Professor Philip Campbell

Editor-in Chief

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Dear Professor Campbell,

Enclosed please find out our recent research paper entitled “Diagnostic Role of APC Promoter Methylation in Non-Small Cell Lung Cancer (NSCLC): An Integrate-Analysis of Published Articles and Microarray Data”. APC has been considered one of most important biomarker for early diagnosis of cancer while there was still not yet any quantitative assessment for the sensitivity and specificity in NSCLC. In this report, we made a comprehensively assessment on the diagnosis ability of APC promoter hypermethylation in NSLCL with a combination of Meta-analysis and independent Microarray dataset from TCGA project. Three credible heterogeneity sources to the association between APC methylation and NSCLC were identified, including primer set, proportion of adenocarcinoma in NSCLC samples. The present study shows that the methylation status of APC would be an excellent diagnosis biomarker in remote non-invasive media. In addition, APC methylation test has better diagnosis ability in adenocarcinoma than that in squamous cell carcinoma, which is critical for clinical cancer diagnosis of adenocarcinoma lung cancer. Since prof. Bharati Bapat was the expert in the field of molecular diagnostics, we suggest him to be assigned to evaluate the manuscript.

All authors have agreed the current version of the manuscript. The manuscript has not been submitted to elsewhere for considering publication.

Thanks for your editorial help in advance.

Sincerely,

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