

Obesity and pulmonary host defense

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STELLINGEN

Behorend bij het proefschrift

Obesity & Pulmonary Host Defense

Niki Ubags

Maastricht, 24 maart 2016

1. Obesity impairs pulmonary host defense by attenuating neutrophil function. *(dit proefschrift)*
2. The clinical relevance of animal models of obesity is dependent on a thorough understanding of which factors associated with obesity and the metabolic syndrome are manifested. *(dit proefschrift)*
3. The obesity paradox in ARDS is driven by a shift in alveolar macrophage phenotype from pro-inflammatory to anti-inflammatory during the progression of acute lung injury. *(dit proefschrift)*
4. Intact leptin signaling is critical in pulmonary host defense. *(dit proefschrift)*
5. Hyperleptinemia drives the increased risk for respiratory infections in obesity. *(dit proefschrift)*
6. More awareness and investigation of obesity and respiratory diseases is crucial to reduce the enormous burden on healthcare associated costs, since our current understanding may only reflect the tip of the iceberg.
7. The continued threat of emerging pathogens and antimicrobial resistance coupled with an increased susceptibility of the obese, underscores the critical need to identify therapeutic approaches that restore host defense in this population.
8. A transatlantic PhD project is both a privilege and a challenge. One truly benefits from 'the best of both worlds', yet one also has twice as many opinions to integrate.
9. Mutual respect is the key to successful communication in everyday life, the kind that can be seen between a horse and its rider.
10. The only differences between women and men should be in clinical studies, not in jobs, salaries or outdated perspectives.