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Statement of Research Achievements, if any, on which any Award has already been Received by the Applicant. Please also upload brief citations on the research works for which the applicant has already received the awards (Max. 1 MB)

2022: INAE Young Innovator and Entrepreneur Award

We applied an ensemble of feature selection techniques to deduce a 11 tumor educated platelet (TEP) gene panel which detects early onset of cancer with 97% accuracy, using state of the art classification algorithms. The panel has been experimentally validated at AIIMS-Delhi on NSCLC patients (Goswami et al., BMC Genomics 2020). This work resulted in a technology transfer (to CareOnco Biotech Pvt. Ltd.) and recognition through the INAE Young Innovator & Entrepreneur Award in 2022.

2015: INSPIRE Faculty Fellowship

I received the INSPIRE faculty fellowship to work on developing fast and accurate algorithms for single cell expression data analysis. This was not in recognition of any specific work.



Sincerely,

Debarka Sengupta



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