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Recommendation letter

I have known Deepali Jain for more than 10 years and I am delighted to nominate her for prestigious **Sun Pharma Science Foundation Research Awards.**

She is Professor in the Department of Pathology at AIIMS, New Delhi, with special interest in Thoracic and Cytopathology. She has experience of about 20 years in the field of pathology with active participation in clinical research result into over 300 publications in reputed peer reviewed journals. She has authored multiple book chapters and edited two books (Atlas of Thymic Pathology and Atlas of Sinonasal Tract Pathology) with a team of international co-editors and authors. I am well aware of her clinical and research work where she has shown laudable commitment and has been very productive in research output and publications.

Her keen interest in Pulmonary Pathology especially Lung Cancer has already been recognised with many national and international awards and funded research projects. She actively works in various committees of reputed international associations such as IASLC (International Association for Study of Lung Cancer), WHO-IARC, ICCR (International Collaboration on Cancer Reporting) to name a few.

For the last 10 years, she has been working in the field of Lung Cancer and identified uncommon *EGFR* mutations in Indian patients (*Lung Cancer 2020*). Her lab works on streamlining predictive biomarker testing in resource constrained settings using different types of Cytopathology and Liquid biopsy specimens (*Curr Probl Cancer 2021*)**.** Her recent work showed the immunosuppressive milieu of Small-cell lung cancer (*Sci Rep 2023*). She collaborated with international experts in Lung Cancer and Thymic Tumors and published results in reputed journals ***(****J Thorac Oncol 2022****)***. Her expertise in planning and conducting good quality research employing modern technology certainly provides her with ability to make future long term contributions in the field of lung cancer.
During COVID-19 pandemic, she successfully characterized transcriptome in lung-tissues of severe COVID-19 patients **(***Dis Model Mech 2022*).
Her work in Sinonasal cancer led to characterization of enigmatic sinonasal undifferentiated carcinomas into NUT carcinomas, *SMARCB1* and *SMARCA4* deficient carcinomas and recognition of previously unidentified *IDH1/2* mutations in Indian patients (*Am J Surg Pathol 2022*).

Currently, she is working on integrated genomic sequencing to define genetic landscape of Non-small cell and Small-cell lung carcinoma in Indian population along with identification of microbiome/metabolome axis. I give my highest recommendation and wish her all the best for her application.

(Anurag Agrawal)