Α В **T2DM-free individuals T2DM patients** 4 **BM-MSCs samples** patients – over 10 years with T2DM patients - 5 years with T2DM patients - 10 years with T2DM **Control subgroup** BM-MSCs –diabete subgroup BM-MSCs -diabete subgroup BM-MSCs –diabete subgroup Ł Case group (N=19) Control group (N=5)

Schematic visualization of the sampling design