

1. **Name and Address:** Arsheed Ahmad Ganaie, Ph.D.
Kadlabal Pampore, Kashmir (J&K)
Nationality: Indian
2. **Email:** Arsheed.ganaie@gmail.com **Ph. No:** +91-8491070304
3. **Position and affiliation:** Scientist D/Ramalingaswami fellow
Watson-Crick center for Molecular Medicine,
Islamic University of Science and Technology (IUST), Awantipora Kashmir
(Govt University)
4. **Sex:** Male
5. **Category:** General
6. **Weather differently abled:** No
7. Academic Qualification (Undergraduate Onwards)

	Degree	Year	Subject	University / Institution
1	B.Sc. Biochemistry	2003-2006	Biochemistry, Zoology, Chemistry, English	University of Kashmir, Srinagar, India
2	M.Sc. Biotechnology	2006-2008	Biotechnology	University of Kashmir, Srinagar, India
3	Certificate Course in programming and Coding Boot Camp	2017-2018	Linux, R, Python, Cloud Computing, Parallel Computing.	Minnesota Supercomputing Institute, University of Minnesota, USA

8. Ph.D. thesis title, Guide's Name, Institute/Organization/University, Year of Award.

Thesis Title	Supervisor	Institute/ University	Branch
Role of Erp and Eis proteins of Mycobacterium Tuberculosis in the pathogenesis of Tuberculosis.	Dr. Charu Sharma (CSIR-IMTECH Chandigarh)	Institute of Microbial Technology (IMTECH) Chandigarh/ Jawaharlal Nehru University (JNU), New Delhi	Life Science, 2014

9. A Work experience (Research)

	Positions held	Name of the institute	From	To	Pay Scale
1	Scientist D/ Ramalingaswami Fellow	Watson-Crick Center for Molecular Medicine,	August-2020	Current	Pay matrix level 12 (Rs.78,800 - Rs.2,09,200)

		Islamic University of Science & Technology.			
2	Assistant Professor	Masonic Cancer center, University of Minnesota	August 2018	May 2020	\$90000/Annual
3	Research Assistant Professor	Masonic Cancer center, University of Minnesota	June 2017	July 2018	\$75000/Annual
4	Postdoctoral Fellow	Masonic Cancer center, University of Minnesota	Jan-2015	May 2017	\$45000/Annual
5	Junior Research Fellowship	CSIR IMTECH Chandigarh	August 2010	July 2014	17000/PM
6	Senior Research Fellowship	CSIR IMTECH Chandigarh	August 2008	July 2010	15000/PM
7	M.Sc. Dissertation	CSIR-IIIM Jammu	Sept. 2007	May 2008	1000/PM

Research Training: Total research experience 12 years

9. B Work experience (Teaching)

	Positions held	Name of the institute	From	To	Pay Scale
1	Lecturer	Dept Of Biophysics Punjab University, Chandigarh Punjab.	Jan-2014	Dec-2014	45000/PM
2	Assistant professor	Islamic University of Science and technology	August 2020	Present	Pay matrix level 12 (Rs.78,800 - Rs.2,09,200)

10. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant.

	Name of Award	Awarding Agency	Year
1	Multicentric taskforce project title "ICMR Network of Pulmonary Fibrosis" (INPF)	Indian Council of Medical science ICMR	2022-2025
2	Core Research Grant (CRG)	Department of Science and Technology (DST-SERB)	2022-2025
3	Ramalingswami Fellow	Dept of Biotechnology, Govt. of India	2020
4	Young Scientist Award	Society for Basic Urological Research	2018
5	Young Scientist Award	American Association for Indian cancer Research (AAICR)	2017
6	Masonic Cancer Postdoctoral Fellowship	University of Minnesota	2016

7	Travel Award	Masonic Cancer Centre MCC	2019
8	Translational working group (TWG) grant	University of Minnesota, USA	2018-2019
9	Senior Research Fellowship (JRF)	Council for scientific and Industrial research (CSIR), INDIA	2010
10	Junior Research Fellowship (JRF)/ National Eligibility Test (NET)	Council for scientific and Industrial research (CSIR), INDIA	2008
11	Junior Research Fellowship (JRF)/ National Eligibility Test (NET)	Council for scientific and Industrial research (CSIR), INDIA	2009 Declined
12	Junior Research Fellowship (DBT-JRF)	Department of Biotechnology, Ministry of Science & Technology, Government of India	2008 Declined
13	Junior Research Fellowship (ICMR-JRF)	Indian Council of Medical Research (ICMR), INDIA	2008 Declined
14	Received DBT-MSc. Scholarship for two years	Department of Biotechnology, Ministry of Science & Technology, Government of India	2006-2008
15	Qualified all India common entrance (CEEBS) test for M.Sc. Biotechnology conducted by Jawahar Lal Nehru University	Jawahar Lal Nehru University/ Department of Biotechnology	2006 Declined
16	Qualified MSc. Biotechnology common entrance conducted by Kashmir University and was awarded DBT-MSc. Scholarship by Department of Biotechnology Govt. of India	Department of Biotechnology, Ministry of Science & Technology, Government of India	2006-2008
17	Qualified common entrance test for M.Sc. Zoology	Kashmir University	2006 Declined
18	Qualified common entrance test for M.Sc. Biochemistry	Kashmir University	2006 Declined
19	Qualified common entrance test for M.Sc. Clinical-Biochemistry	Kashmir University	2006 Declined
20	Qualified common entrance test for M.Sc. Chemistry	Kashmir University	2006 Declined

11. Selected Publications (List of papers published in SCI Journals, in year wise descending order).

	Authors	Title	Name of Journal	Volume	Page	Year
1	Arsheed A. Ganaie, AdrianP. Mansini, Tabish Hussain, Arpit Rao, HifzurR. Siddique, Ashraf Shabaneh,	Anti-S100A4 Antibody Therapy Is Efficient in Treating Aggressive Prostate Cancer and Reversing Immunosuppression: Serum and Biopsy S100A4 as a Clinical Predictor	Molecular Cancer Therapeutics	19	2598-2611	2020

	Marina G. Ferrari, Paari Murugan, Jörg Klingelhöfer, Jinhua Wang, Noona Ambartsumian, Christopher A. Warlick, Badrinath R. Konety and Mohammad Saleem					
2	Arsheed A. Ganaie Hifzur R. Siddique Ishfaq A. Sheikh Aijaz Parray Lei Wang Jayanth Panyam Peter W. Villalta Yibin Deng Badrinath R. Konety Mohammad Saleem	A novel terpenoid class for prevention and treatment of KRAS-driven cancers: Comprehensive analysis using in situ, in vitro, and in vivo model systems	Molecular Carcinogenesis	59	886-896	2020
3	Marina G. Ferrari, Ashraf Shabenah, Adrian P. Mansini, Li Wang, Paari Murugan Elai Davicioni Jinhua Wang Yibin Deng MD,	Identifying and treating ROBO1 ^{-ve} /DOCK1 ^{+ve} prostate cancer: An aggressive cancer subtype prevalent in African American patients	The Prostate	80	1045-1057	2020
4	Syed Umbreen, Mudassir Meraj Banday, Anmbreen Jamroze, Adrian P. Mansini, Arsheed A. Ganaie , Marina G. Ferrari, Raihana Maqbool, Firdous H. Beigh, Paari Murugan, Colm Morrissey, Eva Corey, Badrinath R. Konety and Mohammad Saleem	COMMD3:BMI1 Fusion and COMMD3 Protein Regulate C-MYC Transcription: Novel Therapeutic Target for Metastatic Prostate Cancer	Molecular Cancer	18	2111-23	2018
5	Shashi Anand, Arsheed Ahmad Ganaie , Charu Sharma	Differential thermal stability, conformational stability and unfolding behavior of Eis proteins from Mycobacterium smegmatis and Mycobacterium tuberculosis	PlosOne		1-25	2019

6	Arsheed A.Ganaie AijazParray TabishHussain AshrafShabaneh AnmbreenJamroze MarinaG.Ferrari LeiWang JoshuaLiao ShahriarKoochekpour SanjeevNanda JinhuaWang§ ibinDeng Sergio AGradilone Edward H.Hinchcliffe Badrinath R.Konety Mohammad Saleem*	Characterization of Novel Murine and Human PDAC Cell Models: Identifying the Role of Intestine Specific Homeobox Gene ISX in Hypoxia and Disease Progression1	Translational Oncology	12	1056-1071	2019
7	Arsheed A. Ganaie, Firdous H. Beigh, Matteo Astone, Marina G. Ferrari, Raihana Maqbool, Syed Umbreen, Aijaz S. Parray, Hifzur R. Siddique, Tabish Hussain, Paari Murugan, Colm Morrissey, Shahriar Koochekpour, Yibin Deng, Badrinath R. Konety, Luke H. Hoepfner and Mohammad Saleem	BMI1 Drives Metastasis of Prostate Cancer in Caucasian and African American Men and Is A Potential Therapeutic Target: Hypothesis Tested in Race-specific Models	Clinical Cancer Research	24	6421-6431	2018
8	Arsheed A. Ganaie, Ravi K. Lella, Rahul Solanki, Charu Sharma	Thermostable Hexameric Form of Eis (Rv2416c) Protein of M. tuberculosis Plays an Important Role for Enhanced Intracellular Survival within Macrophages	PlosOne	6	1-10	2011
9	Arsheed Ahmad Ganaie, Garima Trivedi, Amanpreet Kaur, Sidharth Shankar Jha, Shashi Anand, Vibhuti Rana, Amit Singh, Shekhar Kumar, Charu Sharma	Interaction of Erp Protein of Mycobacterium tuberculosis with Rv2212 Enhances Intracellular Survival of Mycobacterium smegmatis	Journal of Bacteriology	198	2841-2852	2016

10	Ganaie Arsheed Ahmad , Maqbool R, Beigh FA, Umbreen S, Dulyaninova N G, Konety B R and Mohammad Saleem	Developing novel inhibitors of S100A4 for neuroendocrine (NE) and metastatic prostate cancer: systematic testing using relevant models and drug development techniques	Cancer Research			2022
11	Ganaie Arsheed Ahmad , Hussain T, Ferrari M, et al., ... Mohammad Saleem.	2019) Identifying novel genetic mechanism underlying ADT resistance in African American patients.	Clinical Cancer research			2022

	Patent title	Name of Applicant	Patent No	Award date	Agency/ Country	Status
1	Targeting Neuroendocrine Prostate Cancer with small molecule inhibitors”	Ganaie Arsheed , Mohammad Saleem	Patent File 0110.000654 US60	August-2020	USA	Provisional Patent

Member in University Committees

Member in Institutional Ethics committee, IUST

Member secretary in Institutional animal institutional ethics committee (IAEC)

Memberships in Scientific Societies

2016 -present Member, American Association for Cancer Research (AACR)

2016-present Member, Society of Basic Urologic Research (SBUR)

2017-present Member, American Urology Association (AUA)

2016-present Member of Translational Working Group of Urology, University of Minnesota

Scientific Reviewer of Scientific Journals

Review Editor Cancer Genetics Frontiers

PLOS-ONE

Clinical Cancer Research

Molecular Cancer Research

Cancer Letters

Research support

Completed

1: Principal Investigator: Ganaie, Arsheed A

[Grant Type: Translational working group \(TWG\) seed grant](#)

Date (start -End): 04/01/2018-05/31/2019

Awarding agency: Translational working group (TWG) of University of Minnesota
Fellowship used to generate the data for R21 grant.

Current

1: Principal Investigator: Ganaie, Arsheed A

[Grant Type: Ramalingaswami fellowship of Rs 1.2 crore](#)

Date (Start-End): 2020-2025

Awarding Agency: Dept of Biotechnology (DBT), Govt. of India

Budget: 1.2 Crore

2: Principal Investigator: Ganaie, Arsheed A

[Grant Type: Multicentric taskforce project title `ICMR Network of Pulmonary Fibrosis \(INPF\)](#)

Date (Start-End): 2022-2024

Awarding Agency: Indian Council of Medical Research (ICMR)

Budget: 30 lakhs

3: Principal Investigator: Ganaie, Arsheed A

[Grant Type: Core Research Grant \(CRG\)](#)

Date (Start-End): 2022-2025

Awarding Agency: Science and engineering Research Board

Budget: 51 lakhs