

Certificate Of Biostatistics

July 12th, 2019

TO WHOM IT MAY CONCERN

Title of study: **Type 1 diabetes loci display a variety of Native American and African ancestries in diseased individuals from Northwest Colombia**

This letter is to certify that in this study have participated two researchers with ample qualifications and expertise on biostatistics. These were professor Suzanne M Leal, who is the head of the Center for statistical Genetics at Columbia University; and myself (Nicolas Pineda-Trujillo). I am the head of the Gene Mapping Group, where we apply statistical methods on a regular basis as part of our work.

Sincerely,

