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From Environment to Clinic: Understanding Antifungal Resistance in *Aspergillus fumigatus*

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Abstract: *Azole fungicides have created a link between clinical and environmental strains of *Aspergillus fumigatus*.*

• Introduction

An increasing number of azole-resistant strains originate from contaminated environmental sources.

• Material and method

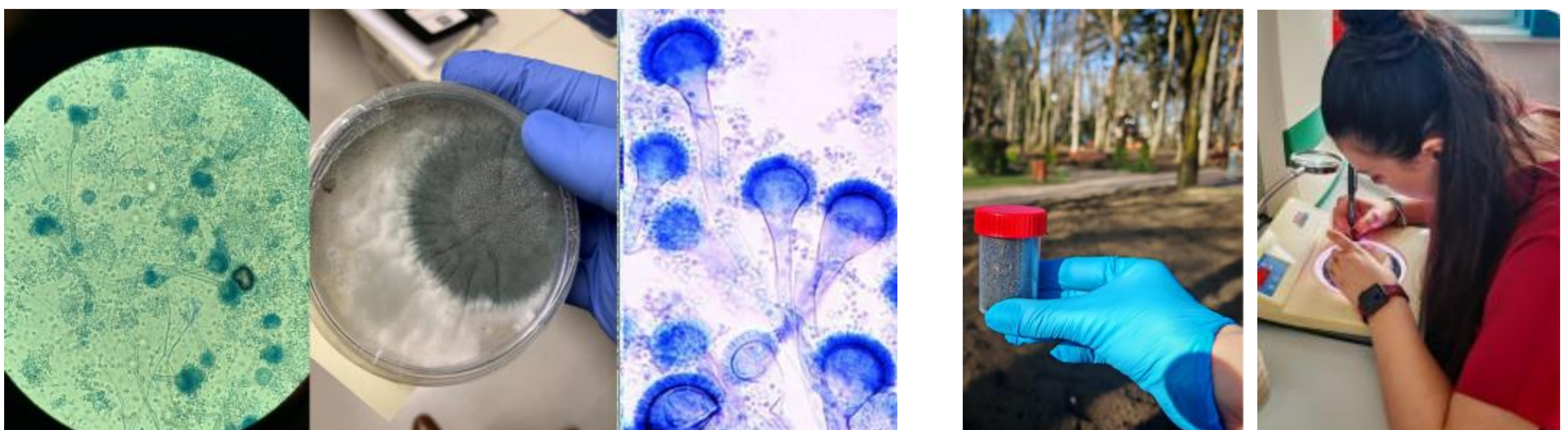
Various ecological niches were analyzed, and environmental isolates were compared with clinical ones.

• Results and discussions

Genetic similarities and common resistance mechanisms were identified among the studied strains.

• Conclusions

Rapid diagnosis and resistance control through monitoring and rational fungicide use are essential.



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