BIOGRAPHICAL SKETCH

NAME	CURRENT POSITION
Dr. Mohd Ashraf Dar e-mail: ashrafdar@kashmiruniversity.ac.in	**Ramalingaswami Fellow (Assistant Professor/Scientist D),** **Department of Biochemistry,** **University of Kashmir**

Citation Metric: (From Google Scholar)

Citations: 579 **H-Index: 13** **i-10 Index: 13**

EDUCATION/TRAINING/POSITION *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)*

INSTITUTION AND LOCATION	DEGREE/ POSITION	FIELD OF STUDY	
University of Kashmir, Srinagar, India	BSc	Chemistry & Biology	
University of Kashmir, Srinagar, India	MSc	Biochemistry	
Jawaharlal Nehru University, New Delhi, India	Pre-Ph.D	Molecular Biology	
Jawaharlal Nehru University, New Delhi, India	Ph.D.	Molecular Biology/ Molecular Parasitology	
Mayo Clinic, Rochester, MN, USA	Postdoctoral Fellow	Chromatin Biology	
University of Virginia, VA, USA	Research Associate-Scientist	Cancer/Ubiquitin Biology	
University of Kashmir, India	Scientist D	Ubiquitin Biology	

B. PEER-REVIEWED PUBLICATIONS

1. **Dar MA**, Sharma A, Mondal N, Dhar SK. Molecular cloning of apicoplast-targeted Plasmodium falciparum DNA gyrase genes: unique intrinsic ATPase activity and ATP-independent dimerization of PfGyrB subunit. **Eukaryotic Cell**, 2007,6, 398-412.

2. Nitharwal RG, Paul S, **Dar A**, Choudhury NR, Soni RK, Prusty D, Sinha S, Kashav T, Mukhopadhyay G, Chaudhuri TK, Gourinath S, Dhar SK. The domain structure of Helicobacter pylori DnaB helicase:

the N-terminal domain can be dispensable for helicase activity whereas the extreme C-terminal region is essential for its function. **Nucleic Acids Research**, 2007, 35, 2861-74.

3. Sharma A, Nitharwal RG, Singh B, **Dar A**, Dasgupta S, Dhar SK. Helicobacter pylori single-stranded DNA binding protein--functional characterization and modulation of H. pylori DnaB helicase activity. **FEBS J**, 2009, 276, 519-31.

4. Gupta A, Mehra P, Deshmukh A, **Dar A**, Mitra P, Roy N, Dhar SK. Functional dissection of the catalytic carboxyl-terminal domain of origin recognition complex subunit 1 (PfORC1) of the human malaria parasite Plasmodium falciparum. **Eukaryotic Cell**, 2009, 8, 1341-51.

5. **Dar A**, Prusty D, Mondal N, Dhar SK. A unique 45-amino-acid region in the toprim domain of Plasmodium falciparum gyrase B is essential for its activity**. Eukaryotic Cell**, 2009, 8, 1759-69.

6. **Dar A**[#], Prusty D[#], Priya R, Sharma A, Dana S, Choudhury NR, Rao NS, Dhar SK. Single-stranded DNA binding protein from human malarial parasite Plasmodium falciparum is encoded in the nucleus and targeted to the apicoplast. **Nucleic Acids Research**, 2010, 38, 7037-53.
Co-first Authors

7. Jha S, Gupta A, **Dar A**, Dutta A. RVBs are required for assembling a functional TIP60 complex. **Molecular and Cellular Biology**, 2013, 33, 1164-74.

8. Snow CJ, **Dar A**, Dutta A, Kehlenbach RH, Paschal BM. Defective nuclear import of Tpr in Progeria reflects the Ran sensitivity of large cargo transport. **The Journal of Cell Biology**, 2013, 13, 541-57.

9. **Dar A**, Shibata E, Dutta A. Deubiquitination of Tip60 by USP7 determines the activity of the p53-dependent apoptotic pathway. **Molecular and Cellular Biology**, 2013, 33, 3309-20.

10. **Dar A**[#], Shibata E[#], Dutta A. CRL4Cdt2 E3 Ubiquitin Ligase and PCNA Cooperate to Degrade Thymine DNA Glycosylase in S-phase. **Journal of Biological Chemistry**, 2014, 33, 23054-64. # Co-first Authors

11. Dana S, Prusty D, Dhayal D, Gupta MK, **Dar A**, Sen S, Mukhopadhyay P, Adak T, Dhar SK. The potent Anti-malarial activity of Acriflavine in vitro and in vivo. **ACS Chemical Biology**, 2014,9, 2366-73.

12. **Dar A**, Wu D, Lee N, Shibita E, Dutta A. 14-3-3 proteins play a role in the cell cycle by shielding Cdt2 from ubiquitin-mediated degradation. **Molecular and Cellular Biology,** 2014, 34, 4049-61.

13. **Dar A*,** Kiran S*, Singh SK*, Lee KY, Dutta A. The deubiquinase USP46 is essential for proliferation and tumor growth of HPV transformed cancers, **Molecular Cell**, 2018, 6,72(5) 823-835 *Co-first Authors

14. Prusty D, Gupta N, Upadhyay A, **Dar A**, Naik B, Kumar N, Prajapati VK. Asymptomatic malaria infection: prevailing risks for human health and malaria elimination, **Infection,Genetics and Evolution** (2021),1104987.

D. PATENTS

1. Suman Kumar Dhar, Srikanta Dana, **Ashraf Dar**, Dhaneswar Prusty, Pritam Mukhopadyay. Method of screening anti-plasmodial activity of acriflavin and acriflavin as an anti-malarial agent. 2016. (**US 9,375,426 B2)**