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AARZOO KAUSAR

OBJECTIVE To utilize my knowledge and skill, utilize given opportunity effectively for professional growth and to contribute in the best possible way for the betterment of the organization and self.

EDUCATION	Master of Philosophy (M.Phil.):	2005-2007
	School of Life Sciences, Jawaharlal Nehru University, New Delhi F.G.P.A – 6.41	
	M.Sc. (Biochemistry)	2002-2004
	Dr. R.M.L Avadh University, Faizabad 67.73% (1 st position)	
	B.Sc. (Botany, Zoology and Chemistry)	1999-2002
	Jhunjhunwala Degree College, Faizabad 75.2% (1 st division)	
	Intermediate from U.P. Board	1998-1999
	Canossa Convent Girls Inter College, Faizabad 79% (1 st division)	
	High School from U.P. Board	1996-1997
	Canossa Convent Girls Inter College, Faizabad 83.16% (1 st division)	

INTERNSHIP I have completed internship in the area of Intellectual Property Rights (mainly patents) and their management at CSIR-Indian Institute of Toxicology Research, Lucknow, U.P. under **Women Scientist Scheme-C, WISE KIRAN IPR** (2021-2022). The scheme is implemented by the Patent Facilitating Centre (PFC) of Technology Information Forecasting & Assessment Council (TIFAC).

**RESEARCH
PROJECT**

Title of M.Phil. research project: Molecular cloning and characterization of Ribonuclease III of *Candida albicans*.

Supervisor –Dr. Supriya Chakraborty (Professor- SLS, JNU)

Double stranded specific Ribonuclease activities have been described from a variety of prokaryotic and eukaryotic sources, but few have been described in detail. The best candidate for eukaryotic RNase III homologs are the Rnt1 from *S.cerevisiae* and the Pac1 RNase from *S.pombe*, RNase III from *C. albicans* could be another candidate for eukaryotic homolog.

Keeping in view the above information available and knowledge gap, study on “Molecular cloning and characterization of RNase III of *C.albicans*” was carried out. The cloning and characterization of RNase III gene from *C.albicans* is an important step towards understanding the significance of the protein in *C.albicans*.

SKILLS

- Patent Databases: InPASS, Espacenet, WIPO and Google Patents
- Patent Analysis: Prior art search, Claim drafting, FER response
- Biochemistry
- Molecular Biology

ACHIEVEMENTS

- Qualified **CSIR-UGC National Eligibility Test** (June, 2004) for Junior Research Fellowship.
- Qualified **Women Scientist scheme-C (WISE KIRAN IPR)**, 12th Batch (2021-2022)

**PERSONAL
DETAILS**

Date of Birth: 1st January, 1983

Sex: Female

Marital status: Single