



हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय
CENTRAL UNIVERSITY OF HIMACHAL PRADESH
Established under the Central Universities Act 2009 (No. 25 of 2009)

Dated: 02/Nov/2021

File No.: CBB/1-1/PG/CUHP/20/

CIRCULAR

For the supervision of the students of the MSc Bionformatics, 4th Semster in the Centre for Computational Biology and Bioinformatics, School of Life Sciences, course code 599, Course Name M.Sc. Dissertation the following are the allotted supervisors:

S.No.	Name	Registration No.	Supervisor
1	MAHIMA BHANDARI	CUHP20CBB09	Dr. Mahesh Kulharia
2	NITIKA SHARMA	CUHP20CBB11	Dr. Vikram Singh
3	POOJA THAKUR	CUHP20CBB12	Dr. Mahesh Kulharia
4	SMARITI BHARDWAJ	CUHP20CBB23	Dr. Vikram Singh
5	TAMMANA THAKUR	CUHP20CBB24	Dr. Mahesh Kulharia
6	RAGINI GAUTAM	CUHP20CBB15	Dr. Vikram Singh
7	RAJNI KUMARI	CUHP20CBB14	Dr. Mahesh Kulharia
8	RITIKA	CUHP20CBB17	Dr. Vikram Singh
9	RIYA SOOD	CUHP20CBB18	Dr. Mahesh Kulharia
10	SAMIKSHA SHARMA	CUHP20CBB19	Dr. Vikram Singh
11	SAMRIDHI VERMA	CUHP20CBB20	Dr. Mahesh Kulharia
12	SHAKSHI DHIMAN	CUHP20CBB21	Dr. Mahesh Kulharia
13	ADITI PATHANIA	CUHP20CBB02	Dr. Mahesh Kulharia
14	AMIT	CUHP20CBB03	Dr. Vikram Singh
15	ANKITA SUBHADARSINI DAS	CUHP20CBB05	Dr. Mahesh Kulharia
16	DIKSHA MISHRA	CUHP20CBB06	Dr. Vikram Singh
17	DIKSHA SHARMA	CUHP20CBB07	Dr. Vikram Singh


Director
Centre for Computational Biology and Bioinformatics

CC:

1. All concerned Faculty Members
2. Dean School of Life Sciences, CUHP

“Statistical Analysis of mRNA Vaccines to Study its Parameters”

A Dissertation

Submitted to the Central University of Himachal Pradesh for the Fulfillment
of the Degree of

Masters of Science in Bioinformatics

In the School of Life Sciences

In the Department of Computational Biology and Bioinformatics



**Under the Supervision of
Dr. Mahesh Kulharia**

By

Shakshi Dhiman

June, 2022

**“Understanding the influence of chemical compounds on
PCOS associated cancers”**

A Dissertation

Submitted to the Central University of Himachal Pradesh for the Complete
Fulfillment of the Degree of

Masters of Science in Bioinformatics

In the School of Life Sciences

at the Department of Center for Computational Biology and Bioinformatics



**Under the Supervision of
Dr. Mahesh Kulharia**

By

Riya Sood

June 2022

“DISRUPTING THE ADENOVIRUS DNA PACKAGING WITH MEANS TO PREVENT RESPIRATORY DISEASES”

A Dissertation

Submitted to the Central University of Himachal Pradesh for the Complete
Fulfillment of the Degree of

Masters of Science in Bioinformatics

In the School of Life Sciences

In the Department of Center for Computational Biology and Bioinformatics



Under the Supervision of

Dr. Mahesh Kulharia

By

SAMRIDHI VERMA

June 2022

**COMMERCIAL AVAILABLE CONSUMER
PRODUCT CHEMICAL AND THEIR EFFECT ON
CANCER PATHOGENES**

A Dissertation

Submitted to the Central University of Himachal Pradesh for the Partial Fulfilment
of the Degree of

MASTERS OF SCIENCE IN BIOINFORMATICS

In the School of Life Sciences

In the Department of Computational Biology and Bioinformatics



**Under the Supervision of
Dr. MAHESH KUHALLIA**

By

ADITI PATHANIA

June, 2022

CENTRAL UNIVERSITY OF HIMACHAL PRADESH

“COMPLETING THE PICTURE OF EVOLUTION”

A Dissertation

Submitted to the Central University of Himachal Pradesh for the Complete
Fulfillment of the Degree of

Masters of Science in Bioinformatics

In the School of Life Sciences

Department of Center for Computational Biology and Bioinformatics



Under the Supervision of

Dr. Mahesh Kulharia

By

Ankita Subhadarsini Das

June 2022

“Analysis of COG proteins in *Glycine max*”

A Dissertation

Submitted to the Central University of Himachal Pradesh for the Complete

Fulfillment of the Degree of

Master of Science in Bioinformatics

In the School of Life Sciences

In the Department of Center for Computational Biology and Bioinformatics



Under the Supervision of

Dr. Mahesh Kulharia

By

Pooja Thakur

June, 2022

“Creating Genetic Algorithm Based De novo Peptide Design Tool”

A Dissertation

Submitted to the Central University of Himachal Pradesh for the Partial Fulfillment
of the Degree of

Masters of Science in Bioinformatics

In the School of Life Sciences

In the Department of Center for Computational Biology and Bioinformatics



Under the Supervision of

Dr. Mahesh Kulharia

By

Tammana Thakur

June, 2022

“INTEGRIN DOMAIN MOVEMENT STUDY”

A Dissertation

Submitted to the Central University of Himachal Pradesh for the Complete
Fulfillment of the Degree of

Masters of Science in Bioinformatics

In the School of Life Sciences

In the Department of Center for Computational Biology and Bioinformatics



Under the Supervision of

Dr. Mahesh Kulharia

By

Rajni Kumari

June 2022

Drug-protein target interaction prediction using support vector machine

A Dissertation

Submitted to Central University of Himachal Pradesh for the complete
Fulfillment of the Degree of

Masters of Science in Bioinformatics

In the School of Life Sciences

In the Department of center for computational biology and bioinformatics



Under the Supervision of

Dr. Vikram Singh

By

Nitika Sharma

June, 2022

**“PCOS-NET: A HETEROGENOUS MULTI-LAYERED MOLECULAR
ASSOCIATION NETWORK OF POLYCYSTIC OVARIAN SYNDROME”**

A Dissertation

Submitted to the Central University of Himachal Pradesh for the Partial Fulfillment of the
Degree of

Masters in Bioinformatics

In the School of Life Sciences

In the Department of CBB



Under the Supervision of

Dr. Vikram Singh

By

Samiksha Sharma

June, 2022

CENTRAL UNIVERSITY OF HIMACHAL PRADESH

“Random walk with restart guided studies on epilepsy interactome and its comorbidities”

A Dissertation

Submitted to the Central University of Himachal Pradesh for the Partial
Fulfillment of the Degree of

Masters of Science in Bioinformatics

In the School of Life Sciences

In the Department of Computational Biology and Bioinformatics



Under the Supervision of

Dr. Vikram Singh

By

RITIKA

June , 2022

**"Neuro-DTNet: a drug-target interaction network of
Neurological Diseases and Disorders"**

A Dissertation

Submitted to the Central University of Himachal Pradesh for the Fulfillment of the
Degree of

Masters of Science in Bioinformatics

In the School of Life Sciences

In the Department of Center for Computational Biology and Bioinformatics



Under the Supervision of

Dr. Vikram Singh

By

Ragini Gautam

June, 2022

MicroRNA-small molecule association prediction using support vector machine

A Dissertation

Submitted to the Central University of Himachal Pradesh for the Partial Fulfillment
of the Degree of

Masters of Science in Bioinformatics

In the Department of Computational Biology and Bioinformatics

School of Life Sciences



Under the Supervision of

Dr. Vikram Singh

By

Amit

June, 2022

**PROJECT REPORT
ON
Examining the protein Interactomes of Epilepsy, Pain and Depression
SUBMITTED IN THE PARTIAL FULFILMENT OF THE REQUIREMENT
FOR THE DEGREE OF**

**M.Sc. Bioinformatics (2020-2022)
Centre for Computational Biology and Bioinformatics**



Under the guidance of

**Dr. Vikram Singh
Assistant Professor
Centre for computational Biology and Bioinformatics
School of Life Sciences**

**Submitted By:
Diksha Sharma
M.Sc. CBB 4th Semester
CUHP20CBB07**

Developing a network science and binding affinity assisted methodology to prioritize small molecule - RNA associations

A Dissertation

Submitted to the Central University of Himachal Pradesh for the Partial Fulfillment
of the Degree of

Masters of Science in BIOINFORMATICS

In the School of Life Sciences

In the Department of Computational Biology and Bioinformatics



**Under the Supervision of
Dr. VIKRAM SINGH**

**By
DIKSHA MISHRA**

June, 2022

**“Construction and analysis of a miRNA-gene-TF network for
Alzheimer’s disease and its Comorbidities”**

A Dissertation
Submitted to the Central University of Himachal Pradesh for the Partial Fulfillment
of the Degree of

Masters of Science in Bioinformatics

In the School of Life Sciences
In the Department of Bioinformatics



**Under the Supervision of
Dr. Vikram Singh
By
Smariti Bhardwaj
June, 2022**

**Commercial Available Consumer Product Chemical and Their Effect
On Development Disorder Pathogens OF Wnt and Frizzled protein**

A Dissertation
Submitted to the Central University of Himachal Pradesh for the Partial
Fulfillment of the Degree of
Masters of Science in Bioinformatics
In the School of Life Sciences
In the Department of CBB(Computational Biology and
Bioinformatics)



**Under the Supervision of
ASSOCIATE PROFESSOR Dr.MAHESH KULHARIA**

By

MAHIMA BHANDARI

June, 2022

CENTRAL UNIVERSITY OF HIMACHAL PRADESH