Biblio_nasal_sinus_epithelium_cell type_12_19_2014

1. Chang C, Gershwin M, Thompson G. Fungal disease of the nose and sinuses: an updated overview. Curr Allergy Asthma Rep 2013; 13: 152-61.
2. Thompson G, Patterson T. Fungal disease of the nose and paranasal sinuses. J Allergy Clin Immunol 2012; 129: 321-6.
3. Uraih L, Maronpot R. Normal histology of the nasal cavity and application of special techniques. Environmental Health Perspectives 1990; 85: 187-208.
4. Harkema J. Comparative aspects of nasal airway anatomy: Relevance to inhalation toxicology. Toxicologic Pathology 1991; 19: 321-336.
5. Tieu D, Kern R, Schleimer R. Alterations in epithelial barrier function and host defense responses in chronic rhinosinusitis. J Allergy Clin Immunol 2009; 124: 37-42.
6. Harkema J, Plopper C, Hyde D, St George J. Regional differences in quantities of histochemically detectable mucosubstances in nasal, paranasal, and nasopharyngeal epithelium of the bonnet monkey. J Histochem Cytochem 1987; 35: 279-86.
7. Heidsiek J, Hyde D, Plopper C, St George J. Quantitative histochemistry of mucosubstance in tracheal epithelium of the macaque monkey. J. Histochem Cytochem 1987; 35: 435-42.
8. Harkema J, Hotchikiss J. Ozone-and endotoxins-induced mucous cell metaplasia in rat airway epithelium: novel animal models to study toxicant-induced epithelial transformation in airways. Toxicol Lett 1993; 68: 251-63.
9. Harkema J, Wagner J. Epithelial and inflammatory responses in the airways of laboratory rats co-exposed to ozone and biogenic substances: enhancement of toxicant-induced airway injury. Exp Toxicol Pathol 2005; 57: Suppl 1: 129-41.
10. Harkema J, Wagner J. Non-allergic models of mucous cell metaplasia and mucus hypersecretion in rat nasal and pulmonary airways. Novartis Found Symp 2002; 248: 181-97; discussion 197-200, 277-82.
11. Harkema J, Plopper C, Hyde D, Wilson D, St George J, Wong V. Non-olfactory surface epithelium of the nasal cavity of the bonnet monkey: a morphologic and morphometric study of the transitional and respiratory epithelium. Am J Anat 1987; 180: 266-79.
12. Martineau-Doize B, Caya I. Ultrastructural characterization of the nasal respiratory epithelium in the piglet. Anat Rec 1996; 246: 169-75.
13. Popp J, Martin J. Surface topography and distribution of cell types in the rat nasal respiratory epithelium: scanning electron microscopic observations. Am J Anat 1984; 169: 425-36.
14. Harkema J, Keeler G, Wagner J, Morishita M, Timm E, Hotchkiss J, Marsik F, Dvonch T, Kaminski N, Barr E. Effects of concentrated ambient particles on normal

and hypersecretory airways in rats. Res Rep Health Eff Inst 2004; 1-68; discussion 69-79.
15. Frauenfelder C, Woods C, Hussey D, Ooi E, Klebe S, Carney A. Aquaporin expression profiles in normal sinonasal mucosa and chronic rhinosinusitis. Int Forum Allergy Rhinol 2014; 4: 901-8.
16. Seno S, Ogawa T, Shibayama M, Kouzaki H, Shimizu T. Expression and localization of aquaporin 1, 2, 3, 4, and 5 in human nasal mucosa. Am J Rhinol Allergy 2012; 26: 167-71.
17. Stoechkelhuber M, Olzowy B, Ihler F, Matthias C, Scherer E, Babaryka G, Loeffelbein D, Rohleder N, Nieberler M, Kesting M. Immunolocalization of antimicrobial and cytoskeletal components in the serous glands of human sinonasal mucosa. Histol Histopathol 2014; 29: 1315-24.
18. Kaliner M. Human nasal host defense and sinusitis. J Allergy Clin Immunol 1992; 90: 424-30.
19. Laube D, Yim S, Ryan L, Kisich K, Diamond G. Antimicrobial peptides in the airway. Curr Top Microbiol Immunol 2006; 306: 153-82.
20. Yang D, Chertov O, Oppenheim J. The role of mammalian antimicrobial peptides and proteins in awakening on innate host defenses and adaptive immunity. Cell Mol Life Sci 2001; 58: 979-89.
21. Tsou Y, Peng M, Wu Y, Lai C, Lin D, Tai C, Tsai M, Chen C, Chen J. Decreased PLUNC expression in nasal polyps is associated with multi-bacterial colonization in chronic rhinosinusitis patients. Eur Arch Otorhinolaryngol 2014; 271: 299-304.