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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% (1st position)

B.Sc. (Botany, Zoology and Chemistry) 1999-2002
Jhunjhunwala Degree College, Faizabad
75.2% (1st division)

Intermediate from U.P. Board 1998-1999
Canossa Convent Girls Inter College, Faizabad
79% (1st division)

High School from U.P. Board 1996-1997
Canossa Convent Girls Inter College, Faizabad
83.16% (1st 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

Sex: Female

Marital status: Single