Table S5. *Cochliobolus* species in industrial biotransformation

Fungal species	Host	Biotehnological application	References
Curvularia sp. strain DHE5	Soil	Production of extracellular lipase	(El-Ghonemy, El-Gamal, Tantawy, & Ali, 2017)
Curvularia kusanoi strain L7	Natural substrates	*Produced laccase with lignocel lulolytic potential of 2800 U L-1 enzymatic activity, 544.74 U g-1 specific activity and stable at 40 °C*	(Valiño Cabrera, Alberto Vázquez, Dustet Mendoza, & Albelo Dorta, 2020)
Cochliobolus lunatus	Unknown	Biotransformation of the anti diabetic agent corosolic acid (2α,3β-dihydroxyurs-12-en-28-oic acid) use for treatment of to treat diabetes, polyuria andpolydipsia	(Feng, Li, Zhang, Chu, & Luan, 2014)
Curvularia spp.	Ipomoea carnea	*Antibiotics production against Bacillus subtilis and Escherichia coli*	(Tayung, Sarkar, & Baruah, 2012)
Curvularia pallescens	Laguncularia racemosa	Antibiotics production against Staphylococcus aureus, Bacillus subtilis, Micrococcus luteus and Escherichia coli	(Silva, Almeida, Arruda, & Gusmao, 2011)Silva et al. (2011)
Curvularia sp.	Garcinia spp.	Antibiotics production against Mycobacterium tuberculosis	(Phongpaichit et al., 2007)
Cochliobolus australiensis	Pennisetum ciliare or Cenchrus ciliaris	Bioherbicides potential observed with cochliotoxin	(Masi et al., 2017)Masi et al. (2017a, b)
Cochliobolus lunatus	Mycobacterium smegmatis	Biotransformation of Mycobacterium smegmatis with Cochliobolus lunatus gene17β-hydroxysteroid: NADP 17-oxidoreductase for the production of testosterone	(Fernández‐Cabezón, Galan, & García, 2017)

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