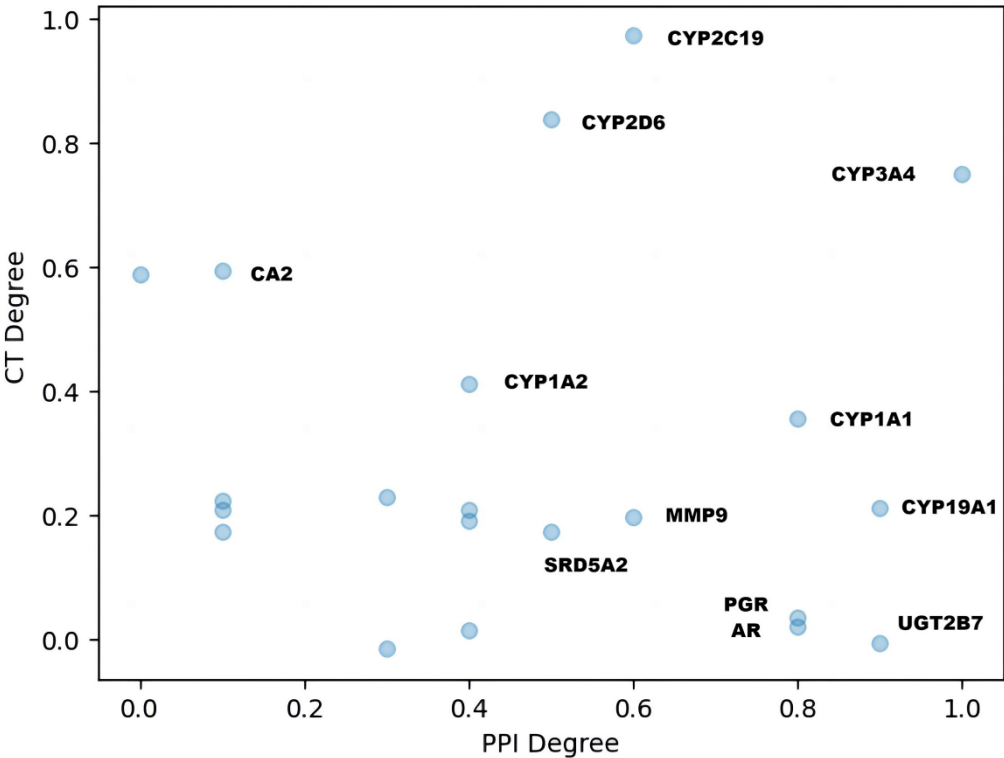


Supplementary Fig. 1. The legend in the data matrix after min-max normalization.



Supplementary Table 1 Core targets and their degree through min-max normalization.

Target	Degree of PPI network	Degree of key CT network	PPI's Degree After min-max	Key CT's Degree After min-max	Aggregate total by min-max
CYP3A4	11	4	1	0.8	1.8
CYP2C19	7	5	0.6	1	1.6
CYP2D6	6	4	0.5	0.8	1.3
CYP19A1	10	1	0.9	0.2	1.1
CYP1A1	8	2	0.7	0.4	1.1
UGT2B7	10	0	0.9	0	0.9
PGR	9	0	0.8	0	0.8
AR	9	0	0.8	0	0.8
MMP9	7	1	0.6	0.2	0.8
CYP1A2	5	2	0.4	0.4	0.8
SRD5A2	6	1	0.5	0.2	0.7
CA2	2	3	0.1	0.6	0.7

Supplementary Table 2 Details of targets and compounds for molecular docking.

Target	PDB ID	Center Coordinates	Compounds Name	Pubchem CID
PGR	1SQN	Chain A: -2.464, 1.107, 30.594 Chain B: 13.135, 25.994, 2.072	Ferulic Acid	445858
UGT2B7	2O6L	13.807, 24.677, 104.255	Canadine	34458
CYP2D6	3QM4	-10.412, -16.048, 32.276	Cavidine	193148
AR	3V49	81.951, 49.33, 46.452	Aristolone	165536
CYP19A1	3S79	26.409, 4.723, 2.91	(R)-Canadine	443422
CYP2C19	4GQS	-79.027, 19.084, - 43.071	(S)-Canadine	21171
CYP1A1	4I8V	-22.114, 40.010, - 31.143		
CYP3A4	5VCC	-19.666, -29.981, - 12.743		