

Certificate of Biostatistics

13 Nov 2019

To whom it may concern

Title of Study: Technetium-99m-labeled Macroaggregated Albumin Lung Perfusion Scan for Diagnosis of Hepatopulmonary Syndrome: A Prospective Study Comparing Brain Uptake and Whole-body Uptake

Chief investigator: Xiao Li, Department of Interventional Therapy, National Cancer Center/National Clinical Research Center/Cancer Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing 100021, China.

The 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, *Huaiyuan Ma*

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