Supplementary Material

Table S1. Antifungal effects of other plant crude extracts against *Aspergillus* spp.

Plant	Family	Extraction Solvent	Phytochemical Constituents/ Main Compounds Identified	*Aspergillus* Species	Antifungal Activity			Reference
					ZOI at 150 µL (mm)			
Eucomis bicolor	Asparagaceae	Acetone (70%)	-	*A. clavatus*	18			[1]
				A. niger	n.a.			
					MIC (g/L)	**MFC (g/L)**	**ZOI at 400 g/L (mm)**	
Phlomis olivieri	Lamiaceae	Methanol (extract)	-	*A. flavus*	n.a.	n.a.	n.a.	[2]
				A. fumigatus	n.a.	n.a.	n.a.	
		Petroleum ether (fraction)	-	*A. flavus*	1	4	19.4	
				A. fumigatus	0.5	2	18.3	
		Chloroform (fraction)	-	*A. flavus*	1	2	21.4	
				A. fumigatus	2	4	21.2	
		Ethyl acetate (fraction)	-	*A. flavus*	0.5	2	22.4	
				A. fumigatus	1	4	22.2	
		Water	-	*A. flavus*	n.a.	n.a.	n.a.	
				A. fumigatus	n.a.	n.a.	n.a.	
					ZOI (mm)			
Usnea florida (L.)	Parmeliaceae	Methanol	Thamnolic acid	*A. niger*	n.a.			[3]
		Chloroform		*A. flavus*				
		Acetone		*A. parasiticus*				
				A. fumigatus				
					ZOI at 1000 µg/disc (mm)			
Atrichum undulatum (Hedw.) P. Beauv	Polytrichaceae	Water	-	*A. fumigatus*	10.9			[4]
		Ethanol (99%)			14.8			
					GI at 1 mg/mL (%)			
Bergenia ciliata Sternb	Saxifragaceae	Methanolic	Steroids, terpenoids, tannins, flavonoids	*A. flavus*	n.a.			[5]
		n-Hexane		*A. niger*				

		Chloroform Ethyl acetate						
						GI (%)		
Portulaca oleracea L.	Portulacaceae	Ethanol (90%)	-	*A. flavus*		73.47-76.47		[6]
					MIC (mg/mL)	**MGI at MIC (%)**	**Total Activity (mL/g)**	
Acokanthera oppositifolia	Apocynaceae	Acetone (30%)	**-**	*A. flavus*	**0.16**	**12.29**	**208**	[7]
				A. ochraceous	**1.25**	**1.32**	**27**	
Apodytes dimidiata	Metteniusaceae	Acetone (30%)	-	*A. flavus*	0.16	**30.79**	**1104**	
				A. ochraceous	1.25	4.61	141	
Artemesia afra	Asteraceae	Acetone (30%)	-	*A. flavus*	0.16	13.62	**1000**	
				A. ochraceous	0.31	18.57	516	
Bauhinia galpini	Fabaceae	Acetone (30%)	-	*A. flavus*	0.16	3	396	
				A. ochraceous	0.1	3.38	633	
Brachylaena discolor	Asteraceae	Acetone (30%)	-	*A. flavus*	0.16	8.64	271	
				A. ochraceous	2.5	13.47	17	
Breonadia salicina	Rubiaceae	Acetone (30%)	-	*A. flavus*	0.16	5.75	854	
				A. ochraceous	1.25	**26.33**	109	
Capparis tamentosa	Capparaceae	Acetone (30%)	-	*A. flavus*	0.31	7.97	280	
				A. ochraceous	0.31	9.04	280	
Combretum caffrum	Combretaceae	Acetone (30%)	-	*A. flavus*	0.16	13.64	521	
				A. ochraceous	0.16	5	521	
Dracaena mannii	Asparagaceae	Acetone (30%)	-	*A. flavus*	0.31	21.04	226	
				A. ochraceous	0.63	**27.99**	111	
Ficus natelensis	Moraceae	Acetone (30%)	-	*A. flavus*	2.5	1.86	13	
				A. ochraceous	0.31	11.54	108	
Harpephyllum caffrum	Anacardiaceae	Acetone (30%)	-	*A. flavus*	0.63	4.73	196	
				A. ochraceous	0.78	16.29	158	
Heteromorpha arborescens	Apiaceae	Acetone (30%)	-	*A. flavus*	0.63	**32.13**	222	
				A. ochraceous	0.31	16.11	452	
Kirkia wilmsii	Kirkiaceae	Acetone (30%)	-	*A. flavus*	0.16	12.09	**1042**	
				A. ochraceous	2.5	7.34	67	
	Celastraceae		-	*A. flavus*	0.16	8.35	500	

Maytenus undata		Acetone (30%)		*A. ochraceous*	**0.08**	10.35	1000	
Millettia grandis	Fabaceae	Acetone (30%)	-	*A. flavus*	0.16	8.26	500	
				A. ochraceous	0.2	14.58	400	
Mystroxylon aethiopicum	Celastraceae	Acetone (30%)	-	*A. flavus*	0.16	**38.15**	542	
				A. ochraceous	0.31	11.28	280	
Ricinus communis	Euphorbiaceae	Acetone (30%)	-	*A. flavus*	**0.08**	9.38	500	
				A. ochraceous	0.2	3.65	400	
Solanum aculeastrum	Solanaceae	Acetone (30%)	-	*A. flavus*	0.16	11.4	438	
				A. ochraceous	0.39	15.36	179	
Spirostachys africana	Euphorbiaceae	Acetone (30%)	-	*A. flavus*	0.16	19.17	**1167**	
				A. ochraceous	0.16	**31.04**	**1167**	
Strychnos mitis	Loganiaceae	Acetone (30%)	-	*A. flavus*	1.25	11.35	131	
				A. ochraceous	0.31	24.69	527	
Warburgia salutaris	Canellaceae	Acetone (30%)	-	*A. flavus*	0.78	**29.73**	154	
				A. ochraceous	0.13	**28.59**	923	
Xylotheca kraussiana	Achariaceae	Acetone (30%)	-	*A. flavus*	0.78	5.52	449	
				A. ochraceous	2.5	7.34	140	
Zanthoxylum capense	Rutaceae	Acetone (30%)	-	*A. flavus*	0.78	12.54	103	
				A. ochraceous	0.16	8	500	
Ziziphus nummularia	Rhamnaceae	Methanol (90%) followed by sequential fractionation using chloroform, n-hexane, ethyl acetate and water	Flavonoids, steroids/triterpenoid, alkaloids, tannins, saponins	*A. niger*	n.a. (MIC >10 mg/mL)			[8]
					MIC (µg/mL)			
Ammi majus L.	Apiaceae	Ethanol (70%)	-	*A. fumigatus*	>100			[9]
					MIC (mg/mL)	**ZOI (mm)**		
Curcuma zedoaria	Zingiberaceae	n-hexane	-	*A. niger*	n.a.	n.a.		[10]
				A. flavus	n.a.	n.a.		

		Chloroform	-	*A. niger*	n.a.	n.a.
				A. flavus	274	12
		Ethyl acetate	-	*A. niger*	275	12
				A. flavus	274	12
		n-butanol	-	*A. niger*	252	14
				A. flavus	278	12
		Water	-	*A. niger*	n.a.	n.a.
				A. flavus	275	12
Dicliptera bupleuroides	Acanthaceae	n-hexane	-	*A. niger*	n.a.	n.a.
				A. flavus	n.a.	n.a.
		Chloroform	-	*A. niger*	251	14
				A. flavus	278	12
		Ethyl acetate	-	*A. niger*	276	12
				A. flavus	274	12
		n-butanol	-	*A. niger*	252	14
				A. flavus	276	12
		Water	-	*A. niger*	275	12
				A. flavus	276	12
Fumaria indica	Papaveraceae	n-hexane	-	*A. niger*	n.a.	n.a.
				A. flavus	387	4
		Chloroform	-	*A. niger*	251	14
				A. flavus	155	20
		Ethyl acetate	-	*A. niger*	275	12
				A. flavus	251	14
		n-butanol	-	*A. niger*	n.a.	n.a.
				A. flavus	276	12
		Water	-	*A. niger*	275	12
				A. flavus	251	14
					MIC (mg/mL)	
Alternanthera sessilis	Amaranthaceae	Sequential extraction using hexane, chloroform, ethyl acetate,	Alkaloids, flavonoids, cardiac glycosides, saponins, sterols, terpenoids	*A. fumigatus*	n.a. (>2.50)	[11]

		ethanol, methanol, and distilled water			
Catunaregam spinosa	Rubiaceae	Sequential extraction using hexane, chloroform, ethyl acetate, ethanol, methanol, and distilled water	Iridoid (10-methylixoside)	*A. fumigatus*	n.a. (>2.50)
Ipomoea aquatica	Convolvulaceae	Sequential extraction using hexane, chloroform, ethyl acetate, ethanol, methanol, and distilled water	Favonoids (quercetin, quercetin 3′-methylether, quercetin 4′-methylether, 3α-7β-O-D-diglycopyranosyl-dihydroquercetin), anthocyanins, carotenoids	*A. fumigatus*	n.a. (>2.50)
Tradescantia spathacea	Commelinaceae	Sequential extraction using hexane, chloroform, ethyl acetate, ethanol, methanol, and distilled water	Alkaloids, cardiac glycosides, flavonoids, saponins, steroids, tannins, terpenoids	*A. fumigatus*	n.a. (>2.50)
					MIC (mg/mL)

Tulbaghia violacea (Harv)	Amaryllidaceae	Deionised water	-	*A. flavus*	15	[12]

The bold value for antifungal activity indicates noteworthy activity (MIC ≤ 0.1 mg/mL).

"-": not determined; AI: activity index; GI: growth inhibition; MFC: minimum fungicidal concentration; MGI: mycelia growth inhibition; MIC: minimum inhibitory concentration; n.a.: not active; ZOI: zone of inhibition

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