

Supplementary Table 2: Circulating matrix metalloproteinase and tissue inhibitor concentrations in heart failure clinical studies.											
Clinical study	HF type	NYHA	Patients (n)	MMP-1 (ng/ml)	MMP-8 (ng/ml)	MMP-2 (ng/ml)	MMP-9 (ng/ml)	MMP-3 (ng/ml)	TIMP-1 (ng/ml)	TIMP-2 (ng/ml)	Ref.
Ahmed	HHD	II–III	(50) 53			(1383) 1286	(13) 24		(1000) 1364	(42) 59	[29]
Alla	Various	III–IV	(92) 239	(4.4) 2.4					(828) 596		[43]
Altieri	Various	I–IV	(51) 52			(1016) 1393	(35) 198		(653) 810	(33) 28	[51]
Aukrust	Various	II–IV	(21) 38								[9]
Deswal	Various	III–IV	(0) 1169								[12]
Dibbs	Various	III	(10) 10								[10]
Dunlay	Various	III–IV	(0) 486								[63]
Ferrari	Various	II–IV	(26) 37								[13]
Frantz	Various	I–IV	(74) 249				(62) 65		(735) 1640		[28]
George	Various	II–IV	(30) 88			(155) 348	(31) 44	(31) 28	(144) 274		[40]
Jordan	Various	I–IV	(50) 53	(3.5) 2.4					(548) 1176		[41]
Levine	Various	III–IV	(33) 33								[74]
Limas	Various	II–III	(0) 109								[56]
Lommi	Various	II–IV	(14) 44								[58]
Lopez	HHD	II–IV	(20) 39	(4.8) 13.3					(588) 1176		[26]
Maeda	Various	III–IV	(0) 102								[61]
Matsumori	Various	I–IV	(17) 126								[47]
Mohler	Various	III–IV	(6) 92								[46]
Munger	Various	II–IV	(17) 78								[44]
Naito	Various	III–IV	(10) 110	(2.0) 10		(700) 1150					[65]
Niethammer	Various	II–III	(20) 34								[64]
Noji	HCM	I–IV	(50) 28			(780) 1000			(110) 160	(30) 40	[27]
Ohtsuka	DCM	II–III	(20) 71			(351) 646	(384) 744	(20) 65			[42]
Radauceanu	Various	II–IV	(0) 1009	(N/A) 9.8					(N/A) 1478		[45]
Rauchhaus	Various	I–IV	(0) 152								[11]
Schwartzkopff	DCM	II–IV	(43) 47	(2.2) 5.3					(182) 207		[38]
Testa	Various	I–IV	(20) 80								[48]
Torre-Amione	Various	I–III	(10) 63								[54]
Tsutamoto	Various	II–IV	(13) 80								[60]
Tziakas	Various	III–IV	(30) 52								[14]
Wang	DCM	I–IV	(32) 65								[55]
Wilson	Various	III	(48) 24		(16) 9.5	(352) 360	(25) 75		(1375) 2015	(185) 63	[37]
Yamaoka	Various	II–IV	(31) 68								[57]
Mean reported MMP levels for control patients (in parentheses) and HF patients.											
DCM: Dilated cardiomyopathy; HCM: Hypertrophic cardiomyopathy; HF: Heart failure; HHD: Hypertensive heart disease; MMP: Matrix metalloproteinase; N/A: Not applicable; NYHA: New York Heart Association class; TIMP: Tissue inhibitor of matrix metalloproteinase; Various: Various heart failure etiologies.											