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| **Supplementary Table 1.** ﻿Spearman Correlation Coefficients between serum protein levels of all biomarkers in male sample. \*P < 0.05, \*\*P < 0.01.  |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   | HNE4 | BLBP | CLDN5 | Fibrinogen | GFAP | HMGB1 | NFL | PEA15 | pTau | Tau | UCHL1 | VEGFa |
| BLBP | .67\*\* | 1 | .743\*\* | -.291\* | 0.156 | 0.038 | .269\* | .394\*\* | .581\*\* | 0.156 | 0.116 |   |
| CLDN5 | .81\*\* | .74\*\* | 1 | -0.226 | .270\* | 0.198 | .375\*\* | .586\*\* | .665\*\* | .368\*\* | 0.191 |   |
| Fibrinogen | -.07 | -.29\* | -.22 | 1 | 0.175 | -0.011 | -0.167 | -0.074 | 0.018 | .355\*\* | -0.099 |   |
| GFAP | .25\* | .16 | .27\* | .17 | 1 | 0.235 | 0.201 | .269\* | .291\* | .333\*\* | .310\*\* |   |
| HMGB1 | .17 | .04 | .20 | -.01 | .23 | 1 | .266\* | .295\* | 0.168 | .314\*\* | 0.035 |   |
| NFL | .51\*\* | .27\* | .37\*\* | -.17 | .20 | .27\* | 1 | .368\*\* | .333\*\* | 0.188 | 0.009 |   |
| PEA15 | .48\*\* | .39\*\* | .59\*\* | -.07 | .27\* | .29\* | .37\*\* | 1 | .271\* | 0.118 | 0.152 |   |
| pTau | .67\*\* | .58\*\* | .66\*\* | .02 | .29\* | .17 | .33\*\* | .27\* | 1 | .337\*\* | -0.004 |   |
| Tau | .51\*\* | .16 | .37\*\* | .35\*\* | .33\*\* | .31\*\* | .19 | .12 | .34\*\* | 1 | 0.049 |   |
| UCHL1 | -.03 | .12 | .19 | -.10 | .31\*\* | .03 | .01 | .15 | -.01 | .05 | 1 |   |
| VEGFa | .82\*\* | .68\*\* | .79\*\* | -.21 | .30\* | .04 | .49\*\* | .39\*\* | .67\*\* | .29\* | .13 |   |
| vWF | .71\*\* | .45\*\* | .63\*\* | -.11 | .38\*\* | .36\*\* | .51\*\* | .41\*\* | .42\*\* | .60\*\* | -.03 | .58\*\* |

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