

Curriculum Vitae

A Vipin Menon

PhD Candidate

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Education

- 2007.09~2011.08, B. Tech Bioinformatics, Dr. DY Patil Institute of Biotechnology and Bioinformatics.
- 2011.09~2013.08, M. Tech Bioinformatics, School of Bio-engineering, SRM
- 2014.09~, MS-PhD Graduate program in Computational Biology, Hanyang University

Research Projects

- 2014.02~2014.07, Junior Research Fellow, IIT-Indore, Implementing Random Matrix theory on Networks based on breast cancer genes.
- 2013.02~2013.07, Visiting Researcher, Harvard-MIT health Science (HMST) – Brigham Women’s Hospital (BWH), Studying the influence of gene signature on breast and ovarian cancer using computational methods.
- 2012.09~2012.12, Research Fellow, SRM-ICMR, Computational analysis of structure of Mycobacterium Tuberculosis and development of database of ribosomal components found in Mycobacterium Tuberculosis.
- 2011.01~2011.07, Research Fellow, IGIB, Topology prediction and network generation between orthologs genes in zebrafish.

Honors & Awards

- 2014.09, Recipient of Hanyang University Scholarship for foreign students.
- 2016.11, KMRB conference, Poster award “Efficient guide RNA design for Class II CRISPR system”
- 2017.11, GIW conference, Poster award, “Comprehensive Guide RNA design for CRISPR system”.
- 2019.11, ICGSK conference, Best Research Presentation Award, “CGD: Comprehensive Guide Designer for CRISPR-Cas System”

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- 저작권등록번호 : C-2016-024385, 프로그램의 제호 : CINDEL (신델)

Publications

- Aparna Rai, **A. Vipin Menon**, Sarika Jalan. Randomness and preserved patterns in cancer network. Scientific Reports **4**, Article number: 6368 (2014).
- Hui kwon kim ,Myungjae Song ,Jinu Lee,**A Vipin Menon**,Soobin Jing,Young-Mook kang,Jae Woo Choi ,Euijeon Woo,Hyun Chul koh ,Jin-Wu Nam and Hyongbum Kim. In vivo high -throughput profiling of CRISPRi-Cpf1 activity. Nature Methods **14**, 153-159 (2017)
- **A Vipin Menon**, Jang-il Sohn, and Jin-Wu Nam. CGD: Comprehensive Guide Designer for CRISPR-Cas Systems. CSBJ (submitted)