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Epigenetics and type 1 diabetes: mechanisms and translational applications

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**Equally contributed to this work*

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Abbreviations: DAC = 5-Aza-2'-deoxycytidine; DNMT = DNA methyltransferase; HAT = histone acetyltransferase; HDAC = histone deacetylase; HDACi = HDAC inhibitors; IL-2 = interleukin-2; INS = insulin; LADA = latent autoimmune diabetes in adults; miRNA = microRNA; PBMCs = peripheral blood mononuclear cells; PPAR α = peroxisome proliferator-activated receptor α ; Treg = regulatory T cell; SIRT = sirtuin; STZ = streptozotocin; T1D = type 1 diabetes.

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