

Certificate of Biostatistics

3 January 2020

To whom it may concern

Title of Study: Intestinal dysbiosis in pediatric Crohn's disease patients with *IL10RA* mutations

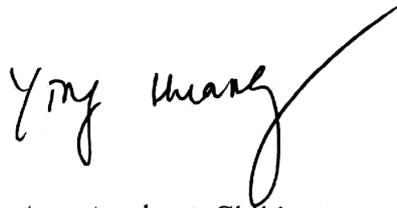
Chief investigator: Ying Huang,

Department of Gastroenterology, Children's Hospital of Fudan University, Shanghai, China.

This letter is to confirm that I have read the ethics application prepared for this study, and that in my opinion the statistical methods and techniques mentioned are appropriate for the research.

Please contact me if you have any queries.

Sincerely,



Department of Gastroenterology, Children's Hospital of Fudan University, 399 Wanyuan Road, Shanghai, China.

E-mail: yhuang2019@126.com

Telephone: 021-64931727