



Abhinav Kaushik

Postdoctoral Research Fellow, Sean N Parker Center for Allergy & Asthma Research

 NIH Biosketch available Online

CONTACT INFORMATION

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Bio

BIO

Abhinav Kaushik, PhD

Post-Doctoral Scholar

My current position at Stanford involves single cell Mass cytometry (CyTOF), gene expression and DNA methylation data analysis, as well as integrative analysis of single-cell datasets. I am working with a team to standardize the CyTOF data analysis pipeline using different statistical modeling approaches (linear or non-linear, Bayesian inference).

I have a strong experience in analyzing RNAseq, DNaseq and ChIP-seq data analysis. I am a programmer who loves to code with R, C# and perl. My keen interest includes application development for analyzing scientific data using different statistical approaches. However, my work is not restricted to one particular domain and sometimes includes in silico data analysis and algorithm development for solving both genomics and structural biology problems.

I have joined the Nadeau Laboratory at the Sean N. Parker Center for Allergy and Asthma Research at Stanford in July 2018. I received my PhD in Bioinformatics from the International Centre for Genetic Engineering and Biotechnology, India in 2017. Before joining the Nadeau Laboratory, I worked as a Visiting Researcher in the Pathogen Genomics laboratory at Kings Abdullah University of Science and Technology (KAUST), Saudi Arabia.

STANFORD ADVISORS

- Kari Nadeau, Postdoctoral Research Mentor