

1. Nissar S, Sameer AS, Rasool R, Chowdri NA, **Rashid F**. Promoter methylation and Ile105Val polymorphism of GSTP1 gene in modulation of colorectal cancer risk in ethnic kashmiri population. **Indian Journal of cancer**, 56; 248-53; **2019**.  
<https://pubmed.ncbi.nlm.nih.gov/31389389/>
  
2. Sairish A, Mudassir N, Shayeq R, **Rashid F**, Amin S. Hyperandrogenism in Polycystic ovarian syndrome and role of CYP gene variants: A review. **Egyptian Journal of Medical Human Genetics**. 20.25., **2019**.  
<https://jmhg.springeropen.com/articles/10.1186/s43042-019-0031-4>
  
3. Douhath S, Ganie MA, Jeelani S, Mudassar S, Shah ZA, Zargar MA, Amin S, Wani IA & **Rashid F**. Effect of six-month use of oral contraceptive pills on plasminogen activator inhibitor-1 & factor VIII among women with polycystic ovary syndrome: An observational pilot study. **Ind J Med Res.** 148 (7), 151-155, **201**  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6469381/>
  
4. Jeelani H, Ganie MA, Amin S, Fatima S, Ashaq I K , Manzoor S, Parvez T , Dar NA, **Rashid F**. Effect of Paraoxonase1 (PON1) gene polymorphisms on PON1 activity, HDL, LDL and MDA levels in women with polycystic ovary syndrome (PCOS): A case-control study. **Meta Gene**, 20,100552, **2019**.  
<https://www.sciencedirect.com/science/article/pii/S2214540019300118>
  
5. Humira Jeelani, Mohd Ashraf Ganie, Akbar Masood, Shajrul Amin, Iram Ashaq Kawa, Qudsia Fatima, Saika Manzoor, Tabasum Parvez, Niyaz Ahmad Naikoo, **Fouzia Rashid**. Assessment of PON1 activity and circulating TF levels in relation to BMI, testosterone, HOMA-IR, HDL-C, LDL-C, CHO, SOD activity and TAC in women with PCOS: An observational study. **Diabetes & Metabolic Syndrome: Clinical Research & Reviews** 13 (**2019**) 2907-2915.  
<https://pubmed.ncbi.nlm.nih.gov/31425955/>
  
6. Ashaq I K, Masood A, Ganie MA, Fatima Q, Jeelani H, Manzoor S, Rizvi SM, Muzamil M, **Rashid F**. Bisphenol A (BPA) acts as an endocrine disruptor in women with Polycystic Ovary Syndrome: Hormonal and metabolic evaluation. **Obesity Medicine**. 14, 2451-8476, **2019**.  
[https://www.semanticscholar.org/paper/Bisphenol-A-\(BPA\)-acts-as-an-endocrine-disruptor-in-Kawa-Masood/894e1e18f5c7a66e236379335c71665f5c306c8b](https://www.semanticscholar.org/paper/Bisphenol-A-(BPA)-acts-as-an-endocrine-disruptor-in-Kawa-Masood/894e1e18f5c7a66e236379335c71665f5c306c8b)
  
7. Fatima Q, Amin S, Kawa IA, Jeelani J, Manzoor S, Rizvi SM, **Rashid F**. Evaluation of antioxidant defense markers in relation to hormonal and insulin parameters in women with polycystic ovary syndrome (PCOS): A case-control study. **Diabetes & Metabolic Syndrome: Clinical Research & Reviews**. 13, 1957-1961, 2019.  
<https://pubmed.ncbi.nlm.nih.gov/31235121/>
  
8. Rashid R, Geer MI, Verma SK, Rashid F and Ganaie A. Evaluation of prescription pattern and compliance in Kashmiri women with Polycystic Ovarian Syndrome. **Journal of Drug Delivery and Therapeutics**. 9(3), 379-383, **2019**.  
<https://jddtonline.info/index.php/jddt/article/view/2885>
  
9. Rasool SUA, Ashraf S, Nabi M, **Rashid F**, Fazili KM, Amin S. Elevated fasting insulin is associated with cardiovascular and metabolic risk in women with polycystic ovary syndrome.

**Diabetes & metabolic syndrome: Clinical Research & Reviews.** 13(3), 20982105, **2019.**  
<https://pubmed.ncbi.nlm.nih.gov/31235143/>

10. Rasool SUA, Ashraf S, Nabi M., **Rashid F**, Masoodi SR, Fazili KM. and Amin S. Insulin gene VNTR class III allele is a risk factor for insulin resistance in Kashmiri women with polycystic ovary syndrome. **Meta Gene.** 100597, **2019.**  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9408134/>
11. Saika Manzoor, Mohd Ashraf Ganie, Shajrul Amin, Zaffar A Shah, Imtiyaz A Bhat, S. Douhath Yousuf, Humira Jeelani, Iram A Kawa, Qudsia Fatima & **Fouzia Rashid**. Oral contraceptive use increases risk of inflammatory and coagulatory disorders in women with Polycystic Ovarian Syndrome: An observational study. **Scientific Reports.** 9,10182, **2019.**  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6629878/>
12. Sairish Ashraf, Shayaq Ul Abeer Rasool, Mudasar Nabi, Mohd Ashraf Ganie, Farhat Jabeen, **Fouzia Rashid** & Shajrul Amin. CYP17 gene polymorphic sequence variation is associated with hyperandrogenism in Kashmiri women with polycystic ovarian syndrome. **Gynecological Endocrinology.** **2020.** DOI: 10.1080/09513590.2020.1770724.  
<https://pubmed.ncbi.nlm.nih.gov/32456493/>
13. Jasiya Qadir, Sabhiya Majid, Mosin S. Khan, **Fouzia Rashid**, Mumtaz Din Wani, Inshah Din, Haamid Bashir. AT-rich Interaction Domain 1A Gene Variations: Genetic Associations and Susceptibility to Gastric Cancer Risk. **Pathology & Oncology Research.** **2020.** PMID: 3237798  
<https://pubmed.ncbi.nlm.nih.gov/32377988/>
14. Saika Manzoor, Mohd A. Ganie, Sabhiya Majid, Iram Shabir , Iram A. Kawa, Qudsia Fatima, Humira Jeelani, Syed Douhath Yousuf, **Fouzia Rashid**. Analysis of Intrinsic and Extrinsic Coagulation Pathway Factors in OCP Treated PCOS Women. **Ind J Clin Biochem.** volume 36, pages 278–287 (**2021**).  
<https://pubmed.ncbi.nlm.nih.gov/34220002/>
15. Humira Jeelani, Nahida Tabassum, Dil Afroze, **Fouzia Rashid**. Association of Paraoxonase1 enzyme and its genetic single nucleotide polymorphisms with cardio-metabolic and neurodegenerative diseases. <https://doi.org/10.1016/j.genrep.2020.100775>. **Gene Reports.** 20(6):100775, **2020.**  
<https://www.sciencedirect.com/science/article/abs/pii/S245201442030189>
16. Iram A, Masood A, Fatima Q, Mir S, Jeelani H, Manzoor S and **Rashid F**. Endocrine disrupting chemical Bisphenol A and its effects on female health. March **2021**, **Diabetes and Metabolic Syndrome Clinical Research and Reviews** 15 (6) DOI: 10.1016/j.dsx.2021.03.031.  
<https://pubmed.ncbi.nlm.nih.gov/33839640/>
17. Wazir S, Zargar MA, Iram A, Manzoor S, Muzammil M and **Rashid F**, High prevalence of Metabolic Syndrome in Kashmir (India) Adult population: Time to Intervene, Annals of R.S.C.B., ISSN: 1583-6258, Vol. 25, Issue 4, **2021**, Pages. 14863 – 14877.  
<http://annalsofrscb.ro/index.php/journal/article/view/4828>
18. Wazir S, Zargar MA, Muzammil M and **Rashid F**, Hematological parameters as a risk for developing Metabolic syndrome in adult population of Kashmir (India), © **2021 Archives of Medicine and Health Sciences** | Published by Wolters Kluwer – Medknow.

[https://journals.lww.com/armh/fulltext/2021/09020/hematological\\_parameters\\_as\\_a\\_risk\\_for\\_developing.12.aspx](https://journals.lww.com/armh/fulltext/2021/09020/hematological_parameters_as_a_risk_for_developing.12.aspx)

19. Qadir J, Majid S, Khan MS, **Rashid F**, Wani MD, Bhat SA. Implications of ARID1A undercurrents and PDL1, TP53 overexpression in Advanced Gastric cancer. **Pathol Oncol Res.** 2021 Dec 3; 27:1609826.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8677663/>

20. Din I, Majid S, Rashid F, Wani MD, Qadir J, Wani H, Fareed M. Mitochondrial uncoupling protein 2 (UCP2) gene polymorphism – 866 G/A in the promoter region is associated with type 2 diabetes mellitus among Kashmiri population of Northern India. **Mol Biol Rep.** 2022

<https://pubmed.ncbi.nlm.nih.gov/36346492/>

21. Douhath S Y, Ganie MA, Mudassar S, Humiara S, Ibrahim S, Humira J, RashidG, Zargar MA, **Rashid F**. Association of -675 4G/5G PAI-1 and -2518A/G MCP-1 genetic polymorphisms with polycystic ovary syndrome in Kashmiri women: A case control study. **J Family Med Prim Care** 2022; 11:4743-52.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9638670/>

22. Syed Douhath, M Ashraf Ganie, Uneeb Urwat, Syed Mudasir Andrabi,M Afzal Zargar, Mashooq A Dar, Mir Manzoor-ul-Rehman, Syed Mudassar and **Fouzia Rashid**. Oral contraceptive pill (OCP) treatment alters the gene expression of intercellular adhesion molecule-1 (ICAM-1), tumor necrosis factor- $\alpha$  (TNF- $\alpha$ ), monocyte chemoattractant protein-1 (MCP-1) and plasminogen activator inhibitor-1(PAI-1) in polycystic ovary syndrome (PCOS) women compared to drug-naive PCOS women. **BMC Women's Health.** 2023, 23:68.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9933286/>

23. Atharv Pethe, Siddhi Joshi, Tanveer Ali Dar, Nitesh Kumar Poddar Revisiting the role of phospholipases in alzheimer's: crosstalk with processed food, Crit Rev Food Sci Nutr.. 2024, 13:1-19.

DOI: 10.1080/10408398.2024.2377290

24. Usma Manzoor, Ishfaq Bashir Hajam, Tanveer Ali Dar. Osmolyte-specific counteraction of ethanol-induced aggregation and structure-function distortion of catalase, Journal of Molecular Liquids, 2024, 400, 124506; <https://doi.org/10.1016/j.molliq.2024.124506>

25. SS Wani, H Qadri, AH Shah, TA Dar. Dual Antifungal and Antiproliferative Activities of a Novel Protein Fraction from a Medicinally Important Herb Trillium govanianum Wall. ex. D. Don. Applied Biochemistry and Biotechnology, 2023, 1-19 ; DOI

<https://doi.org/10.1007/s12010-023-04786-2>

26. H Sharma, TA Dar, YS Wijayasinghe, D Sahoo, NK Poddar. Nano-osmolyte conjugation: Tailoring the osmolyte-protein interactions at the nanoscale ACS omega (2023) 8 (50), 47367 – 47379, <https://doi.org/10.1021/acsomega.3c07248>

27. Mohd Younus Bhat, Irfan Mir, Laishram Rajendrakumar Singh, Mahboobul Hussain, Tanveer Ali Dar. Trehalose promotes structural disorderness of intrinsically disordered casein proteins with enhanced chaperone function, Journal of Molecular Liquids (2023) 385; 122270,

<https://doi.org/10.1016/j.molliq.2023.122270>

28. MY Bhat, IA Mir, M Ul Hussain, LR Singh, TA Dar. Urea ameliorates trimethylamine N-oxide-Induced aggregation of intrinsically disordered  $\alpha$ -casein protein: the other side of the urea-methylamine counteraction, J. Biomol. Str. and Dyn. (2023), 41 (8): 3659 - 3666,

<https://doi.org/10.1080/07391102.2022.2053744>

29. Fasil A., Usma M., Reshmee B., Aniket K.B., Kempohalli SC, Laishram RS, Suma MS, Vladimir U, Tanveer AD. Brain Metabolite, Myo-inositol, Inhibits Catalase Activity: A Mechanism of the Distortion of the Antioxidant Defense System in Alzheimer's disease, *ACS omega* (2022), 7 (15): 12690-12700,  
<https://doi.org/10.1021/acsomega.1c06990>
30. Fasil A., Usma M., Faez IK, Dakun L, Md Khurshid AK, Chandrashekharaiyah KS, Laishram RS, Tanveer AD. Effect of polyol osmolytes on the structure-function integrity and aggregation propensity of catalase: A comprehensive study based on spectroscopic and molecular dynamic simulation measurements, *Int. J. Biol. Macro.* (2022) 209, 198-210,  
<https://doi.org/10.1016/j.ijbiomac.2022.04.013>
31. Ilyas A., Wijayasinghe YS., Khan I., Samaloty NM., Adnan M., Dar TA., Poddar NK., Singh LR., Sharma H., Khan S. Implications of TMAO and betaine in human health: Beyond being chemical chaperones, *Frontiers in Molecular Biosciences* (2022), 9: 964624,  
<https://doi.org/10.3389/fmlob.2022.964624>
32. Adeel Malik, Nitin Mahajan, Tanveer Ali Dar, Chang-Bae Kim, C10Pred: A First Machine Learning Based Tool to Predict C10 Family Cysteine Peptidases Using Sequence-Derived Features, *International Journal of Molecular Sciences* (2022), 23(17); 9518 ,  
<https://doi.org/10.3390/ijms23179518>
33. Mashooq Ahmad Dar, Syed Mudasir Ahmad, Basharat A Bhat, Tanveer Ali Dar, Zulfqar ul Haq, Basharat A Wani, Nadeem Shabir, Zahid Amin Kashoo, Riaz Ahmad Shah, Nazir A Ganai and Mohammad Heidari, Comparative RNA-Seq analysis reveals insights in *Salmonella* disease resistance of chicken; and database development as resource for gene expression in poultry, *Genomics*, (2022) 114(5); 110475,  
<https://doi.org/10.1016/j.ygeno.2022.110475>
34. K Kumari, M Warepam, AK Bansal, TA Dar, VN Uversky, LR Singh. The gut metabolite, trimethylamine N-oxide inhibits protein folding by affecting cis-trans isomerization and induces cell cycle arrest, *Cellular and Molecular Life Sciences* (2022) 79 (1), 1-16,  
<https://doi.org/10.1007/s00018-021-04087-z>
35. M Manzoor, SM Zargar, P Akhter, U Urwat, R Mahajan, SA Bhat, TA Dar. Morphological, Biochemical, and Proteomic Studies Revealed Impact of Fe and P Crosstalk on Root Development in *Phaseolus vulgaris* L. *Applied Biochemistry and Biotechnology* (2021) 193 (12), 3898-3914,  
<https://doi.org/10.1007/s12010-021-03662-1>
36. A Kumawat, S Raheem, F Ali, TA Dar, S Chakrabarty, MA Rizvi Organoselenium Compounds as Acetylcholinesterase Inhibitors: Evidence and Mechanism of Mixed Inhibition. *The Journal of Physical Chemistry B* (2021) 125 (6), 1531-1541, <https://doi.org/10.1021/acs.jpcb.0c08111>
37. GS Sharma, S Krishna, S Khan, TA Dar, KA Khan, LR Singh Protecting thermodynamic stability of protein: The basic paradigm against stress and unfolded protein response by osmolytes. *International Journal of Biological Macromolecules* (2021) 177; 229 -240,  
<https://doi.org/10.1016/j.ijbiomac.2021.02.102>
38. MY Bhat, MA Malik, LR Singh, TA Dar Trimethylamine N-oxide alters structurefunction integrity of  $\beta$ -casein: Structural disorder co-regulates the aggregation propensity and chaperone activity. *International Journal of Biological Macromolecules* (2021) 182, 921-930,  
<https://doi.org/10.1016/j.ijbiomac.2021.04.060>

39. Bhat SA, Ahmad SM, Ibeagha-Awemu EM, Mobashir M, Dar MA, Mumtaz PT, Shah RA, Dar TA, Shabir N, Bhat HF, Ganai NA Comparative milk proteome analysis of Kashmiri and Jersey cattle identifies differential expression of key proteins involved in immune system regulation and milk quality, *BMC genomics* (2020), 21 (1), 1-10, <https://doi.org/10.1186/s12864-020-6574-4>
40. MY Bhat, LR Singh, TA Dar (2020) Taurine induces an ordered but functionally inactive conformation in intrinsically Disordered casein proteins, *Scientific reports* 10 (1), 1-11, <https://doi.org/10.1038/s41598-020-60430-7>
41. MA Rather, TA Dar, LR Singh, GM Rather, Bhat MA. Structural-functional integrity of lysozyme in imidazolium based surface active ionic liquids, *International Journal of Biological Macromolecules* (2020) 156: 271-279, <https://doi.org/10.1016/j.ijbiomac.2020.04.033>
42. Manzoor U, Dar TA. Protein kinases as regulators of osmolyte accumulation under stress conditions: An overview. *Frontiers in Bioscience* (2020) 25, 1386-1411; PMID: 32114438, DOI: 10.2741/4861
43. SS Wani, PA Dar, SM Zargar, Dar TA. Therapeutic Potential of Medicinal Plant Proteins: Present Status and Future Perspectives. *Current Protein & Peptide Science* (2020) 21(5):443-487 , <https://doi.org/10.2174/138920372066191119095624>
44. PA Dar, SA Mir, JA Bhat, A Hamid, LR Singh, F Malik, Dar TA. An anti-cancerous protein fraction from *Withania somnifera* induces ROS-dependent mitochondriamediated apoptosis in human MDA-MB-231 breast cancer cells *Int. J. of Biol. Macro.* (2019) 135:77-87, <https://doi.org/10.1016/j.ijbiomac.2019.05.120>
45. Nancy G, Zargar SM, Salgotra RK, Dar TA. Identification of drought stress-responsive proteins in common bean. *Journal of Proteins & Proteomics* (2019)  
DOI: 10.1007/s42485-019-00005-x
46. Dar MA, Urwat U, Ahmad SM, Ahmad R, Kashoo ZA, Dar TA, Bhat SA, Mumtaz PT, Shabir N, Shah RA, Heidari M. Gene expression and antibody response in chicken against *Salmonella Typhimurium* challenge. *Poultry Science* (2019) 98(5):2008-2013, <https://doi.org/10.3382/ps/pey560>
47. Umer Majeed Khaja, Farhat Jabeen, Maroof Ahmed, Asma Rafiq, Ruhban Ansar, Khushboo Javaid, Chirag Chopra, Reena Singh, Showkat Ahmad Ganie. Studies on the ameliorative potential of *Rheum webbianum* rhizome extracts on 1,2-dimethylhydrazine (DMH) induced colorectal cancer and associated hepatic and haematological abnormalities in swiss albino rats. *Journal of Ethnopharmacology*. 2024, 335: 1-11. (**Impact Factor 5.40**).  
<https://www.sciencedirect.com/science/article/abs/pii/S0378874124009516>
48. Rumaisa Mohidin, **Showkat Ahmad Ganie**, Farooq A. Shiekh, Akhtar H. Malik, Owais Mohmad Bhat, Abid Hamid Dar, Shabir H. Qureshi, Nissar Ahmad Wani & Mohammad Afzal Zargar. Bioactive potential of *Lagotis cashmeriana*: a study on morphology, phytochemicals, and antioxidant activity. *Natural Product Research*. 38 (12), (2024), 1-5. (**Impact Factor 2.2**).  
<https://www.tandfonline.com/doi/full/10.1080/14786419.2024.2355587>
49. Aarif Ali, Bashir Ahmad Malla, **Showkat Ahmad Ganie**, Muneeb U. Rehman, Sheikh Bilal Ahmad. Computational tools and databases at the forefront to study geographic

and genomic distribution of SARS-CoV-2 variants. *Network Modeling Analysis in Health Informatics and Bioinformatics*. 13 (2024), 1-18. (Impact factor 2.3).  
<https://link.springer.com/article/10.1007/s13721-024-00462-5>

50. Sharad Vats, Chhavi Kausha, Michael P. Timko, **Showkat Ahmad Ganie**. Uraria picta: A review on its ethnobotany, bioactive compounds, pharmacology and commercial relevance. *South African Journal of Botany*. 167 (2024), 333-354. (Impact Factor 3.1).  
<https://www.sciencedirect.com/science/article/abs/pii/S0254629924001017>
51. Suhail Anees, Muzaffar Ahmad, Suhail Ashraf, Aashiq Hussain Bhat, Rabia Hamid, Showkat Ahmad Ganie. Bioactive fractions from *Allium humile* alleviate the risk of high fat diet induced atherosclerosis in albino Wistar rats by inhibiting protein kinase C. *Fitoterapia*. 2024, 174: 1-18. (Impact factor 3.40).  
<https://www.sciencedirect.com/science/article/abs/pii/S0367326X23003507>
52. Suhail Anees, Ifrah Manzoor, Kaneez Fatima, Rabia Hamid, Showkat Ahmad Ganie. GC-MS analysis and potential therapeutic efficacy of extracts from *Allium humile* Kunth in lowering dyslipidemia in wistar rat models. *Journal of Ethnopharmacology*. 2024, 320: 1-13. (Impact Factor 5.40).  
<https://www.sciencedirect.com/science/article/abs/pii/S037887412301348X>
53. Basharat Ahmad Bhat, Ifra Saifi, Nizar A. Khamjan, Syed Suhail Hamdani, Abdullah Algaissi, Safeena Rashid, Mohammed M. Alshehri, **Showkat Ahmad Ganie**, Mohtashim Lohani, Siddig Ibrahim Abdelwahab & Sajad Ahmad Dar. Exploring the tumor immune microenvironment in ovarian cancer: a way-out to the therapeutic roadmap. *Expert Opinion on Therapeutic Targets*. 2023, 1-20. (Impact Factor 5.8).  
<https://www.tandfonline.com/doi/full/10.1080/14728222.2023.2259096>
54. Ifra Saifi, Basharat Ahmad Bhat, Syed Suhail Hamdani, Umar Yousuf Bhat, Carlos Alberto Lobato-Tapia, Mushtaq Ahmad Mir, Tanvir Ul Hasan Dar & **Showkat Ahmad Ganie**. Artificial intelligence and cheminformatics tools: a contribution to the drug development and chemical science. *Journal of Biomolecular Structure and Dynamics*. 2023, 1-19. (Impact factor 5.235).  
<https://www.tandfonline.com/doi/full/10.1080/07391102.2023.2234039>
55. Aarif Ali, Muneeb U Rehman, Saima Mushtaq, Sheikh Bilal Ahmad, Altaf Khan, Anik Karan, Amir Bashir Wani, **Showkat Ahmad Ganie**, Manzoor Ur Rahman Mir. Biochemical and Computational Assessment of Acute Phase Proteins in Dairy Cows Affected with Subclinical Mastitis. *Current Issues in Molecular Biology*. 2023, 45, 5317–5346. (Impact factor 3.1).  
<https://www.mdpi.com/1467-3045/45/7/338>
56. Aarif Ali, Manzoor Ur Rahman Mir, **Showkat Ahmad Ganie**, Saima Mushtaq, Sarah I. Bukhari, Sultan Alshehri, Shahzada Mudasir Rashid, Tahir Maqbool Mir and Muneeb U. Rehman. Milk-Compositional Study of Metabolites and Pathogens in the Milk of Bovine Animals Affected with Subclinical Mastitis. *Molecules*. 2022, 1-23. (Impact factor 4.927).  
<https://www.mdpi.com/1420-3049/27/23/8631>
57. Muneeb U. Rehman, Aarif Ali, Ruhban Ansar, Azher Arafah, Zuha Imtiyaz, Tanveer A. Wani, Seema Zargar and **Showkat A. Ganie**. In Silico molecular docking and dynamic analysis of natural compounds against major non-structural proteins of SARS-CoV-2. *Journal of Biomolecular Structure and Dynamics*. 2022, 1-17. (Impact factor 5.235).

<https://www.tandfonline.com/doi/full/10.1080/07391102.2022.2139766>

58. Khalid Bashir Dar, Ruhban Ansar Parry, Aashiq Hussain Bhat, Afaq Hameed Beigh, Maroof Ahmed, Umer Majeed Khaja, Aijaz Hassan Ganie, Manzoor Ahmad Mir, Bilal Ahmad Reshi, Ishfaq Shafi Khan and **Showkat Ahmad Ganie**. Immunomodulatory efficacy of *Cousinia thomsonii* C.B. Clarke in ameliorating inflammatory cascade expressions. *Journal of Ethnopharmacology*. 2022, 300: 1-12. (**Impact Factor 5.40**).  
<https://www.sciencedirect.com/science/article/abs/pii/S0378874122007668>
59. Aarif Ali, Muneeb U. Rehman, Syed Mudasir Ahmad, Tabish Mehraj, Ishraq Hussain, Ahmed Nadeem, Manzoor Ur Rahman Mir and **Showkat Ahmad Ganie**. In Silico Tools for Analysis of Single-Nucleotide Polymorphisms in the Bovine Transferrin Gene. *Animals*. 2022, 12: 1-16. (**Impact Factor 3.231**). <https://www.mdpi.com/2076-2615/12/6/693>
60. Shafaquat Nabi, Syed Tanveer, **Showkat Ahmad Ganie**, Khalid Bashir. Oxidative stress, serum biochemistry and DNA damage of *Cyprinus carpio communis* naturally infected with helminths. *International Aquatic Research*. 2022, 14:13-22. (**Impact Factor 1.875**).  
[https://intelaquares.tonekabon.iau.ir/article\\_688534.html](https://intelaquares.tonekabon.iau.ir/article_688534.html)
61. Ishfaq Shafi Khan, Shafat Ali, Khalid Bashir Dar, Mohd Murtaza, Md. Niamat Ali, **Showkat Ahmad Ganie** and Showkat Ahmad Dar. Toxicological analysis of synthetic dye orange red on expression of NF $\kappa$ B-mediated inflammatory markers in Wistar rats. *Drug and Chemical Toxicology*. 2021, 1-11. (**Impact factor 3.356**).  
<https://www.tandfonline.com/doi/full/10.1080/01480545.2021.1979579>
62. Khalid Bashir Dar, Ishfaq Shafi Khan, Shajrul Amin, Aijaz Hassan Ganie, Aashiq Hussain Bhat, Showkat Ahmad Dar, Bilal Ahmad Reshi, **Showkat Ahmad Ganie**. Active *Cousinia thomsonii* Extracts Modulate Expression of Crucial Proinflammatory Mediators/ Cytokines and NF $\kappa$ B Cascade in Lipopolysaccharide-Induced Albino Wistar Rat Model. *Journal of Inflammation research*. 2020, 13: 829-845. (**Impact factor 4.631**). <https://www.dovepress.com/active-cousinia-thomsonii-extracts-modulate-expression-of-crucial-proi-peer-reviewed-fulltext-article-JIR>
63. Ishfaq Shafi Khan, Khalid Bashir Dar, **Showkat Ahmad Ganie** & Md. Niamat. Ali. Toxicological impact of sodium benzoate on inflammatory cytokines, oxidative stress and biochemical markers in male Wistar rats. *Drug and Chemical Toxicology*. 2020, 1-10. (**Impact factor 3.356**).  
<https://www.tandfonline.com/doi/full/10.1080/01480545.2020.1825472>
64. Insha Amin, Ishraq Hussain, Muneeb U. Rehman, Bilal Ahmad Mir, **Showkat Ahmad Ganie**, Sheikh Bilal Ahmad, Manzoor Ur Rahman Mir, Syed Shanaz, Showkeen Muzamil, Azher Arafah, Parvaiz Ahmad. Zingerone prevents lead-induced toxicity in liver and kidney tissues by regulating the oxidative damage in Wistar rats. *Journal of Food Biochemistry*. 2020, 13241: 1-14. (**Impact factor 4.0**). <https://pubmed.ncbi.nlm.nih.gov/32515504/>

65. Sumaya Hassan, Abubakar Wani, Shilpa Gupta, Nasreena Sajjad, Rohaya Ali, Muzaffar Ahmad Bhat, Ajay Kumar, Zabeer Ahmad, **Showkat Ahmad Ganie**, Rabia Hamid. *Dipsacus inermis* Wall. modulates inflammation by inhibiting NF-κB pathway: An *in vitro* and *in vivo* study. *Journal of ethnopharmacology*. 2020, 254:1-12. (**Impact factor 5.40**).  
<https://www.sciencedirect.com/science/article/abs/pii/S0378874119308608>
66. Sumaya Hassan, Muzaffar Ahmad Bhat, Nasreena Sajjad, Rohaya Ali, **Showkat Ahmad Ganie**, Rabia Hamid. Hepatoprotective effects of *Meconopsis aculeata* extract against CCl<sub>4</sub> induced oxidative damage in rats. *Advances in Traditional Medicine*. 2020, 20: 545-554. (**Impact Factor 2.0**). <https://link.springer.com/article/10.1007/s13596-020-00490-2>
67. Shafaquat Nabi, Syed Tanveer, **Showkat Ahmad Ganie**& Tanveer Ahmad Sofi. Prevalence and incidence of helminth infection in some freshwater fishes of Sukhnag stream in Kashmir. *Indian Journal of Experimental Biology*. 2020, 58: 788-793. (**Impact Factor 0.944**).  
<https://pdfs.semanticscholar.org/2cd9/cd691e36b18f42abc01a801ee2cc87d79cd1.pdf>
68. M. I. DAR, A. KHAJURIA, K. B. DAR, B. RAH, T. SIDIQ, S. A. GANIE, A. MASOOD, S. AMIN. In vitro and in vivo Immunomodulatory Effect of *Lavatera cashmeriana* Protein Concentrate. *Indian Journal of Pharmaceutical Sciences*. 2020, 483-491. (**Impact factor 0.97**). <https://www.ipsonline.com/articles/iin-vitro-and-iin-vivo-immunomodulatory-effect-of-ilavatera-cashmerianai-protein-concentrate.pdf>
69. Ovais Ahmad Zargar, Rohina Bashir, **Showkat Ahmad Ganie**, Rabia Hamid. The effect of *Elsholtzia densa* methanolic extract modulates inflammation *in vitro* and *in vivo*. *Advances in Traditional Medicine*. 2019, 19:49–58. (**Impact factor 2.0**).  
<https://link.springer.com/article/10.1007/s13596-018-0346-6>
70. Shafaquat Nabi, Syed Tanveer, **Showkat Ahmad Ganie**. Glutathione-S-transferase, Superoxide Dismutase (GST, SOD) Levels, Protein Content and Lipid Peroxidation in Schizothorax plagiostomus under the Infection of Pomphorhynchus in Nallah Sukhnag of Kashmir Valley. *Pakistan Journal of Biological Sciences*. 2017, 20(9): 442-446. (**Impact factor 1.036**).  
<https://pubmed.ncbi.nlm.nih.gov/30187732/>

71. Khalid Bashir Dar<sup>1</sup>, Aashiq Hussain Bhat<sup>1</sup>, Shajrul Amin, Bilal Ahmad Reshi, Mohammad Afzal Zargar, Akbar Masood, Showkat Ahmad Ganie. Elucidating Critical Proteino pathic Mechanisms and Potential Drug Targets in Neurodegeneration. *Cellular and Molecular Neurobiology*. 2019, 04: 1-33. (**Impact factor 5.046**).

<https://link.springer.com/article/10.1007/s10571-019-00741-0>

72. Aashiq Hussain Bhat, Khalid Bashir Dar, Mohammad Afzal Zargar, Akbar Masood, **Showkat Ahmad Ganie**. Modulation of Oxidative Stress and Hyperglycemia by *Rheum spiciformis* in Alloxan Induced Diabetic Rats and Characterization of Isolated Compound. *Drug Research* 2019, 69: 218-226 (**Impact factor 2.2**). <https://pubmed.ncbi.nlm.nih.gov/30208495/>

73. Khalid Bashir Dar, Aashiq Hussain Bhat, Shajrul Amin, Syed Anjum, Bilal Ahmad Reshi, Mohammad Afzal Zargar, Akbar Masood, Showkat Ahmad Ganie. Exploring Proteomic Drug Targets, Therapeutic Strategies and Protein - Protein Interactions in Cancer: Mechanistic View. *Current cancer drug targets*. 2019, 19, 1-19 (**Impact factor 3.42**). <https://www.eurekaselect.com/article/92144>

74. Saima Nazir, Mir Kaisar Ahmad, Zubair-ul-Nazir, Fasil Ali, **Showkat Ahmad Ganie**. Determination of *In Vitro* Antioxidant and Radical Scavenging Activities of *Alcea rosea*. *Annals of R.S.C.B.* 2021, 25(7): 1580-1587.  
<http://annalsofrscb.ro/index.php/journal/article/view/10574>

75. A. Ali, **S.A. Ganie**, M. R. Mir, S.B. Ahmad, R. R. Bhat, B. A. Mir. Risk factors associated with subclinical mastitis in dairy cows reared in district Ganderbal, Jammu and Kashmir. *Journal of Veterinary and Animal Sciences*. 2021; 52(4): 418-422.  
<https://www.jvas.in/article/risk-factors-associated-with-subclinical-mastitis-in-dairy-cows-reared-in-district-ganderbal-jammu-and-kashmir/>

76. Aarif Ali, Irfan Maqbool Sheikh, Aadil Ayaz, Manzoor ur Rahman Mir and **Showkat Ahmad Ganie**. Ability of Diagnostic Tests to Predict Subclinical Mastitis and Intramammary Infections in Quarters from Lactating Dairy Cows. *Research Journal of Agricultural Sciences*. 2021, 12(6): 1982–1986.  
<https://www.sciencedirect.com/science/article/pii/S2214750018307820>

77. Ishfaq Shafi Khan, Niamat Ali, Rabia Hamid, Showkat Ahmad Ganie. Genotoxic effect of two commonly used food dyes metanil yellow and carmoisine using *Allium cepa* L. as indicator. *Toxicology Reports*. 2020, 7: 370–375.

<https://www.sciencedirect.com/science/article/pii/S2214750018307820>

78. Shafaquat Nabi, Syed Tanveer and Showkat Ahmad Ganie. Occurrence of Helminth Parasites in Schizothorax plagiostomus and Cyprinus carpio communis from Nallah Sukhnag, Kashmir. *International journal of Zoological Research*. 2020, 16 (2): 79-86.

<https://scialert.net/fulltext/?doi=ijzr.2020.79.86#:~:text=This%20study%20showed%20that%20S,sex%20and%20size%20of%20fish>

79. Aunjun Reyaz Shah, Vinod Singh Gour, SL Kothari, Paras Sharma, Khalid Bashir Dar, **Showkat Ahmad Ganie**. Antioxidant, Nutritional, Structural, Thermal and Physico-Chemical Properties of Psyllium (Plantago Ovata) Seeds. *Current Research in Nutrition and Food Science*. 2020, 8; 727-743.

<https://www.foodandnutritionjournal.org/volume8number3/antioxidant-nutritional-structural-thermal-and-physico-chemical-properties-of-psyllium-plantago-ovata-seeds/>