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**Rhinology &  
Rhinoallergology**  
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Autumn Conference

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**Senigallia**  
Italy

## **Jens Uwe Ponikau, M.D.**

Dr Ponikau has an extensive background in chronic rhinosinusitis, asthma, airway immunology and histopathology, with specific training and experience in key research areas for this application.

As a postdoctoral fellow and later faculty member at the Mayo Clinic, he carried out laboratory-based and clinical research projects to investigate the role of eosinophils and fungi in Chronic Rhinosinusitis (CRS), such as asthma, allergic airway diseases and other eosinophilic inflammation in mucosal organs. He also developed translational research Programs to investigate the immunological mechanisms of CRS, to identify immunological biomarkers resulting in the first immunologic test for CRS, and developed novel therapeutic approaches for CRS patients.

He has developed a novel culture and staining method for fungi in human airways, significantly increasing the yield, and successfully designed and completed clinical trials for CRS.

