**Endocannabinoid 2-arachidonoylglycerol is elevated in the coronary circulation during acute coronary syndrome**

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**Supporting Information**

**S1 Table. Pearson’s correlation coefficients (r) of endocannabinoid levels (sheath) with clinical parameters and laboratory findings.**

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| **Correlation with** | **2-AG** | **AEA** | **PEA** | **AA**  |
| Age | r = 0.0259p = 0.8256 | r = 0.1164p = 0.3235 | r = 0.0372p = 0.7653 | r = -0.0208p = 0.8862 |
| Weight | r = -0.0803p = 0.5527 | r = 0.2508p = 0.0647 | r = -0.0337p = 0.8182 | r = 0.2395p = 0.0939 |
| Height | r = 0.0683p = 0.6236 | r = -0.2616p = 0.0610 | r = -0.1377p = 0.3559 | r = -0.1442p = 0.3282 |
| BMI | r = -0.1158p = 0.4045 | ***r = 0.3703******p = 0.0069*** | r = 0.0460p = 0.7588 | ***r = 0.3215******p = 0.0259*** |
| Systolic blood pressure | r = -0.1020p = 0.3841 | r = -0.0165p = 0.8893 | r = -0.0326p = 0.7937 | r = -0.0703p = 0.5687 |
| Diastolic blood pressure | r = 0.0550p = 0.6394 | ***r = 0.2502******p = 0.0315*** | r = 0.1719p = 0.1641 | r = 0.0750p = 0.5434 |
| Heart rate | r = -0.0257p = 0.8281 | ***r = 0.2553******p = 0.0293*** | ***r = 0.3478******p = 0.0042*** | r = 0.0730p = 0.5571 |
| Erythrocytes | r = -0.1083p = 0.3550 | ***r = 0.3045******p = 0.0083*** | r = 0.1926p = 0.1184 | ***r = 0.2524******p = 0.0379*** |
| Hb | r = -0.1639p = 0.1600 | ***r = 0.2765******p = 0.0171*** | ***r = 0.2660******p = 0.0296*** | ***r = 0.2596******p = 0.0325*** |
| Hematocrit | r = -0.1592p = 0.1726 | ***r = 0.3086******p = 0.0075*** | ***r = 0.2867******p = 0.0186*** | r = 0.2271p = 0.0625 |
| Thrombocytes | r = -0.0218p = 0.8526 | r = 0.0116p = 0.9216 | r = -0.1227p = 0.3224 | r = 0.0707p = 0.5667 |
| Leukocytes | r = 0.0325p = 0.7819 | r = -0.0968p = 0.4122 | r = -0.1090p = 0.3798 | r = 0.1127p = 0.3600 |
| Lymphocytes | r = 0.0384p = 0.7613 | r = -0.1265p = 0.3191 | r = -0.1859p = 0.1586 | r = 0.1725p = 0.1914 |
| Monocytes | r = - 0.0020p = 0.9876 | r = -0.0320p = 0.8021 | r = 0.1631p = 0.2170 | r = 0.0271p = 0.8387 |
| Neutrophil Granulocytes | r = -0.0653p = 0.6055 | r = 0.0180p = 0.8878 | r = 0.0231p = 0.8623 | r = 0.0343p = 0.7967 |
| Eosinophil Granulocytes | r = 0.0255p = 0.8413 | r = -0.1202p = 0.3482 | r = -0.1207p = 0.3670 | r = -0.1461p = 0.2739 |
| Basophil Granulocytes | r = -0.0417p = 0.7418 | r = -0.0632p = 0.6199 | r = -0.0061p = 0.9637 | r = -0.0307p = 0.8174 |
| CRP | r = 0.0387p = 0.7538 | r = 0.0604p = 0.6272 | r = 0.0038p = 0.9769 | r = -0.2258p = 0.0802 |
| PCT | r = 0.0214p = 0.8758 | r = 0.1365p = 0.3158 | r =0.0224p = 0.8722 | r = -0.1367p = 0.3196 |
| IL-6 | ***r = 0.4235******p = 0.0013*** | r = -0.1066p = 0.4387 | r = 0.0957p = 0.4911 | r = -0.0865p = 0.5300 |
| IL-8 | r = -0.1165p = 0.4060 | r = -0.1140p = 0.4117 | r = -0.1702p = 0.2232 | r = -0.0447p = 0.7482 |
| Complement 3 | r = -0.0670p = 0.6271 | r = 0.1627p = 0.2354 | r = -0.1366p = 0.3247 | r = 0.1582p = 0.2488 |
| Complement 4 | r = -0.1499p = 0.2747 | r = 0.1592p = 0.2457 | r = -0.1309p = 0.3455 | r = -0.0084p = 0.9516 |
| HbA1c | r = -0.0854p = 0.5025 | r = 0.0815p = 0.5255 | r = -0.0099p = 0.9406 | r = -0.0347p = 0.7926 |
| Peak troponin | ***r = 0.4564******p < 0.0001*** | r = 0.1100p = 0.3507 | r = 0.0350p = 0.7788 | r = 0.2242p = 0.0661 |
| Peak CK-MB | r = 0.1049p = 0.3703 | r = 0.0594p = 0.6150 | r = 0.2189p = 0.0751 | r = 0.0414p = 0.7377 |
| Total cholesterol | r = 0.0050p =0.6981 | r = 0.1626p = 0.2029 | ***r = 0.2556******p = 0.0468*** | r = 0.2204p = 0.0878 |
| LDL | r = 0.0614p = 0.6056 | r = 0.1848p = 0.1175 | ***r = 0.2990******p = 0.0147*** | r = 0.1226p = 0.3269 |
| HDL | r = -0.1347p = 0.2558 | r = -0.0876p = 0.4612 | r = 0.1120p = 0.3706 | r = 0.0667p = 0.5948 |
| Triglycerides | r = 0.1073p = 0.3730 | r = 0.0115p = 0.9243 | r = -0.0663p = 0.6028 | r = 0.0793p = 0.5333 |

P-values as indicated. 2-AG, 2-arachidonoylglycerol; AA, arachidonic acid; AEA, *N*-arachidonoylethanolamide; BMI, body mass index; CK-MB, creatine kinase-muscle/brain; CRP, c-reactive protein; Hb, hemoglobin; HDL, high-density lipoprotein; IL, interleukin; LDL, low-density lipoproetin; PCT, procalcitonin; PEA, palmitoylethanolamide.