

EN
E-000921/2018
Answer given by Mr Andriukaitis
on behalf of the Commission
(25.4.2018)

The European Centre for Disease Prevention and Control has published a risk assessment on the impact of environmental usage of triazoles on the development and spread of resistance to medical triazoles in *Aspergillus* species¹. It concludes that resistance to triazole antifungals in human *Aspergillus* diseases appears to have been increasing in several European countries. However, the link between the environmental use of azole fungicides and the development of triazole resistance in *Aspergillus* species is not yet proven.

The Commission has already invested in research on antifungal resistance and continues to do so. Successful examples are the 7th Framework Programme for Research and Technological Development (FP7) project NOFUN² which developed a completely new class of antifungals (patent filed) and FP7 project SYBARIS³ which examined antifungal resistance and identified several novel molecules with potential antifungal action. The ongoing project FUNGITECT⁴ develops diagnostic tests for better targeted treatment which may decrease the over use of antifungals that leads to fungal resistance.

The Commission adopted the 'European one health action plan against antimicrobial resistance (AMR)' in June 2017⁵. This sets out a comprehensive framework of actions to address AMR, including multidrug resistance in fungi. The Action Plan has three main pillars: to make the EU a best practice region; to boost research development and innovation; and to shape the global agenda.

¹ ECDC Technical Report: Risk assessment on the impact of environmental usage of triazoles on the development and spread of resistance to medical triazoles in *Aspergillus* species. ECDC, 2013. <https://ecdc.europa.eu/sites/portal/files/media/en/publications/Publications/risk-assessment-impact-environmental-usage-of-triazoles-on-Aspergillus-spp-resistance-to-medical-triazoles.pdf>

² https://cordis.europa.eu/project/rcn/108714_en.html

³ https://cordis.europa.eu/result/rcn/91355_en.html

⁴ https://cordis.europa.eu/project/rcn/110939_en.html

⁵ COM/2017/0339, <http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=COM:2017:339:FIN>