

MIDHUN K MADHU

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midhunkidangoor@gmail.com

Date of Birth : 14/04/1994
Marital Status : Single
Nationality : Indian
Address : Kureekattil, Kidangoor South
Kottayam, Kerala 686 583

Skills

Programming: Python, C, Perl, R

Computer Softwares: Microsoft Office, Amber MD simulation, Pymol, Visual Molecular Dynamics

Languages: English, Malayalam, Hindi

Education

From DECEMBER 2016-

IISER Bhopal, Madhya Pradesh - *Ph.D Student*

Research Area: Allosteric Regulation in G-Protein Coupled Receptors

AUGUST 2011 - MAY 2016

IISER Bhopal, Madhya Pradesh - *Five year BS-MS Dual Degree*

Major Subject: Biology

Minor Subject: Mathematics

Percentage Mark: 86.10

JUNE 2009 - MARCH 2011

Holy Cross H S S Cherpunkal, Kerala - *10+2*

Major Subject: Science

Percentage Mark: 95

Research Publications

Gupta, Ankit, Ahmad Ahmad, Dipesh Chothwe, **Midhun K. Madhu**, Shireesh Srivastava, and Vineet K. Sharma. "Genome-scale metabolic reconstruction and metabolic versatility of an obligate methanotroph *Methylococcus capsulatus* str. Bath." *PeerJ* 7 (2019): e6685..

Gupta, Sudheer, **Midhun K. Madhu**, Ashok K. Sharma, and Vineet K. Sharma. "ProInflam: a webserver for the prediction of proinflammatory antigenicity of peptides and proteins." *Journal of translational medicine* 14, no. 1 (2016): 178.

Gupta, Sudheer, Ashok K. Sharma, Vibhuti Shastri, **Midhun K. Madhu**, and Vineet K. Sharma. "Prediction of anti-inflammatory proteins/peptides: an insilico approach." *Journal of translational medicine* 15, no. 1 (2017): 7.

Gupta, Sudheer, Parul Mittal, **Midhun K. Madhu**, and Vineet K. Sharma. "IL17eScan: a tool for the identification of peptides inducing IL-17 response." *Frontiers in immunology* 8 (2017): 1430.

Achievements

Qualified for UGC-CSIR NET Junior Research Fellowship

3rd Prize In National Level Essay Writing Competition, on the topic 'Healthcare' held by IMPRINT INDIA, MHRD

1st Prize in Essay Writing Competition on the topic 'Constitutional guarantees and various provisions available in government schemes for the benefit of PwDs.' held in IISER Bhopal on the occasion of Accessible India Campaign

Referees

1. Dr. Rajesh K. Murarka
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Department of Chemistry
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2. Dr. Vineet K Sharma
Associate Professor
Department of Biology
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