

List of anti-viral plant species

Sl.No.	Name of species	Activity against	Disease	Marker molecule	Ref.
1.	<i>Spinacia oleracea</i>	COVID-19 Main Protease (Mpro)	nCoV	Kaempferol	Khaerunnisa S., et al., 2020
2.	<i>Brassica oleracea</i>	COVID-19 Main Protease (Mpro)	nCoV	Kaempferol	Khaerunnisa S., et al., 2020
3.	<i>Anethum graveolens</i>	COVID-19 Main Protease (Mpro)	nCoV	Kaempferol, Quercetin	Khaerunnisa S., et al., 2020
4.	<i>Brassica rapa</i>	COVID-19 Main Protease (Mpro)	nCoV	Kaempferol	Khaerunnisa S., et al., 2020
5.	<i>Foeniculum vulgare</i>	COVID-19 Main Protease (Mpro)	nCoV	Quercetin	Khaerunnisa S., et al., 2020
6.	<i>Allium cepa</i>	COVID-19 Main Protease (Mpro)	nCoV	Quercetin	Khaerunnisa S., et al., 2020
7.	<i>Capsicum annum</i>	COVID-19 Main Protease (Mpro)	nCoV	Quercetin, Luteolin-7-glucoside	Khaerunnisa S., et al., 2020
8.	<i>Olea Europaea L</i>	COVID-19 Main Protease (Mpro)	nCoV	Luteolin-7-glucoside, Apigenine-7-glucoside, Oleuropein	Khaerunnisa S., et al., 2020
9.	<i>Averrhoa belimbi</i>	COVID-19 Main Protease (Mpro)	nCoV	Luteolin-7-glucoside, Apigenine-7-glucoside	Khaerunnisa S., et al., 2020
10.	<i>Curcuma longa</i>	COVID-19 Main Protease (Mpro)	nCoV	Demethoxycurcumine, Curcumin	Khaerunnisa S., et al., 2020
11.	<i>Citrus sinensis</i>	COVID-19 Main Protease (Mpro)	nCoV	Naringenin	Khaerunnisa S., et al., 2020
12.	<i>Apium graveolens</i>	COVID-19 Main Protease (Mpro)	nCoV	Apigenine-7-glucoside	Khaerunnisa S., et al., 2020
13.	<i>Camellia sinensis</i>	COVID-19 Main Protease (Mpro)	nCoV	Catechin, Epicatechin gallate	Khaerunnisa S., et al., 2020
14.	<i>Zingiber officiale</i>	COVID-19 Main Protease (Mpro)	nCoV	Zingerol, Gingerol	Khaerunnisa S., et al., 2020
	<i>Zingiber officinale</i>	Immunomodulatory, antitumorigenic, anti-inflammatory, antiapoptotic, antihyperglycemic, antilipidemic antiemetic, antioxidants, and antimicrobials activities	AIDS		Gurmu A.E., et al., 2017
	<i>Zingiber officinale</i>	Rhino virus	Common cold		Ohemu T.L., et al., 2014
15.	<i>Allium sativum</i>	COVID-19 Main Protease (Mpro)	nCoV	Allicin	Khaerunnisa S., et al., 2020
	<i>Allium sativum</i>	Activities against immunodeficiency virus, antimicrobial,	AIDS		Gurmu A.E., et al., 2017

		antioxidant, anticarcinogenic, and antioxidants activities			
	<i>Allium sativum</i>	Rhino virus	Common cold		Ohemu T.L., et al., 2014
16.	<i>Adhatoda vasica</i>	HIV-protease	AIDS		Singh K.P., et al., 2010
17.	<i>Nigella sativa</i>	Immunomodulatory, anti-inflammatory, analgesic, antipyretic, antimicrobial, antineoplastic, and antioxidant activity	AIDS		Gurmu A.E., et al., 2017
	<i>Nigella sativa</i>	MCMV	Murine cytomegalovirus infection		Salem, et al., 2000
18.	<i>Moringa oleifera</i>	Anti-HSV (herpes simplex virus type 1), antioxidant, antimicrobial, antihypertensive, diuretic, cholesterol lowering, antitumor, and anticancer activities, HIV, hepatitis virus	AIDS, hepatitis		Gurmu A.E., et al., 2017, Ohemu T.L., et al., 2014
19.	<i>Ocimum gratissimum</i>	Rubeola virus	Measles		Ohemu T.L., et al., 2014
20.	<i>Azadirachta indica</i>	Hepatitis virus	Hepatitis		Ohemu T.L., et al., 2014
21.	<i>Nicotiana tabacum</i>	Varicella zoster virus	Chicken pox		Ohemu T.L., et al., 2014
22.	<i>Cinnamomum tamala</i>	HIV	AIDS	trans-cinnamaldehyde	Upadhyay R.K., et al., 2017
23.	<i>Syzygium aromaticum</i>	Hepatitis C virus HSV	Hepatitis Herpes simplex viral infection	- Eugeniin	Chaieb K., et al., 2007
24.	<i>Cinnamomum cassia</i>	H7N3	Avian influenza	Extract and AgNPs from bark	Fatima M., et al., 2015
25.	<i>Cinnamomum zeylanicum</i>		Viral infections	Essential oil extract	Chao S. C., et al., 2011

