d) epitope from a recombinant protein*. **Biochemical and Biophysical Research Communications**, 549-554, 2007
13. Szalay G*, Meiners S*, **Voigt A***, Lauber J, Spieth C, Speer N, Sauter M, Kuckelkorn U, Zell A, Klingel K, Stangl K, Kandolf R. *Ongoing coxsackievirus myocarditis is associated*

with increased formation and activity of myocardial immunoproteasomes. **American Journal of Pathology**, 1542-1552, 2006 *equal contribution

14. Wang Q, Sanad W, Miller LM, **Voigt A**, Klingel K, Kandolf R, Stangl K and Baumann G. Infrared imaging of compositional changes in inflammatory cardiomyopathy. **Vibrational Spectroscopy**, 217-222, 2005