

CURRICULUM VITAE

PERSONAL DATA

| | |
|--------------------|-------------------------|
| Name | Anis Ahmad Chaudhary |
| Nationality | Indian |
| Position | Associate Professor |
| E-Mail | aachuahary@imamu.edu.sa |
| Phone | 0504335786 |

EDUCATION

| Year | Academic Degree | Institution |
|-------------|------------------------|--|
| 2012 | Ph.D | Jamia Hamdard, New Delhi, India |
| 2005 | M.Sc. (Biotechnology) | Jamia Millia Islamia, New Delhi, India |
| 2001 | B.Sc. (Bioscience) | CCS University, UP, India |
| | | |

WORK EXPERIENCE

| Period | Position | Address |
|----------------------------|-----------------------|--|
| 22Oct. 2013- 20Sep.2020 | Assistantat Professor | College of Medicine, Imam Mohammad Ibn Saud Islamic University |
| 6Aug.2012- 15Aug.2013 | Young Scientist | Department of Biosciences, Jamia Millia Islamia, New Delhi, India |
| | | |
| | | |

RESEARCH INTERESTS

Molecular Biology, Nano Drug Delivery and Alternative Medicine

PUBLICATIONS

1. Pramanik A, **Chaudhary AA**, Sinha A, Chaubey KK, Ashraf MS, Basher NS (2023). Nanocatalyst-Based Biofuel Generation: An Update, Challenges and Future Possibilities. *Sustainability* 15 (7), 6180.
2. Khan N, Kalam MA, Alam MT, Haq SAU, Showket W, Dar ZA, Rafiq N **Chaudhary AA**, al. (2023) Drug Standardization through Pharmacognostic Approaches and Estimation of Anticancer Potential of Chamomile (*Matricaria chamomilla L.*) using Prostate. *Journal of Cancer* 14 (3), 490-504.
3. Datten B, **Chaudhary AA**, Sharma S, Singh L, Rawat KD, Ashraf MS (2023) An Extensive Examination of the Warning Signs, Symptoms, Diagnosis, Available Therapies, and Prognosis for Lumpy Skin Disease. *Viruses* 2023, 15, 604.
4. Ahmad A, Rashid S, **Chaudhary AA**, Alawam AS, Alghonaim MI, Raza SS, Khan R (2023). Nanomedicine as potential cancer therapy via targeting dysregulated transcription factors. *Seminars in Cancer Biology* 89: 38–60
5. Chatterjee B, Sarkar M, Bose S, Alam MT, **Chaudhary AA**, Dixit AK, Tripathi PP, Srivastava AK (2023). MicroRNAs: Key modulators of inflammation-associated diseases. *Seminars in Cell and Developmental Biology* xxx (xxxx) xxx.
6. Imran M, Gowd V, Saha P, Rashid S, **Chaudhary AA**, Yousry MA, Alawam AS, Khan R (2023). Biologically inspired stealth - Camouflaged strategies in nanotechnology for the improved therapies in various diseases. *International Journal of Pharmaceutics*. 631:122407.
7. Kumar V, Yasmeen N, **Chaudhary AA**, Alawam AS, Zharani MA, (2023) Specialized pro-resolving lipid mediators regulate inflammatory macrophages: A paradigm shift from antibiotics to immunotherapy for mitigating COVID-19 pandemic. *Frontiers in Molecular Biosciences* 10.
8. Ali N, Zehra Z, Shamsi A, Beg MA, Parray ZA, Israil, Imam MA, Gaur NA, Hassan MI, **Chaudhary AA**, Rudayni HA, Alghonaim MI, Alsalamah SA, Islam A (2022). Elucidating the Role of Santalol as a Potent Inhibitor of Tyrosinase: In Vitro and In Silico Approaches. *Molecules* 27: 8915.
9. Sharma H, Ilyas A, Chowdhury A, Poddar NK, **Chaudhary AA**, Shilbayeh SAR, Ibrahim AA, Khan S (2022). Does COVID-19 lockdowns have impacted on global dengue burden? A special focus to India. *BMC Public Health* 22:1402.
10. Ali N, Zehra Z, Shamsi A, Beg MA, Parray ZA, Israil, Imam MA, Gaur NA, Hassan MI, **Chaudhary AA**, Rudayni HA, Alghonaim MI, Alsalamah SA, Islam A (2022). Elucidating the Role of Santalol as a Potent Inhibitor of Tyrosinase: In Vitro and In Silico Approaches. *Molecules* 27: 8915.
11. Imran M, **Chaudhary AA**, Ahmed S, Alam MM, Khan A, Zouli N, Hakami J, Rudayni HA, Khan SD (2022). Iron Oxide Nanoparticle-Based Ferro-Nanofluids for Advanced Technological Applications. *Molecules* 27:7931.
12. Chakraborty J, **Chaudhary AA**, Khan S, Rudayni HA, Rahaman SM, Sarkar H (2022) CRISPR/Cas-Based Biosensor as a New Age Detection Method for Pathogenic Bacteria. *ACS Omega* 7(44):1-19.
13. Imran M, Ahmed S, Abdullah AZ, Hakami J, **Chaudhary AA**, Rudayni HA, Khan S, Khan A (2022) Nanostructured Materials Based Optical and Electrochemical Detection of Amoxicillin Antibiotic. Luminescence.
14. Imran M, **Chaudhary AA**, Ahmed S, Alam MM, Khan A, Zouli N, Hakami J, Rudayni HA, Khan S (2022) Iron Oxide Nanoparticle-Based Ferro-Nanofluids for Advanced Technological Applications. *Molecules* 27(22):7931.
15. Imran M, Gowd V, Saha P, Rashid S, **Chaudhary AA**, Mohamed MYA, Alawam AS, Khan R (2022) Biologically inspired stealth-camouflaged strategies in nanotechnology for the improved therapies in various diseases. *International Journal of Pharmaceutics*. 122407.

16. Ali MAM, Halim ASA, Rudayni HA, **Chaudhary AA** (2022). MicroRNAs: Small molecules with big impacts in liver injury. *Journal of Cellular Physiology*. 1-38.
17. Taqiullah SM, Alshahrani T, Shariq M, Hakami, J Ahmad N, Alshehri AM, **Chaudhary AA**, Khan MS, Shinde SM, Slimani Y, Ansari AR, Siddiqui MA, Imran M, Khan F (2022). Utilization of infrared, Raman spectroscopy for structural analysis of alkali boro-germanate glasses. *Journal of Taibah University for Science* 16(1):820-827.
18. Sharma H, Ilyas A, Chowdhury A, Poddar NK, **Chaudhary AA**, Shilbayeh SA, Ibrahim AA, Khan S (2022) Does COVID-19 lockdowns have impacted on global dengue burden? A special focus to India. *BMC Public Health* 22(1):1-23.
19. Kumar A, Ahmad A, Ansari MM, Gowd V, Rashid S, **Chaudhary AA**, Rudayni HA, Alsalamah SA (2022) Functionalized-DNA Nanostructures as Potential Targeted Drug Delivery Systems for Cancer Therapy. *Seminars in Cancer Biology*
20. Elhaj E, Wang H, Imran M, Hegazi SE, Hassan M, Eldoma MA, Hakami J, Wani WA, **Chaudhary AA** (2022) Nanocatalyst-Assisted Facile One-Pot Synthesis of Glycidol from Glycerol and Dimethyl Carbonate. *ACS omega*
21. Khan AH, Rudayni HA, **Chaudhary AA**, Imran M, Vambol S (2022) Modern use of modified Sequencing Batch Reactor in wastewater Treatment. *Ecological Questions* 33 (4), 1-23
22. Prasad S, Saha P, Chatterjee B, **Chaudhary AA**, Lall R, Srivastava AK (2022) Complexity of Tumor Microenvironment: Therapeutic Role of Curcumin and Its Metabolites, *Nutrition and Cancer*, 1-13.
23. Gowd V, Jori C, **Chaudhary AA**, Rudayni HA, Khan R (2022) Resveratrol and resveratrol nano-delivery systems in the treatment of inflammatory bowel disease *The Journal of Nutritional Biochemistry*, 109101.
24. Rudayni HA, **Chaudhary AA**, Taweel GM, Shariq M, Imran M (2022) Hydrothermal synthesis of CeO₂ nanoparticles and its application in electrochemical detection of nitrofurantoin antibiotics. *Europhysics Letters* 137 (6), 66005
25. Naqvi HR, Mutreja G, Shakeel A, Singh K, Abbas K, Naqvi DF, **Chaudhary AA**, Siddiqui MA, Gautam AS, Gautam S, Naqvi AR (2022). Wildfire-Induced Pollution and its Short-Term Impact on COVID-19 Cases and Mortality in California. *Gondwana Research* 1-10.
26. Gilhotra UK, Kumar V, Lakhawat SS, Kumar S, **Chaudhary AA**, Rudayni HA, Al-Zahrani M (2022). Rapid biogenic fabrication of silver nanoparticles using *Ziziphus nummularia* under optimised conditions and evaluation of their antimicrobial synergy. *Digest Journal of Nanomaterials and Biostructures* 17(2): 421-430
27. Rudayni HA, **Chaudhary AA**, Taweel GMA, Shariq M, Imran M (2022). Hydrothermal synthesis of CeO₂ nanoparticles and its application in electrochemical detection of nitrofurantoin antibiotics. *Europhysics Letters*.
28. Ahmed S, Ansari A, Haidyrah AS, **Chaudhary AA**, Imran M, Khan A (2022). Hierarchical Molecularly Imprinted Inverse Opal-Based Platforms for Highly Selective and Sensitive Determination of Histamine. *ACS Applied Polymer Materials* XXX.
29. Waseem R, Shamsi A, Mohammad T, Hassan MI, Kazim SN, **Chaudhary AA**, Rudayni HA, Zharani M, Ahmad F, Islam A (2022). FNDC5/Irisin: Physiology and Pathophysiology. *Molecules* 27(3): 1118.

30. **Chaudhary AA** (2022). Evaluation and Quantification of Resistant Gene in Antibiotic Resistant ESBL Producing *E. coli* in UTI Samples with Diabetes Mellitus: A Molecular Study. *Journal of Pharmaceutical Research International* 34(7): 48-60.
31. Kumar M, Yadav R, Gaikwad KB, Babu P, Bainsla NK, Dharmateja P, **Chaudhary AA**, Ansari A (2022). Deciphering the environmental impact on spike architectural traits for grain yield consolidation in bread wheat (*T. aestivum* L.). *Saudi Journal of Biological Sciences* 29(4): 2800-2810.
32. Ranade H, Paliwal P, **Chaudhary AA**, Piplani S, Rudayni HA, Zharani M, Niraj RA, Datta M (2021). Predicting Diagnostic Potential of Cathepsin in Epithelial Ovarian Cancer: A Design Validated by Computational, Biophysical and Electrochemical Data. *Biomolecules* 12(1): 53.
33. Luo XM, Khan S, Malik A, Aldakheel FM, **Chaudhary AA**, Bazarbashi S, Tabatabaie F (2021). Calcium supplementation in colorectal cancer prevention: A systematic meta-analysis of adverse events. *Bicell* 46(3):759.
34. Sowjanya M, Shariq M, Pilli SR, Khan MS, Alharbi T, **Chaudhary AA**, Pamu D, Chowdharuy D, Fathy AM, Slimani Y, Imran M (2021). Impact of Ar: O₂ gas flow ratios on microstructure and optical characteristics of CeO₂-doped ZnO thin films by magnetron sputtering. *Europysics Letters* 135(6):67003.
35. Arya I, Poona A, Dikshit PK, Pandit S, Kumar J, Singh HN, Jha NK, Rudayni HA, **Chaudhary AA**, Kumar S. (2021). Current Trends and Future Prospects of Nanotechnology in Biofuel Production Catalysts; 11(11):1308.
36. Li Y, Khan S, **Chaudhary AA**, Rudayni HA, Malik A, Shag A (2021). Proteome-wide screening for the analysis of protein targeting of *Chlamydia pneumoniae* in endoplasmic reticulum of host cells and their possible implication in lung cancer . *Bicell* 46(1); 87-95.
37. Naqvi HR, Mutreja G, Hashim M, Singh A, Nawazuzzoha M, Naqvi DF, Siddiqui MA, Shakeel A, **Chaudhary AA**, Naqvi AR (2021). Global assessment of tropospheric and ground air pollutants and its correlation with COVID-19. *Atmospheric pollution research* 12(9); 101172.
38. Ayad BS, Faisala AH, Najia LA, **Chaudhary AA** (2021). Removal of ammoniacal nitrogen from contaminated groundwater using waste foundry sand in the permeable reactive barrier. *Desalination and Water Treatment* 230; 227-239.
39. Malik A, Aldakheel F, Rabbani S, Alshehri M, **Chaudhary AA**, Alkholief M, Alshamsan M (2021). LCR based quick detection of hotspot G1896A mutation in patients with different spectrum of hepatitis B. *Journal of Infection and Public Health* 15(5); 651-654.
40. Basher NS, Malik A, **Chaudhary AA**, Rudayni HA, Alkholief M, Alshamsan A. (2021). Deleterious effect of angiotensin-converting enzyme gene polymorphism in vitiligo patients. *Saudi Journal of Biological Sciences*.
41. Saha P, Bose S, Srivastava AK, **Chaudhary AA**, Lall R, Prasad S (2021). Jeopardy of COVID-19: Rechecking the Perks of Phytotherapeutic Interventions. *Molecules* 26(22); 6783.
42. Wang Y, Imran M, Shami A, **Chaudhary AA**, Khan S (2021). Decipher the *Helicobacter pylori* Protein Targeting in the Nucleus of Host Cell and their Implications in Gallbladder Cancer: An insilico approach. *Journal of Cancer*; 12 (23):7214.

43. Tomar V, Dhillon GS, Singh D, Singh RP, Poland P, **Chaudhary AA**, Bhati PK, Joshi AK, Kumar U (2021). Evaluations of genomic prediction and identification of new loci for resistance to stripe rust disease in wheat (*Triticum aestivum* L.). *Frontiers in genetics* 12.
44. Yang X, Siddique A, Khan AA, Wang Q, Malik A, Jan AT, Rudayni HA, **Chaudhary AA**, Khan S (2021) Chlamydia Trachomatis Infection: Their potential implication in the Etiology of Cervical Cancer. *Journal of Cancer*, 12(16):4891-4900.
45. Jianhua Li, Zakariah M, Malik A, Ola MS, Syed R, **Chaudhary AA**, Khan S (2020). Analysis of Salmonella typhimurium Protein-Targeting in the Nucleus of Host Cells and the Implications in Colon Cancer: An in-silico Approach. *Infection and Drug Resistance* 2020:13 2433–2442. (IF-3.52) (1178-6973) **(Point 20; M.06)**
46. Ahamad T, Ruksana, **Chaudhary AA**, Naushad M, Alshehri SM (2019). Fabrication of $MnFe_2O_4$ nanoparticles embedded chitosan-diphenylureaformaldehyde resin for the removal of tetracycline from aqueous solution. *International Journal of Biological Macromolecules* 134:180-188. **(IF-3.90)** (0141-8130). **(Point 20; M. 06)**
47. Khan S, Ansari AA, Malik A, **Chaudhary AA**, Syed JB, Khan AA (2019). Preparation, characterizations and in vitro cytotoxic activity of nickel oxide nanoparticles on HT-29 and SW620 colon cancer cell lines. *Journal of Trace Elements in Medicine and Biology*. 52: 12-17. (IF-3.75) (0946-672X) **(Point 20; M. 06)**
48. Trivedi VB, **Chaudhary AA**, Pandya KG, Dalai SK, Trivedi HL (2019). Incidence of BK virus infection in renal transplant. *International Journal of Biology, Pharmacy and Applied Sciences* 8(2): 125.
49. Trivedi VB, **Chaudhary AA**, Dalai SK, Trivedi HL (2018). *Denovo* HLA DQ antibodies in renal transplantation. *European Journal of Biomedical and Pharmaceutical Science* 5(11):532-536.
50. Fareed M, Mahmoud MA, **Chaudhary AA**, Azzi A, Mutairi SA, Shareef SH, Wusaidi KM, Khudair MR, Nasar I, GADIR EA, Abdulkareem K (2019). Life style and dietary patterns among type 2 diabetes mellitus adult patients: A case control study in Riyadh, Saudi Arabia. *International Journal of Biology, Pharmacy and Applied Sciences* 8(1): 119-131.
51. **Chaudhary AA**, Fareed M, Malik A, Khamees OA (2018). Molecular Characterization of Resistance to ESBL Producing *E. coli* and Development of LAMP Assay against the Microbes for UTIs Patients. *International Journal of Medical Research & Health Sciences* 7(9):112-119.
52. Zakariah M, Khan S, **Chaudhary AA**, Rolfo C, Ismail MM, Alotaibi YA (2018). To Decipher the Mycoplasma hominis Proteins Targeting into the Endoplasmic Reticulum and Their Implications in Prostate Cancer Etiology Using Next-Generation Sequencing Data. *Molecules* 23:982-994.
53. Khan S, Ahmad I, Malik A, **Chaudhary AA**, Rub A, Jan AT, Syed JB, Rolfo C (2018). Bacterial imbalance and gut pathologies: Association and contribution of *E. coli* in inflammatory bowel disease. *Critical Reviews in Clinical Laboratory Sciences* 29:1-17.
54. Khan S, Ansari AA, Malik A, **Chaudhary AA**, Syed JB, Khan AA (2018). Preparation, characterizations and in vitro cytotoxic activity of nickel oxide nanoparticles on HT-29 and SW620 colon cancer cell lines. *Journal of Trace Elements in Medicine and Biology* 52(2019):12-17.

55. Salam N, Mustafa S, Hapiz A, **Chaudhary AA**, Deebea F, Parveen S (2018). Global prevalence and distribution of co-infection of malaria, dengue and chikungunya: a systematic review. *BMC Public Health* 18:710.
56. **Chaudhary AA** (2017). Urinary Tract Infections Caused by ESBL Producing *E . coli* in Diabetes Mellitus: Alternative Approaches for Treatment and Management. *International Journal of Pharmacy and Pharmaceutical Research* 11(2):199-132.
57. Enizi AM, Ahamad T, Hajji AB, Ahmed J, **Chaudhary AA**, Shehri SM (2017). Cellulose gum and copper nanoparticles based hydrogel as antimicrobial agents against urinary tract infection (UTI) pathogens. *International Journal of Biological Macromolecules*, 8130 (17): 32575-8.
58. Sanad S, **Chaudhary AA**, Hawas S, Ubied A, Khamees O (2017). Saudi Medical Students' Attitudes toward Complementary & Alternative Medicine (CAM) and Practicing Integrative Medicine (IM). *International Journal Pharmaceutical Science Review and Research*, 45(1): 250-256.
59. Malik a, Kumar d, Khan AA, Khan AA, **Chaudhary AA**, Husain SA, Kar P (2016). Hepatitis B virus precore G1896A mutation in chronic liver disease patients with HBeAg negative serology from North India. *Saudi Journal of Biological Sciences* xxx, xxx-xxx.
60. Shehri SM, Lohedan HA, **Chaudhary AA**, Farraj E, Hokbany N, Issa Z, Housine S, Ahamad T(2016). Delivery of ibuprofen by natural macroporous sporopollenin exine capsules extracted from *Phoenix dactylifera* L. *European Journal of Pharmaceutical Sciences* xxx: xxx-xxx.
61. Alshehri SM, Lohedan HA, Farraj E, Hokbany N, **Chaudhary AA**, Ahamad T (2016). Macroporous natural capsules extracted from *Phoenix dactylifera* L. spore and their application in oral drugs delivery. *International Journal of Pharmaceutics* 504 :39-47.
62. Alshehri SM, Aldalbahi A, Al-hajji AB, **Chaudhary AA**, Panhuis M, Alhokbany N, Ahamad T (2015). Development of carboxymethyl cellulose-based hydrogel and nanosilver composite as antimicrobial agents for UTI pathogens. *Carbohydrate Polymers* 138 (2016) 229:236.
63. Shaqha WM, Khan M, Salam N, Azzi A, **Chaudhary AA** (2015). Anti-diabetic potential of *Catbaranthus roseus* Linn. and its effect on the glucose transport gene (GLUT-2 and GLUT-4) in streptozotocin induced diabetic wistar rats. *BMC Complementary and Alternative Medicine* 15:379.
64. Shaqha WM, Fareed M, **Chaudhary AA**, Azzi A, Shaqha MW, Salam N (2016). Immunopathogenesis and epidemiology of Middle East Respiratory Syndrome Coronavirus. *Journal of Applied Medical Sciences* 5(1):53-64.
65. Shaqha WM, Khan M, Azzi A, **Chaudhary AA** (2015). Application and Cost-Effectiveness of LAMP (Loop-Mediated Isothermal Amplification) technology for authentication of medicinal plants *Podophyllum Hexandrum* Royle. *International Journal of Pharmaceutical Science and Research* 6(5): 2035-2041.
66. Shaqha WM, Khan M, **Chaudhary AA** (2014). SCAR Molecular Markers for identification and authentication of medicinal plants *Podophyllum Hexandrum* Royle. *Asian Journal of Biochemical and Pharmaceutical Research* 4 (4): 66-75.
67. Shaqha WM, Janabi FA, **Chaudhary AA**, Kharfy KM (2014). Insulin prescribing practices in Saudi Arabia. *World Journal of Pharmacy and Pharmaceutical Sciences* 4 (2): 29-40.

68. **Chaudhary AA**, Khan M, Shaqha WM, Alharbi M, Khamees OA (2014). Rapid and easy molecular authentication of medicinal plant *Zingiber officinale* Roscoe by loop-mediated isothermal amplification (LAMP)-based marker. *Journal of Medicinal Plants Research*. **8(24)**: 756-762.
69. **Chaudhary AA**, Khan M, Ansari S, Chauhan V (2014). Phytochemical screening and antibacterial efficacy of *Ficus benghalensis* using in vitro models. *International Journal of Pharmaceutical Sciences Review and Research* **24(2)**: 276-279.
70. **Chaudhary AA**, Chauhan V, Ansari S, Khan M (2014). In vitro antimicrobial potential of *coriandrum sativum* against pathogenic microorganisms. *International Journal of Advanced Research* **2(1)**:208-211.
71. Abraham G, Pandey N, Mishra V, **Chaudhary AA**, Ahmad A, Singh R, Singh PK (2013). Development of SCAR based molecular marker for identification of different species of *Azolla*. *Indian Journal of Biotechnology* **12**:489-492.
72. Ashraf K, Ahmad A, **Chaudhary AA**, Mujeeb M, Ahmad S, Amir M, Mallick N (2013). Genetic diversity analysis of *Zingiber Officinale* Roscoe by RAPD collected from subcontinent of India. *Saudi Journal of Biological Sciences* doi.org/10.1016/j.sjbs.2013.09.005.
73. Asif M, Ganie SH, Yadav D, Ahmad A, **Chaudhary AA** (2013). Authentication of traditional crop Kalongi (*Nigella sativa* L.) by LAMP marker. *Indian Journal of Research in Pharmacy and Biotechnology* **6(1)**: 765-771.
74. **Chaudhary AA**, Yadav D, Hemant, Jamil SS, Asif M. (2012). Real Time Sequence Characterized Amplified Region (RT-SCAR) marker -Development and its application for authentication and quantification of *Catharanthus roseus* L. Don. *Journal of Medicinal Plants Research*. **6(32)** 4748-4754.
75. Yadav D, **Chaudhary AA**, Garg V, Anwar MF, Rahman MM, Jamil SS, Khan HA, Asif M. (2012) In vitro toxicity and antidiabetic activity of a newly developed polyherbal formulation (MAC-ST/001) in streptozotocin-induced diabetic Wistar rats. *Protoplasma* DOI 10.1007/s00709-012-0458-7.
76. **Chaudhary AA**, Dhar U, Ahmad A, Bhatt ID, Jugran A, Kaur G. (2012). Analysis of genetic diversity in *Hedychium spicatum* Buch. Ham. Ex. D. Don in Himalaya, India. *Journal of Medicinal Plants Research*. **6(23)**: 3984-3991.
77. Yadav A, Ahmad J, **Chaudhary AA**, Ahmad A. (2012). Development of Sequence Characterized Amplification Region (SCAR) Marker for Authentication of *Bacopa monnieri* (L.) Wettst. *European Journal of Medicinal Plants*. **2(3)**: 186-198.
78. Wadhwa A, Iqbal M, **Chaudhary AA**, Ahmad A (2012). Role of Sulphur Metabolites in the regulation of uptake of Sulphate in *Arabidopsis thaliana*. *International Journal of Agriculture Science*. **3(2)**: 197-204.
79. Yadav D, Suri S, **Chaudhary AA**, Hemant, Beg NM, Garg V, Asif M, Ahmad A (2012). Stimuli Responsive Polymeric Nanoparticles in Regulated Drug Delivery for Cancer. *Polish Journal of Chemical technology*. **14(1)**: 57-64.
80. **Choudhary AA**, Hemant, Khan M, Ahmad A (2011). Application of **LAMP** (Loop Mediated Isothermal Amplification)-based technology for authentication of *Catharanthus roseus* L. Don. *Protoplasma* **249**: 417-422.
81. Yadav D, Suri S, **Choudhary AA**, Sikender M, Hemant, Nadeem M, Garg V, Ahmad A, Asif M (2011). A Novel Approach: Herbal Remedies and Natural Products in Pharmaceutical Science as Nano Drug Delivery Systems. *International Journal of Pharmacy and Technology* **3**: 3092-3116.

82. Medhi S, Potukuchi SK, Polipalli SK, Swargiary SS, Deka P, **Choudhary A**, Begum N, Hussain Z, Ahlawat RS, Kar P (2008). Diagnostic utility of hepatitis C virus core antigen in hemodialysis patients. *Journal of Clinical Biochemistry* **41(7-8)**: 447-52.