

# ASHOK R. DINASARAPU

*Scientist, Bioinformatics, Human Genetics*

## CONTACT DETAILS

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## DESCRIPTION

Bioinformatics Scientist at Emory University. Current research is focused on genomics and computing, with emphasis on the contributions of rare variants to common and complex traits.

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## EDUCATION

Ph.D Biochemistry/Bioinformatics  
University of Hyderabad, India 2017

M.Tech Biotechnology  
Anna University, Chennai, India 2012

## RESEARCH EXPERIENCE

- **Emory University - Department of Human Genetics**, studying the role of rare genetic variants in complex human diseases.
- **Emory Vaccine Center**, worked in Human Immunology Project Consortium with emphasis in understanding the effects of adjuvanted seasonal flu vaccination in healthy as well as in HIV-infected individuals.
- **University of Florida**, applied systems biology approaches to study the effects of recreational marijuana and/or tobacco use in HIV-infected young adults.
- **University of California San Diego**, worked for LIPID MAPS and Signaling Gateway consortium projects.

## TEACHING EXPERIENCE

**Emory University, 2018**

**IBS 574 - Computational Biology & Bioinformatics**

Graduate Division of Biological and Biomedical Sciences (GDBBS), WHSC Library Classroom B65

- Linux shell & shell scripting - I  
Linux shell & shell scripting - II
- Gene expression – RNA-seq analysis: QC, Mapping, Normalization, Differential Expression

**Emory University, 2017**

**IBS 574 - Computational Biology & Bioinformatics**

Graduate Division of Biological and Biomedical Sciences (GDBBS), Emory University, P45 Grace Crum Rollins Building

- Linux shell & shell scripting - I
- Linux shell & shell scripting - II