

CORRIGENDUM FOR ADMISSION IN PH.D. IN BIOMEDICAL SCIENCES
ACADEMIC YEAR 2025-26

*** ELIGIBILITY AND ADMISSION CRITERIA**

Master's degree in the appropriate field/subject (Biomedical Sciences / Zoology / Chemistry/Botany/LifeSciences/Biotechnology/Microbiology/Biochemistry/ Genetics/or related disciplines).

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As per the University of Delhi norms

*** MAJOR AREAS OF RESEARCH**

* Effect of phytochemicals on ageing in model organism and to determine its molecular/ genetic mechanism.

* Medicinal chemistry with emphasis on treatment of neurodegenerative disorders esp. Alzheimer's disease and Amyotrophic lateral sclerosis

a) for AD our focus is on the synthesis of multi target directed ligands which inhibit acetylcholinesterase and inhibit abeta peptide aggregation

b) for ALS our focus is on the synthesis of inhibitors of mutant hSOD1 protein aggregation

* Molecular Mechanism/s of Immunopathogenesis in Cerebral hypoxia/ Ischemia, malaria

* Antimicrobial Resistance (AMR): Phage and Endolysin Therapy with a One Health approach.

* Medical Biotechnology(Mycobacterium Tuberculosis Pathogenesis and diagnosis).

* Neurobiology

* Aberrant expression of Deubiquitinating enzymes to attenuate transcriptional and translation regulation, to bring therapeutics insights to treat cancer.

* Integrative Molecular Neurobiology.

* Molecular Biology & Health Informatics (Bioinformatics).

* CML Antenatal Thalassemia Screening and Molecular Profiling with Epidemiological Mapping

* Rapid, Affordable Diagnostics for Leukemia

*** SEAT MATRIX**

PHASE I

UR	OBC(NCL)	SC	ST	EWS	SUPERNUMERARY SEATS	
					PwBD	Foreign Nationals
6	4	2	1	1	0	0

PHASE II

UR	OBC(NCL)	SC	ST	EWS	SUPERNUMERARY SEATS	
					PwBD	Foreign Nationals
3	2	1	0	1	0	0

*** ADDITIONAL INFORMATION:**

Interview process will be conducted by the **ACBR** on the basis of submission of Research Proposal at the time of Registration. Details of the same will be available on the website of ACBR i.e. www.acbrdu.edu

Ph.D. Coordinator



Director

निदेशक / Director
डॉ. बी.आर. अम्बेडकर जैव चिकित्सा अनुसंधान केंद्र
Dr. B.R. Ambedkar Center for Biomedical Research
दिल्ली विश्वविद्यालय / University of Delhi
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24/10/25