

bisulfite sequencing method originally developed by AI Clina Sarkin in Australia [32, 33].

Aim 2: To determine patterns of methylation in different physiological contexts.

A) We already know that in individuals with type 2 diabetes there is a selective decrease of methylation commercially (on Illumina Infinium[®] arrays). We will investigate liver, skeletal muscle, heart and blood. For instance, efforts to establish a better understanding of the mechanisms will not need to be