Influences of nasal lavage collection-, processing- and storage methods on inflammatory markers--evaluation of a method for non-invasive sampling of epithelial lining fluid in cystic fibrosis and other respiratory diseases.

Hentschel J, Müller U, Doht F, Fischer N, Böer K, Sonnemann J, Hipler C, Hünniger K, Kurzai O, Markert UR, Mainz JG (2014) Influences of nasal lavage collection-, processing- and storage methods on inflammatory markers--evaluation of a method for non-invasive sampling of epithelial lining fluid in cystic fibrosis and other respiratory diseases. *J Immunol Methods* 404, 41-51.

Details

PubMed

Abstract

Non-invasive sampling of airway epithelial-lining-fluid by nasal lavage (NL) is an emerging method to monitor allergy, infection and inflammation in patients with respiratory diseases. However, the influences of collection-, processing- and storage-methods have not been sufficiently evaluated and standardized.

Beteiligte Forschungseinheiten

Fungal Septomics Oliver Kurzai Mehr erfahren

Leibniz-HKI-Autor*innen



Kerstin Hünniger

Details



Oliver Kurzai

Details

Identifier

doi: 10.1016/j.jim.2013.12.003

PMID: 24370751