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Research Article

Discovering the Potential of Teak, Turmeric, and Ginger in Broiler Chicken Gut Health: A Network Biology Perspective on Il-6 Inhibition

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Table S1: The list of phytocompounds from *Tectona grandis*, *Zingiber officinale*, and *Curcuma longa* along with their CID number and binding affinity according to the molecular docking analysis.

No.	CID	Compound	Herbs	Binding Affinity (kcal/mol)
1	160512	ar-turmerone	*Curcuma longa*	-5.828
2	5469424	demethoxycurcumin	*Curcuma longa*	-4.923
3	969516	curcumin	*Curcuma longa*	-4.725
4	5315472	bisdemethoxycurcumin	*Curcuma longa*	-4.666
5	14632996	α-turmerone	*Curcuma longa*	-4.649
6	196216	β-turmerone	*Curcuma longa*	-4.322
7	157009729	luteolin 7-O-diglucuronide	*Tectona grandis*	-5.759
8	126843388	apigenin 7-O-diglucuronide	*Tectona grandis*	-5.719
9	5281800	verbascoside	*Tectona grandis*	-5.626
10	5280343	quercetin	*Tectona grandis*	-5.463
11	1794427	Chlorogenic acid	*Tectona grandis*	-5.462
12	5281426	Umbelliferone	*Tectona grandis*	-5.296
13	5280445	Luteolin	*Tectona grandis*	-5.209
14	637775	Sinapic Acid	*Tectona grandis*	-4.788
15	5281855	ellagic acid	*Tectona grandis*	-4.729
16	370	Gallic Acid	*Tectona grandis*	-4.612
17	5280805	rutin	*Tectona grandis*	-4.588
18	445858	Ferulic Acid	*Tectona grandis*	-4.548
19	8468	vanilic acid	*Tectona grandis*	-4.522
20	444539	Cinnamic acid	*Tectona grandis*	-4.496
21	72	protocatechuic acid	*Tectona grandis*	-4.489
22	101519310	diglucuronide	*Tectona grandis*	-4.363
23	135	p-Hydroxybenzoic acid	*Tectona grandis*	-4.327
24	6508	quinic acid	*Tectona grandis*	-4.308
25	637542	p-coumaric acid	*Tectona grandis*	-4.262
26	16129778	tannic acid	*Tectona grandis*	81.495
27	12315492	beta-sesquiphellandrene	*Zingiber officinale*	-6.01
28	92776	zingiberene	*Zingiber officinale*	-5.837
29	92139	ar-curcumene	*Zingiber officinale*	-5.597
30	10104370	beta-bisabolene	*Zingiber officinale*	-5.467
31	11142	beta-phellandrene	*Zingiber officinale*	-5.386
32	11369949	6-gingerdiol	*Zingiber officinale*	-5.274
33	5281794	6-shogaol	*Zingiber officinale*	-5.224
34	442793	6-gingerol	*Zingiber officinale*	-5.22
35	162952	6-gingerdione	*Zingiber officinale*	-5.154
36	5281775	Gingerenone A	*Zingiber officinale*	-4.864
37	5281516	alpha-farnesene	*Zingiber officinale*	-4.72
38	86597	alpha-bisabolene	*Zingiber officinale*	-4.673
39	638011	geranial	*Zingiber officinale*	-4.659
40	22311	limonene	*Zingiber officinale*	-4.655
41	637566	Geraniol	*Zingiber officinale*	-4.595
42	13213649	Zingiberenol	*Zingiber officinale*	-4.475
43	6549	linalool	*Zingiber officinale*	-4.474
44	31211	zingerone	*Zingiber officinale*	-4.465

45	6654	alpha-pinene	*Zingiber officinale*	-3.689
46	14896	beta-pinene	*Zingiber officinale*	-3.627
47	6616	camphene	*Zingiber officinale*	-3.302

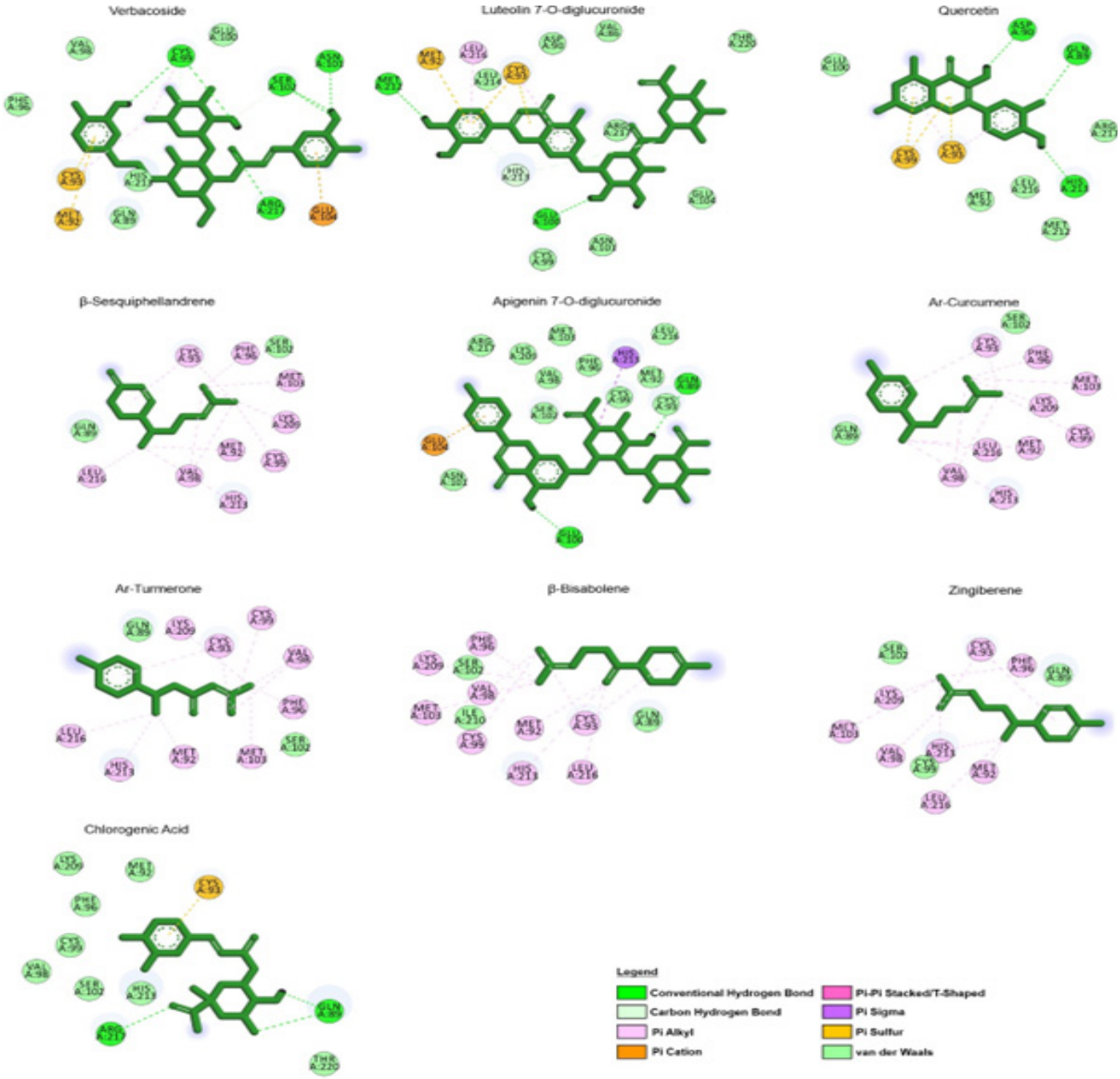

Figure S1: Interaction chemistry of ten selected compounds according to the molecular docking analysis.