Rasamsonia argillacea species complex: taxonomy, pathogenesis and clinical relevance.

Titre	Rasamsonia argillacea species complex: taxonomy, pathogenesis and clinical relevance.
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Résumé en anglais	Since 2010, colonizations/infections by Rasamsonia argillacea species complex, previously known as Geosmithia argillacea, have been regularly reported in literature. We reviewed all available cases focusing on pathogenesis and clinical relevance. The number of cases may be underestimated, as these fungi are frequently misidentified as Penicillium or Paecilomyces species. Major underlying conditions that predispose for infections by the R. argillacea species complex include cystic fibrosis (CF) and chronic granulomatous disease (CGD). While the pathogenic role of the colonization of CF lungs is still under debate, these molds are the causative agent of pneumonia and/or invasive infections in CGD patients. Given their thermotolerance and their resistance to various antifungals, especially the azole drugs, a special attention should be paid to the chronic colonization of the airways by these fungi in CF and CGD patients.
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