adenocarcinoma (AC) or squamous cell carcinoma (SCC) by standard histopathologic methods.” In fact, adding a new diagnostic tool to the classical diagnostic tool might improve the diagnostic ability. Focusing on the use of microRNA assays, there are still left concern and questions on the cost effectiveness, availability, and complexity of the tests. These points have to be further discussed. Focusing on MiR-205 MicroRNA, its diagnostic value for differentiating between AC and SCC is still controversial. Some previous reports showed limitation of its ability to diagnose SCC.2 Also, the MiR-205 can also increase in the case with severe inflammation and benign tumor.3 The possibility of false-positive because of noncancerous lesion has to be further studied.

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REFERENCES

Reply to “MiR-205 and miR-375 microRNA Assays to Distinguish Squamous Cell Carcinoma From Adenocarcinoma in Lung Cancer Biopsies”

In Response:
We thank Dr. Wiwanitkit for his comments on our study.1 The microRNA-based assay described in it requires the quantification of only four RNAs (miR-21, miR-205, and miR-375, and RNU6B). As already noted by us in the publication, this can be conveniently done in any laboratory with a quantitative polymerase chain reaction machine, with time and material costs similar to those for immunohistochemistry-based diagnosis of non–small-cell lung cancer histology. However, the suitability of the assay for biospecimens with less than 90% tumor content has not been assessed by us. In our study, microdissection of tumor-containing regions of biopsied material was performed for 76% of biopsies to have ≥90% tumor content in the specimens that were used for RNA extraction for the microRNA-based assay.

The studies on the association of miR-205 with severe inflammation and benign tumor and the lack of a differential expression of this microRNA between normal and tumor tissues, which Dr. Wiwanitkit refers to, concern oral cancer and not cancer of the lung. In case of the latter, a significantly higher expression of miR-205 in lung squamous cell carcinoma tissue compared with normal lung, or lung tissue with adenocarcinoma or benign diseases has been noted by many2–5 and in Figure 1 of our article.1

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REFERENCES

Reply to “Better Prognostic Models May Result in Improved Patient Selection for Adjuvant Therapies After Complete Resection of Solitary Fibrous Tumors of the Pleura”

In Response:
We would like to thank Dr. Tapias and Dr. Lanuti for their comments on our recent article reporting on a multicenter cohort of 68 patients with solitary fibrous tumors of the pleura (SFTP), who were analyzed for the complete course of the disease in a routine practice setting.1 We acknowledge that our recurrence rate of 30%

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