DEPARTMENT OF BIOCHEMISTRY
UNIVERSITY OF DELHI SOUTH CAMPUS

27th December 2022

NOTICE

Seminar schedule – M.Sc. Part II, Semester III (2022)

Seminars (for 60 min and 15 min for discussion) will be held on **29th, 30th and 31st December 2022** from **9.30 A.M. onwards** with 45 min break for lunch.

R.No.	Topic	Student	Tentative time
29th December 2022 (9.30 A.M. onwards)			
21249741001	Toxin antitoxin loci; their role in pathogenesis, persistence and drug resistance in mycobacterium tuberculosis	ANJALI MAURYA	9.30 AM - 10.45 AM
21249741002	Cloning, Expression and Purification of GlpQ2 and Rv2277c, putative glycerol-phosphodiesterase of *M. tuberculosis*	BHUPENDRA MEENA	10.45 AM - 12.00 Noon
21249741003	Ionophores as potent anti-malarials	DEEKSHA	12.00 Noon - 1.15 PM
21249741004	Production and Characterisation of Recombinant Antibodies for Diagnostics and Therapeutics	HITANSHI SHARMA	2.00 PM - 3.15 PM
21249741005	Malaria and its therapy using natural compounds	K RUBINAAJ	3.15 PM - 4.30 PM
21249741006	Identification of novel small molecule inhibitors to develop modified anti-TB chemotherapeutic regimen	KARTIKEY YADAV	4.30 PM - 5.45 PM
30th December 2022 (9.30 A.M. onwards)			
21249741007	Expression, Purification and Assay Development of Rv3842c (GlpQ1), a glycerol-phosphodiesterase of *M. tuberculosis*	PARTHVI MAHENDRU	9.30 AM - 10.45 AM
21249741008	Multiple facets of p53-FoxM1 axis in healthy and cancerous cells	PUSHPINDER KAUR	10.45 AM - 12.00 Noon
21249741009	Induced obesity and characterisation of altered LncRNA expression profile impacting metabolic signals in Drosophila	RAUNAK GUPTA	12.00 Noon - 1.15 PM
21249741010	Phage Display Technology: A versatile tool for discovery of novel therapeutics and diagnostics	SAPNA YADAV	2.00 PM - 3.15 PM
21249741011	Characterization of transcriptome-wide signals in the obesogenic environment in *Drosophila*	SHRISHTI MITRA	3.15 PM - 4.30 PM
21249741012	LncRNAs and obesity in *Drosophila*	T AKANKSHA	4.30 PM - 5.45 PM
31st December 2022 (9.30 A.M. onwards)			
21249741013	Analysis of alerted metabolic signals from Drosophila fed a high-fat diet regime	VINAYAK JOSHI	9.30 AM - 10.45 AM
21249741014	Neutralizing antibodies against SARS-CoV-2: scenario in light of emerging viral variants	YUSRA RIYAZ	10.45 AM - 12.00 Noon
21249741015	HBx manipulates FoxM1 to promote Hepatocellular carcinoma	AASHNA BANSAL	12.00 Noon - 1.15 PM
20249741012	Expression, Purification and Assay Development of Rv3177c, a hypothetical peroxidase of *M. tuberculosis*	SHIVANI SHARMA	2.00 PM - 3.15 PM

Term paper has to be submitted by 2nd January 2023

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The research work embodied in this dissertation entitled, "**Expression, Purification and enzymatic characterization of GlpQ1 (*Rv3842c*) of *Mycobacterium tuberculosis***" was carried out by Parthvi Mahendru, M.Sc. student (2021-2023) at the Department of Biochemistry, University of Delhi South Campus, Benito Juarez Road, New Delhi-110021, India as part of her training for partial fulfilment towards the degree of Master of Science (Biochemistry) of the University of Delhi.

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The research work embodied in this dissertation entitled, **"Expression, purification and enzymatic characterization of GlpQ2 (Rv0317c) and Rv2277c of *Mycobacterium tuberculosis*"** was carried out by Bhupendra Meena, M.Sc. student (2021-2023) at the Department of Biochemistry, University of Delhi South Campus, Benito Juarez Road, New Delhi-110021, India as part of her training for partial fulfilment towards the degree of Master of Science (Biochemistry) of the University of Delhi.

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The research work embodied in this dissertation entitled, "**Identification of small molecule inhibitors to develop modified anti-TB chemotherapeutic regimen**" was carried out by **KARTIKEY YADAV**, M.Sc. student (2021-2023) at the Department of Biochemistry, University of Delhi South Campus, Benito Juarez Road, New Delhi-110021, India as part of her training for partial fulfilment towards the degree of Master of Science (Biochemistry) of the University of Delhi.

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The research work embodied in this dissertation entitled, **"Expression and purification of a putative peroxidase (*Rv3177*) of *Mycobacterium tuberculosis*"** was carried out by Shivani, M.Sc. student (2021-2023) at the Department of Biochemistry, University of Delhi South Campus, Benito Juarez Road, New Delhi-110021, India as part of her training for partial fulfilment towards the degree of Master of Science (Biochemistry) of the University of Delhi.

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Long Non- coding and Obesity in *Drosophila*

M.Sc. Dissertation submitted to the University of Delhi towards the partial fulfilment for the award of the Degree of Master of Science (Biochemistry)
2021-2023

By
T AKANKSHA

Under the supervisor of
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Characterization of transcriptome – wide signals in the obesogenic environment in *Drosophila*

Dissertation submitted for the partial fulfillment of the requirement for the degree of

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2021-2023

Submitted by

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Analysis of alerted metabolic signals in *Drosophila* evolved on an obesogenic diet

Dissertation submitted for the partial fulfillment of the requirement for the degree of

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Submitted by

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Induced obesity and characterization of altered lncRNA expression profile impacting metabolic signals in *Drosophila*

Dissertation submitted for the partial fulfilment of the requirement

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The research work embodied in this dissertation entitled, "**Induced obesity and characterization of altered lncRNA expression profile impacting metabolic signals in *Drosophila*"** was carried out by **Ms. Raunak Gupta, M.Sc. student (2021-2023)** at the Department of Biochemistry, University of Delhi South Campus, Benito Juarez Road, New Delhi-110021, India as part of her training for partial fulfilment towards the degree of Master of Science (Biochemistry) of the University of Delhi.

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WNT Signaling: A Prime Modulator of p53-FoxM1 Axis in Healthy and Cancerous Cells

Dissertation Submitted in Partial Fulfillment of the

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The research work embodied in this dissertation project report entitled "***WNT Signaling: A Prime Modulator of p53-FoxM1 Axis in Healthy and Cancerous Cells***" was carried out by **Ms. Pushpinder Kaur**, M.Sc. student (2020-2022) at the Department of Biochemistry, University of Delhi South Campus, Benito Juarez Road, New Delhi-110021, India, as part of his training towards the partial fulfillment for the degree of Master of Science (Biochemistry) at the University of Delhi.

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HBx Manipulates FOXM1 via Gli1 to Cause Hepatocellular Carcinoma

Dissertation Submitted in Partial Fulfilment of the Requirement for the Degree of

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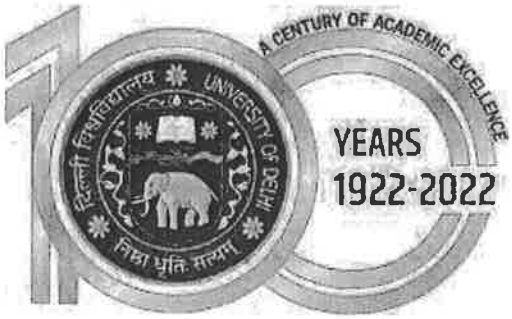

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The research work embodied in this dissertation project report entitled "***HBx manipulates FOXM 1 via Gli1 to cause Hepatocellular carcinoma***" was carried out by **Ms. AASHNA BANSAL**, M.Sc. student (2021-2023) at the Department of Biochemistry, University of Delhi South Campus, Benito Juarez Road, New Delhi-110021, India, as part of his training towards the partial fulfilment for the degree of Master of Science (Biochemistry) at the University of Delhi.

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An investigation on alterations in *Plasmodium falciparum* proteome in response to an ionophore, Maduramicin

Thesis submitted to the University of Delhi in partial fulfilment of the requirements for the Degree of

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IN
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By
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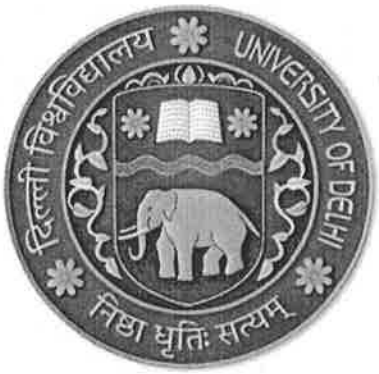

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INVESTIGATION ON THE MODE OF ACTION OF NOVEL ANTIMALARIAL USING PROTEOMICS STUDY OF *P.falciparum*

Dissertation Submitted in Partial Fulfillment
Of the Requirement for the degree of

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The research work embodied in this dissertation entitled, "**Cloning and Phage Display of Receptor Binding Domain (RBD) of SARS CoV-2**" was carried out by **SAPNA YADAV**, M.Sc. student (2021-2023) at the Department of Biochemistry, University of Delhi South Campus, Benito Juarez Road, New Delhi-110021, India as part of her training for partial fulfilment towards the degree of Master of Science (Biochemistry) of the University of Delhi.

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The research work embodied in this dissertation entitled, "**Characterization of anti-RBD antibodies and Cloning and Phage Display of RBD Domain of S-Protein of Sars-CoV-2**" was carried out by **YUSRA RIYAZ**, M.Sc. student (2021-2023) at the Department of Biochemistry, University of Delhi South Campus, Benito Juarez Road, New Delhi-110021, India as part of her training for partial fulfilment towards the degree of Master of Science (Biochemistry) of the University of Delhi.

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