
CURRICULUM VITAE

Broad area of Ph.D: Molecular oncology

Date of Birth: 13th July 1992

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RESEARCH EXPERIENCE

- Ph.D. thesis entitled “**Molecular and genetic characterization of gastrointestinal stromal tumour correlating with tumor outcome**” under the supervision of Prof. Kim Vaiphei.
- Conversant in data analysis (**RT-PCR, Sanger Sequencing and NGS data**).
- Molecular Biology Techniques known with Hands-on experience, including, **agarose gel electrophoresis, PCR, qPCR, RT-PCR, DDPCR, ELIZA, Northern blotting, Western blotting, Sanger sequencing, Next-generation sequencing etc.**
- Expert in **protein and genomic DNA and RNA** extraction from Formalin Fixed Paraffin Embedded Tissue (FFPE), fresh tissue and blood.
- Basic biochemical handling in **IHC, Microtome, Tissue microarray (TMA), microscopy, bioanalyzer** etc.
- Basic animal handling including, **mice anesthetization, stereotactic delivery, Morris water maze, Rota Rod, intraperitoneal injection, sub-retinal delivery** etc.
- Conversant in manuscript and grant writing and data presentation.
- Conversant in working in GLP norms.
- Trained in sanitation and waste management, first-aid, fire training, conducting conferences and workshops.
- Trained in Journal clubs and seminar presentation

PUBLICATIONS

- **Abdul Ghani**¹, Rakesh Kapoor², Divya Khosla³, Kim Vaiphei^{1*} Molecular characterization of gastrointestinal stromal tumor to understand tumor heterogeneity in North Indian population. (*In communication, International Journal of clinical oncology*).
- **Abdul Ghani**¹, Harvinder Singh², Hemanth Kumar³, Kim Vaiphei^{1*} MicroRNA expression signature in gastrointestinal stromal tumor and their molecular and histological features. *Indian Journal of Medical Research*. 2024 Jul;160(1):118-127.
- Sharma A, **Ghani A**, Sak K, Tuli HS, Sharma AK, Setzer WN, Sharma S, Das AK. Probing into therapeutic anti-cancer potential of apigenin: recent trends and future directions. Recent patents on inflammation & allergy drug discovery. 2019 Oct 1;13(2):124-33.
- Kumar S, Kumar S, Karim A, Bisht K, **Ghani A**, Munda VS. Outbreak of respiratory infection: Ncov-2019 current status and its impact on global health. *Current Respiratory Medicine Reviews*. 2020 Sep 1;16(3):156-64.
- Kaushal S, Kaur G, **Ghani A**, Kaur N, Bali P, Anand A. IAN 2017 conference in Odisha. *Annals of Neurosciences*. 2018 Dec;25(4):247.

- Anand A, **Ghani A**, Sharma K, Kaur G, Khosla R, Devi C, Podder V, Sivapuram MS, Maity K, Kaur H. War-related mental health issues and need for yoga intervention studies: A scoping review. International Journal of Yoga. 2021 Sep;14(3):175.
- Bali P, Kaur N, Tiwari A, Bammidi S, Podder V, Devi C, Kumar S, Sivapuram MS, **Ghani A**, Modgil S, Malik N. Effectiveness of yoga as the public health intervention module in the management of diabetes and diabetes associated dementia in South East Asia: A narrative review. Neuroepidemiology. 2020;54(4):287-303.
- Akshay Ananda, Avijit Banik, Gillipsie Minhas, Sridhar Bammidi, Keshav Thakur , Kaushal Sharma^a, Rahul Tyagi , Shweta Modgila, Parul Balia, Natasha Sayal , Paramvir Kaur, Deepak Kumar Pal , Atul Kumar Goyal, Vinod Bhatt , Navneet Kaura, Saurabh Kumar, Jyoti Saini, Sushant Kaushal, Abha Tiwari, **Abdul Ghani**, Gurkeerat Kaur, Chandra Devi, Priya Battu, Radhika Khosla, Kanupriya Sharma, Madhava Sai Sivapuram, Vivek Podder, Amarjeet Singh, Priya Mehra. Creating a role model for “Academicians” Social Responsibility (ASR) synergizing with Swachh Bharat Abhiyaan: a campus hygiene initiative by PGIMER, Chandigarh. Annals of Neurosciences. 2019 Apr;26(2):75-81.

ACADEMIC QUALIFICATION

- Ph.D. from Post Graduate Institute of Medical Education and Research, Chandigarh, India
- M.Sc. with Zoology, Panjab University, Chandigarh, India.
- B.Sc. with Medical Subject, University of Jammu, India.
- Senior Secondary in Biology discipline, Govt. Higher Secondary School, Lassana, J & K, India.
- Secondary Education, Govt. Higher Secondary School, Lassana, J & K, India.

NATIONAL EXAM

Qualify **CSIR-UGC-JRF** (December, 2016)

EXPERIENCE

- Worked as Lecturer in the Department of Zoology at Govt. Degree College Surankote.
- Currently working as a Lecturer in the Department of Zoology at Govt. Degree College for Women Kathua.

ADDITIONAL INFORMATION

CONFERENCE ATTENDED

- Oral presentation at Asian Pacific Digestive Week (APDW 2019) Kolkata (West Bengal)
- Poster Presentation in World Cancer Congress 2020, Jaipur (Rajasthan).
- Poster Presentation in XXXV Annual meet of Indian Academy of Neuroscience and International Conference on ‘Translational Neuroscience and its Application in Protection of Mental Health’ in Bhubaneswar university, Orissa (Cuttak).
- National conference on Microbial Biotechnology with the core theme “Creating impact through biotech product” in Panjab University (Chandigarh).

SYMPOSIUM AND WORKSHOPS

- Art of Imperfect Brain Health, in Bhubaneswar University, Orissa (Cuttak).
- E-Skill Empowerment of Faculty, Panjab University, Chandigarh.
- Development of laboratory maintenance skill for the lab staff, Panjab University, Chandigarh.
- Research Methodology and Research Project development, Panjab University, Chandigarh.
- Ethics Committee training Program on GCP, Panjab University, Chandigarh.
- Training on Next Generation Sequencing, PGIMER

PROPOSAL & GRANT WRITING

- “Molecular characterization of Gastrointestinal Stromal Tumor to understand the tumor heterogeneity” sanctioned by PGIMER, Chandigarh.

APPRECIATION

- For 3rd Free Mega Health Check Up Camp.
- For donating blood/Organizing a Voluntary Blood Donation Camp.

SOCIAL OUTREACH

- Active member of blood donation camp.
- Active participation in Swachh Bharat campaign.

PERSONNEL HOBBY

- Active member in Badminton team, PGIMER.

PERSONAL INFORMATION:

Mother's Name: Munira Bi
Father's Name: Manzoor Hussain
Blood Group: O
Religion: Muslim
Language(s): Hindi, English, Urdu
Residence of: Phagla
Tehsil: Surankote
Post office: Lassana
District: Poonch
State: Jammu and Kashmir
Nationality: Indian
Pin-code: 185121
Mobile No. 7696271073
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DECLARATION

I solemnly declare that all the above information is correct to the best of my knowledge and belief