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DAMPs, endogenous danger signals fueling airway inflammation in COPD

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APPENDIX I

LIST OF PUBLICATIONS



1. **Pouwels SD**, Faiz A, den Boef LE, Gras R, van den Berge M, Boezen HM, Korstanje R, ten Hacken NHT, van Oosterhout AJM, Heijink IH, Nawijn MC. Genetic variance is associated with susceptibility for cigarette smoke-induced DAMP release in mice. *Am J Physiol Lung Cell Mol Physiol*. **2017**; under revision. Impact Factor = **4.1**
2. **Pouwels SD**, Hesse L, Faiz A, Lubbers J, Bodha PK, Ten Hacken NH, van Oosterhout AJ, Nawijn MC, Heijink IH. Susceptibility for cigarette smoke-induced DAMP release and DAMP-induced inflammation in COPD. *Am J Physiol Lung Cell Mol Physiol*. **2016**; 311: L881-L892. Impact Factor = **4.1**
3. **Pouwels SD**, van Geffen WH, Jonker MR, Kerstjens HAM, Nawijn MC, Heijink IH. Increased neutrophil expression of pattern recognition receptors during COPD exacerbations. *Respirology* **2017**; 22: 401-404. Impact Factor = **3.1**
4. Hoonhorst SJ, Lo Tam Loi AT, **Pouwels SD**, Faiz A, Telenga ED, van den Berge M, Koenderman L, Lammers JW, Boezen HM, van Oosterhout AJ, Lodewijk ME, Timens W, Postma DS, Ten Hacken NH. Advanced glycation endproducts and their receptor in different body compartments in COPD. *Respir Res*. **2016**; 26; 17: 46. Impact Factor = **3.1**
5. **Pouwels SD**, Zijlstra GJ, van der Toorn M, Gras R, ten Hacken NT, Krysko DV, Vandenabeele P, de Vries M, van Oosterhout AJ, Heijink IH, Nawijn MC. Cigarette smoke-induced necroptosis and DAMP release trigger neutrophilic airway inflammation in mice. *Am J Physiol Lung Cell Mol Physiol*. **2016**; 310: L377-86. Impact Factor = **4.1**
6. Wiersma VR, De Bruyn M, Wei Y, Van Ginkel RJ, Hirashima M, Niki T, Nishi N, Zhou J, **Pouwels SD**, Samplonius DF, Nijman HW, Eggleton P, Helfrich W, Bremer E. The epithelial polarity regulator LGALS9/galectin-9 induces fatal frustrated autophagy in KRAS mutant colon carcinoma that depends on elevated basal autophagic flux. *Autophagy* **2015**; 11: 1373 - 88. Impact Factor = **11.8**
7. **Pouwels SD**, Heijink IH, Brouwer U, Gras R, den Boef LE, Boezen HM, Korstanje R, van Oosterhout AJM, Nawijn MC. Genetic variation associates with susceptibility for cigarette smoke-induced neutrophilia in mice. *Am J Physiol Lung Cell Mol Physiol*. **2015**; 308: L693 - 709. Impact Factor = **4.1**
8. **Pouwels SD**, Nawijn MC, Bathoorn E, Riezebos-Brilman A, van Oosterhout AJM, Kerstjens HAM, Heijink IH. Increased serum levels of LL37, HMGB1 and S100A9 during exacerbation in COPD patients. *Eur Respir J*. **2015**; 45: 1482 – 6. Impact Factor = **7.6**
9. Heijink IH, **Pouwels SD**, Leijendekker C, de Bruin HG, Zijlstra GJ, van der Vaart H, Ten Hacken NH, van Oosterhout AJ, Nawijn MC, van der Toorn M. Cigarette Smoke Induced DAMP Release from Necrotic Neutrophils Triggers Pro-inflammatory Mediator Release. *Am J Respir Cell Mol Biol*. **2015**; 52: 554 - 62. Impact Factor = **4.0**
10. De Vries M, Heijink IH, Gras R, den Boef LE, Reinders-Luinge M, **Pouwels SD**, Hylkema MN, van der Toorn M, Brouwer U, van Oosterhout AJ, Nawijn MC. Pim1 kinase protects airway epithelial cells from cigarette smoke-induced damage and airway inflammation. *Am J Physiol Lung Cell Mol Physiol*. **2014**; 307: L240-51. Impact Factor = **4.1**
11. **Pouwels SD**, Heijink IH, van Oosterhout AJ, Nawijn MC. A specific DAMP profile identifies susceptibility to smoke-induced airway inflammation. *Eur Respir J*. **2014**; 43: 1183-6. Impact Factor = **7.6**
12. **Pouwels SD**, Heijink IH, ten Hacken NH, Vandenabeele P, Krysko DV, Nawijn MC, van Oosterhout AJ. DAMPs activating innate and adaptive immune responses in COPD. *Mucosal Immunol*. **2014**; 7: 215-26. Impact Factor = **7.4**
13. Harmsen HJ, **Pouwels SD**, Funke A, Bos NA, Dijkstra G. Crohn's Disease Patients Have More IgG-Binding Fecal Bacteria than Controls. *Clin Vaccine Immunol*. **2012**; 19: 515-21. Impact Factor = **2.5**