

Supplemental Data

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Article Title

Correlation of cytochrome P450 oxidoreductase expression with the expression of 10 isoforms of cytochrome P450 in human liver

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Supplemental Table

Supplementary Table 1

Donor characteristics of human liver samples and POR data in donor subgroups

Variables	Group	N	POR (Median)		
			Protein (pmol/mg) (N)	mRNA (N)	Activity (nmol/min/mg)
Gender	Male	40	76.23 (36)	0.27 (36)	50.99
	Female	85	67.65 (64)	0.28 (71)	56.49
Age (years)	20-45	49	73.50 (36)	0.28 (45)	61.25
	46-60	62	60.55 (52)	0.28 (51)	52.03
	61-75	14	93.44 (12)	0.22 (11)	65.56
Smoking	Non-smoking	112	71.72 (87)	0.29 (94)	56.57
	smoking	13	52.40 (13)	0.26 (13)	46.53*
Drinking	Non-drinking	112	70.90 (88)	0.29 (94)	57.01
	drinking	13	50.35 (12)	0.26 (13)	44.45 ^s
Medical Diagnosis	cavernous hemangioma of liver	90	56.26 (69)	0.28 (76)	53.44
	cholelithiasis	9	72.35 (9)	0.32 (9)	56.05
	gallbladder cancer	5	85.34 (4)	0.28 (4)	43.41
	hepatocellular carcinoma	4	58.03 (4)	0.23 (4)	62.07
	hepatic cholangiocarcinoma	7	86.90 (6)	0.23 (6)	68.09
	metastatic carcinoma	10	88.44 (8)	0.15(8)	61.99

For POR protein and mRNA, the number of liver samples was 100 and 107, respectively. * $P < 0.05$ VS nonsmoking; ^s $P < 0.05$ VS non-drinking.