Biodata of Co-Investigator

I. Project Investigator Details

1. Name: Adfar Yousuf

2. Designation: Assistant Professor

3. Department: Biotechnology

4. Institution: Shaheed Himayun Muzzamil Memorial Government Degree College Anantnag

5. Address (with PIN): Khanbal, Anantnag Jammu and Kashmir, 192101

6. Email: adfar@rediffmail.com

7. Contact Number: 9906644882

8. Date of Birth (DD/MM/YYYY): 08/02/83

9. Sex: Female

10. Category (SC/ST/OBC/General): General

II. Educational Qualifications

	Degree	Year	Subject	University/Institution	%ofmarks
1.	SSC	1998	GE,BIO,MATHS,URDU,SST	JKBOSE	80%
2.	Higher Secondary	2000	GE,PHY,CHM,BIO	JKBOSE	78.2%
3.	Graduation	2003	GE,CHM,ZOO,BCM	UNIVERSITY OF KASHMIR	64.66%
4.	Post-Graduation	2006	Biotechnology	UNIVERSITY OF KASHMIR	78%
5.	Ph.D	2012		SKIMS	

III. Employment Details (Chronological Order)

S. No.	Institution	Position Held	From (DD/MM/YYYY)	To (DD/MM/YYYY)	Nature of Appointment (Permanent/Contract/Ad hoc)
1	SKIMS Soura	Research Associate in ICMR Funded Gastric cancer Project	2012	2013	Contract
2	SKIMS Soura	Junior Resident	2013	2016	Contract
3	JKHED	Assistant Professor	2017	Till now	Permanent

IV. Honors / Awards / Fellowships

B. National

S.No	NameofAward	Awarding Agency	Year
1)	Gold Medalist	University of Kashmir	2016
2)	CSIR- NET Qualified	CSIR	2007
3)	CSIR- GATE Qualified	IIT-Kanpur	2007

V. Publications

Total Publications: 25
International: 20
National: 04

List of Selected Peer-Reviewed Publications (Impact Factor ≥1)

S. No	Author(s)	Title	NameofJournal	Volume	Page	Year
1.	NadeemUlNazeer , Mohammad Akbar Bhat , Bilal Rah Shadil Ibrahim Wani , Adfar Yousuf , Abdul Majeed Dar , DilAfroze	Mutational Assessment in NKX2-5 and ACTC1 Genes in Patients with Congenital Cardiac Septal Defect (CCSD) from Ethnic Kashmiri Population.	Int J Environ Res Public Health	19(16)	9884	2022
2.	Bilal Ahmad Wani, FaheemShehjar, SonaullahShah, AjazKoul, Adfar Yousuf, RajniSingh,Fayez Althobait,Adil Aldhahrani,	Association of IFN-gamma and IL-10 gene variants with the risk of extrapulmonary tuberculosis.	Saudi Journal of Biological Sciences.	28(8)	4210-4216	2021

	DilAfroze					
3.	SivaramGunisetty, KaustuvNayaka, Ramesh Chandra Rai, Yadya Chawla, ElluriSeetharami Reddy, Charu Aggarwal, DeeptiMaheshwari, Harekrushna Panda, Nasim,, RakeshLodhah, Sushil Kumar Kabrah , DilAfroze, Adfar Yousuf, Rafi Ahmed, KajaMurali-Krishna, AnmolChandele.	Analysis of dengue specific memory B cells, neutralizing antibodies and binding antibodies in healthy adults from India.	International Journal of Infectious Disease	48	57-63	2019
4.	Bilal Ahmad Wani, FaheemShehjar, Sonaullah Shah, AjazKoul, Adfar Yusuf, Muzamil Farooq, Mohmad Iqbal Mir, Rajni Singh, DilAfroze	Role of genetic variants of Vitamin D receptor, Toll-like receptor 2 and Toll-like receptor 4 in extrapulmonary tuberculosis.	Microbial Pathogenesis	18	671-676	2018
5.	IshratRasool, DilAfroze,KhursheedAlamWani, Adfar Yousuf, Imtiyaz Ahmad Bhat, Bilal Rah, Sheeraz Un Nazir,ShowketHussain,ShwetaDube y	Role of the Functional Polymorphism of Survivin Gene (-31G/C) and Risk of Breast Cancer in a North Indian Population	Clinical Breast Cancer	18(4)	671-676	2018
6.	Adfar Yousuf, DilAfroze, Nisar A Tramboo, Zaffar A. Shah &Asrar Ahmad	ApoE gene polymorphism and itsrelationship with coronary artery disease inethnic Kashmiri population.	Clinical and Experimental Medicine	16(4)	551-556	2016
7.	Haroon Rashid, Khursheed Alam, Dil-Afroze, Adfar Yousuf, Manzoor Banday, Fizalah Kawoosa	Hypermethylation status of E-Cadherin gene in Gastric cancer patients of high incidence area.	Asian Pacific Journal of Cancer Prevention	17	2757-2760	2016
8.	Adfar Yousuf, Nayil Khursheed, Ishrat Rasool, Vijay Kundal, Humira Jeelani & DilAfroze.	Genetic Variation of ApoE Gene in Ethnic Kashmiri Population and Its Association with Outcome After Traumatic Brain Injury.	J of Molecular Neuroscience	56(3)	597-601	2015
9.	Adfar Yousuf, DilAfroze, Raihana Ali, FizalahKawoosa, Tahseena Akhtar, SabeehaReshi, and Zafar A. Shah	Serum Leptin Levels, Leptin Receptor Gene (LEPR) Polymorphism, and the Risk of Systemic Lupus Erythematosus in Kashmiri Population.	Immunological Investigations	44(2)	113-25	2015

10.	Adfar Yousuf, Mohammad YounisBhat, Arshad A. Pandith, Dil-Afroze, Nighat P. Khan, KhursheedAlam, Parveen Shah, M. Amin Shah, Syed Mudassar	MGMT gene silencing by promoter hypermethylation in gastric cancer in a high incidence area.	Cellular Oncology	37(4)	245-252	2014
11.	NighatParveen Khan, Arshad Ahmad Pandith, Adfar Yousuf, NuzhatShaheen Khan, SyedMudassar.	The XRCC1 Arg399Gln Gene Polymorphism and Risk of Colorectal Cancer: a Study in Kashmir.	Asian Pac J Cancer Prev,	14 (11)	6779-6782.	2013
12.	QurteebaQadri, RoohiRasool, DilAfroze, Sameer Naqash, G M Gulzar, AdfarYousuf, M A Siddiqi, Zafar A Shah	Study of TLR4 and IL-8 Gene Polymorphisms in H.pylori-Induced Inflammation in Gastric Cancer in an Ethnic Kashmiri Population.	Immunological Investigations.	43(4)	324-36	2013
13.	Vishal Chandel, SajjidHussainBatt, Mohammad YounisBhat, NadeemUlnazeerKawoosa, Adfar Yousuf and Babar Rashid Zargar.	Procalcitonin as the biomarker of inflammation in diagnosis of appendicitis in Pediatric patients and Prevention of Unnecessary Appendectomies.	Indian J Surj	73(2)	136-41	2011
14.	Nighat P. Khan, Arshad A. Pandith • MahboobUlHussain Adfar Yousuf • Mosin S. Khan • Khursheed A. Wani, Syed Mudassar.	Novelty of Axin 2 and lack of Axin 1 gene mutation in colorectal cancer: a study in Kashmiri population.	Mol Cell Biochem	355	1-2	2011
15.	Nighat P. Khan, Arshad A. Pandith, Mahboob U. Hussain, Adfar Yousuf, Mosin S. Khan, Mushtaq A. Siddiqi, Khrusheed A. Wani and Syed Mudassar.	Loss of heterozygosity (LOH) of deleted in colorectal cancer (DCC) gene and predisposition to colorectal cancer: Significant association in colorectal cancer patients of Kashmir.	Journal of Cancer Research and Experimental Oncology	3(8)	88-94	2011
16.	Arshad Ahmad Pandith1, Zafar Shah1, Roohi Rasool1, Dil-Afroze, Adfar YoighatParveen, SaleemWani, and Mushtaq Siddiqi.	Activated H-rasgene mutations in transitional cell carcinoma of urinary bladder in a Kashmiri population.	Tumori	96	993-998	2010.
17.	Arshad A. Panditha, Zafar A. Shaha, Nighat P. Khan, RoohiRasoola, DilAfrozea, Adfar Yousuf, SaleemWani, MushtaqSiddiqia.	Role of TP53 Arg72Pro polymorphism in urinary bladder cancer predisposition and predictive impact of	Cancer Genetics and Cytogenetics	203	263-268.	2010

		proline related genotype in advanced tumors in an ethnic Kashmiri population.				
18.	M Shafi Dar, AAPandith, A S Sameer, M Sultan, A Yousuf, And S Mudassar. Hs-CRP	A POTENTIAL MARKER FOR HYPERTENSION IN KASHMIRI POPULATION.	Indian Journal Of Clinical Biochemistry	25 (2)	208-212	2010
19.	Arshad A Pandith, Zaffar A Shah, Nighat P Khan, Mohammad S Wani,Adfar Yousuf, RoohiRasool, DilAfroze, Mushtaq A Siddiq.	FGFR3 Germline Mutations Identified in Skeletal Dysplasia Significantly Cause Low-Grade and Low-Stage Bladder Cancer by Somatic Mutations	UroToday International Journal	3	1944-5784	2010
20.	Arshad A Pandith, Zaffar A Shah, Nighat P Khan, Adfar Y Bhat, Saleem M Wani, Mushtaq A Siddiqi.	Screening of N-ras Gene Mutations in Urothelial Cell Carcinomas of the Urinary Bladder in the Kashmiri Population.	Asian Pacific J Cancer	10	1063-1066	2009

VI. Projects Completed

Project 1

- **Title of Project: _"Role of CXCL1-CXCR2 and CXCL8-CXCR2 chemokine-chemokine receptor axis in the pathogenesis of Gastric cancer in Kashmiri population"**

Funding Agency: (JKST&IC)

- **Sanction Order No. JKST&IC/SRE/J/303-305**
- **From : Nov 2021**
- **To: April 2024**
- **Total Approved Cost (₹):** 6.40 lacs
- **Role (PI):** Conceived and designed the research project; secured funding from Jammu and Kashmir Science Technology and Innovation Council (JKST&IC); supervised and mentored one Junior Research Fellow (JRF); oversaw laboratory experiments, data analysis, and coordination with Co-PI for clinical sample procurement; managed project finances and ensured timely submission of technical and financial reports.
- **No. of Personnel Involved:** 1 JRF
- **Time Devoted:** 30%
- **Status:** Completed
- **Completion Report Submitted:** Yes
- **Project Accounts Settled:** Yes

VII. Professional Experience and Training Relevant to the Proposed Project

Faculty in Biotechnology with experience teaching undergraduate bioinformatics courses covering basic concepts of biological databases and sequence analysis .Organised and participated in several bioinformatics workshops. As Co-PI from the collaborating institute, will contribute biological expertise, support training activities, and facilitate inter-institutional coordination for the proposed Centre.