










AMEEK BHALLA

EXPERIENCE

| | | |
|----------------------|---|--|
| Present 2015 | <ul style="list-style-type: none">● Doctoral Researcher Institute of Genomics & Integrative Biology<ul style="list-style-type: none">• Analysis of high-dimensional data• Functional genomics |  New Delhi, India |
| Present 2020 | <ul style="list-style-type: none">● Content Editor Cureus Inc.<ul style="list-style-type: none">• Editorial review of medical articles |  Palo Alto (remote) |
| 2020 2017 | <ul style="list-style-type: none">● Editor Cactus Communications Pvt. Ltd.<ul style="list-style-type: none">• Academic editing for life-science journals |  Mumbai (remote) |
| 2015 2012 | <ul style="list-style-type: none">● Graduate Research Assistant Institute of Genomics & Integrative Biology<ul style="list-style-type: none">• Statistical inference for large-scale assays• Modeling diabetes in <i>Drosophila</i> |  New Delhi, India |
| 2012 2007 | <ul style="list-style-type: none">● Graduate Research Assistant Indian Institute of Science<ul style="list-style-type: none">• Expression of human genes in <i>Drosophila</i>• Modeling Alzheimer's disease in <i>Drosophila</i> |  Bangalore, India |



EDUCATION

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| Present 2015 | <ul style="list-style-type: none">● Institute of Genomics & Integrative Biology PhD candidate, Genomics |  New Delhi, India |
| 2013 | <ul style="list-style-type: none">● Punjab Technical University MSc, Biotechnology |  New Delhi, India |
| 2007 | <ul style="list-style-type: none">● University of Delhi PG diploma, Biochemical Technology |  New Delhi, India |
| 2006 2003 | <ul style="list-style-type: none">● University of Delhi BSc (honors), Biomedical Sciences |  New Delhi, India |

PEER-REVIEWED PUBLICATIONS

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|------|---|
| 2020 | <ul style="list-style-type: none">● Paternal inheritance of diet induced metabolic traits correlates with germline regulation of diet induced coding gene expression Teltumbade M, Bhalla A, Sharma A. Genomics, 112(1):567-573. |
| 2019 | <ul style="list-style-type: none">● Transgenerational inheritance of cold temperature response in <i>Drosophila</i> Karunakar P, Bhalla A, Sharma A. FEBS Letters, 593(6):594-600. |

CONTACT

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DATA SCIENCE SKILLS

Languages
R, Markdown, Bash
Regression
GLMM
Decision trees
random forest, bagging
Resampling
cross validation, bootstrapping
Clustering
k-means, hierarchical
Dimensionality reduction
PCA, MDS

LAB RESEARCH SKILLS

Experimental design
fractional factorials, pseudoreplication, hypothesis tests
Genomics
microarray, RNAi
Molecular biology
cloning, qPCR, western blotting
Drosophila genetics
GAL4-UAS system, genetic crossing

Written in  language at
github.com/ameekbhalla/cv
2020-07-15.