**Additional File 1**

**Type 1 Diabetic mellitus patients with increased atherosclerosis display decreased *CDKN2A/2B/2BAS* gene expression in leukocytes**

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**Additional Files**

**Table S1. Correlation studies of demographic and plasmatic parameters with CC-IMT.**

|  | **Rho Spearman** | | | **p value** | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **AGE** | | | 0.326 | | 0.025\* | |
| **BMI** | | | 0.348 | | 0.030\* | |
| **Glucose levels** | | | 0.349 | | 0.010\* | |
| **HbA1C levels** | | 0.354 | | | | 0.011\* |
| **TOTAL-C levels** | | 0.266 | | | | 0.054 |
| **LDL-C levels** | | 0.314 | | | | 0.022\* |
| **HDL-C** | | -0.092 | | | | 0.512 |
| **apoB levels** | | 0.3461 | | | | 0.011\* | |

BMI: body mass index; TOTAL-C: total cholesterol; LDL-C: low density lipoprotein cholesterol; HDL-C: high density lipoprotein cholesterol; apoB: apolipoprotein B; CC-IMT: common carotid intima-media thickness; \*p<0.05; Statistical significance was assessed by non-parametric Spearman correlation coefficient.

**Table S2. Correlation between HbA1C and glucose levels and mRNA expression levels CD4+ differentiation transcription factors**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | **HbA1C** | | | | | |
|  | | | **Rho spearman** | **p value** | | | | |
| ***TBET*** | -0.1831 | | | | 0.1542 | |
| ***GATA3*** | -0.1344 | | | | 0.3019 | | | |
| ***RORC*** | -0.2433 | | | | 0.0589 | | | |
| ***FOXP3*** | -0.6124 | | | | 0.0061\* | | | |
| ***SOCS1*** | -0.2477 | | | | 0.0503\* |
| ***SOCS3*** | -0.0709 | | | | 0.5867 | | | |
|  | | **Glucose** | | | | | | |
|  | | | **Rho spearman** | **p value** | | | | |
| ***TBET*** | -0.0962 | | | | 0.4495 | |
| ***GATA3*** | -0.1709 | | | | 0.1840 | | | |
| ***RORC*** | -0.09889 | | | | 0.4407 | | | |
| ***FOXP3*** | -0.2803 | | | | 0.0486\* | | | |
| ***SOCS1*** | -0.3549 | | | | 0.0037\* |
| ***SOCS3*** | -0.02655 | | | | 0.8363 | | | |

\*p<0.05; Statistical significance was assessed by non-parametric Spearman correlation coefficient.

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