

## **Curriculum Vitae**

**Mohammad Javed Ansari, Ph.D.**

Assistant Professor, Department of Plant Protection

College of Food and Agricultural Sciences

King Saud University Riyadh, Saudi Arabia

P O Box- 51178

Phone- +966-594943252 (KSA)

+91-9359436433 (India)

[mjavedansari@gmail.com](mailto:mjavedansari@gmail.com)

[jansari@ksu.edu.sa](mailto:jansari@ksu.edu.sa)



<http://fac.ksu.edu.sa/jansari>

<http://www.researcherid.com/rid/E-9303-2014>

<http://orcid.org/0000-0002-8718-3078>

## **EDUCATION**

*Indian institute of Technology Roorkee, Roorkee, India*

**Ph.D. in Biotechnology**, 2010, Area of specialization: Plant Molecular Biology

Thesis: *Mapping and Characterization of Dwarf, Soft glume and Brittle culm mutants in Diploid Wheat*, Advisor: Professor H. S. Dhaliwal (Date of Registration: 27/07/2004; Date of Submission: 11/02/2010; Date of Awards: 13/11/2010)

*Ch. Charan Singh University Meerut, Meerut, India*

**M.Sc. in Botany (Gold Medalist)**, 2000, Concentration in Microbiology & Biochemistry

B.Sc. in Biological Sciences, 1998, with honors

## **AWARDS AND HONORS**

CSIR Senior Research Fellowship, 2006-2007

CSIR Junior Research Fellowship, 2003-2005

Gold Medal to secure highest marks in M.Sc. Class

## **RESEARCH EXPERIENCE**

**Postdoctoral Research:** Department of Plant Protection, College of Food & Agricultural Sciences, King Saud University Riyadh, KSA, 2010-Present (research advisor: Prof. Ahmad Al-Ghamdi)

- Establish the geographical and botanical authenticity of the major honeys produced in Saudi Arabia.
- Determine the authenticity of production, using physicochemical analyses, of major honeys produced in Saudi Arabia in comparison with imported honeys.
- Compare residual levels of pesticides and antibiotics in Saudi Arabian honeys with common MRLs, and determine a safe level for consumers.
- Characterization of functional properties, including antioxidant activity, antiradical characteristics and antimicrobial properties of honey.
- *In Vitro* study of effect of Honey and Propolis on *Candida albicans* biofilms.

- Antagonistic activity of some essential plant oil against *P. larvae* and *Ascosphaera apis*.
- Investigation of the microbial communities associated with *A. m. jemenitica* and *A. m. carnica* colonies over several seasons and different geographical locations using metagenomics.
- Investigation of the effects of antibiotics, fumagillin and supplementary feeding (HFCS) on gut microbiota and disease tolerance.
- Isolation, characterization and selection of newly identified bacteria including *Lactobacillus* and *Bifidobacterium*, due to their probiotic properties.

**Doctoral Research:** Department of Biotechnology, Indian Institute of Technology Roorkee, 2004-2010 (research advisor: Prof. H.S. Dhaliwal)

- Molecular Mapping and Characterization of Dwarf, Soft glume and Brittle culm mutants in Diploid Wheat (Ph.D. Thesis)
- Development of Diploid Wheat Deletion Lines for Reverse Genetics
- Development of TILLING population in diploid wheat
- Molecular, Biochemical and Histological Characterization of EMS induced diploid wheat mutants

**Undergraduate Research:** Department of Botany, M.S. College, C.C.S. University Meerut, 1998-2000 (research advisor; Dr. S. K. Upadhaya)

- Antimicrobial activity of some plant essential oils against antibiotic resistance human pathogens.

## RESEARCH INTEREST

- Assessing beneficial bacteria in the indigenous honeybee (*Apis mellifera jemenitica*) of Saudi Arabia and their potential role in honey bee health using microbiological and molecular biology approaches.
- *In vitro* and *in vivo* study of honeybee products against some pathogens.
- Plant breeding, genomics and molecular biology of crop plants.
- Biochemical characterization of honeybee products using HPLC and GC-MS

## EXPERIMENTAL SKILLS

- **Instrumentations:** Used HPLC, GC, GC-MS, UV-Visible, Fluorescence Microscope, SEM-EDX, Transmission Electron Microscopy, Confocal microscopy, FTIR, NMR, AFM, PCR, RT-PCR, Gel Doc. etc.
- ***In Vitro*** Micropropagation of medicinal plants and various Tissue Culture techniques.
- ***In Vitro*** Antimicrobial activity of plant essential oils and honeybee products.
- **Screening of Chemical Constituents:** To screen chemical constituents from herbal plants and bee products by studying their effects using various physiological, biochemical & molecular parameters
- **Biochemistry:** Used various biochemical tests for identification & quantification of carbohydrates mainly cellulose, lignin and monosaccharide's, lipids, proteins & nucleic acids in biological samples. Protein isolation, Used Ion exchange chromatography, Size exclusion chromatography, spectrophotometric assay of enzymes etc. UV-visible Spectroscopy, micronutrient analysis (AAS and ICPMS),
- **Histochemical & Immunohistochemical Studies:** Preparing & staining/tagging microtomical sections with double stains. Cytology, GISH, FISH.

- **Molecular Biology:** DNA and RNA isolation, PCR and molecular markers, PAGE, SDS PAGE, Gene cloning, Programmes QTL mapping software's including QTL-CARTOGRAPHER, MAPMANAGER and N-QTL. Practical and experimental knowledge of MAPMAKER, Multiple Sequence alignment program: CLUSTAL-W, Phylogenetic Analysis software: Phylip, searching for similarity sequences in Databases: The Basic Local Alignment Search Tool, Primer designing etc.
- **Field Practice:** Various Agricultural and Plant Breeding practice mainly in wheat and rice, Emasculation, Pollination, Development of Segregating Population, Recording Morphological Data of Segregating Population etc.
- **Additional experience:** Real time PCR, Tail PCR, Reverse transcriptase PCR, Microarray, RNAi.

### TEACHING EXPERIENCE

- Appointed for the post of Assistant Professor (Research) in Department of Plant Protection, King Saud University Riyadh, Saudi Arabia. Dated 14-07-2010- Continue.
- Appointed for the post of Lecturer in Department of Botany, M.S. (P.G.) College, Saharanpur (RajagyaSankhya 467/1(Seventy)-2-96-3(9) T.C. Dated 07-04-1998 by Director (Higher Education) U.P. Allahabad, 18-11-2002 to 15-02-2003
- Appointed for the post of temporary tutor for M.Sc. Classes, Department of Botany, M.S. (P.G.) College, Saharanpur. This appointment was by C.C.S. University Meerut No. Aff/1622 dt. 18-10-2002, 17-08-2002 to 17-11-2002
- Appointed for the post of temporary tutor in Department of Botany at J.V (P.G) College Baraut, Distt. Baghpat, July 2000 to March 2001
- Appointed as faculty of Botany in ASTHA CLASSES, A premier Institute for Medical Coaching in Saharanpur during the period 2001-2003

### PROFESSIONAL TRAINING

- Attended **Second Bioinformatics research scientific meeting at King Saud University (BioSM-KSU)** on May 4<sup>th</sup>, 2015 Riyadh, KSA
- Attended the workshop on “**Honey plants and honey production under the dry environment conditions**” at Department of Plant Protection, King Saud University Riyadh, Saudi Arabia on 16<sup>th</sup> march 2015.
- Attended **First Bioinformatics research scientific meeting at King Saud University (BioSM-KSU)** on May 4<sup>th</sup>, 2014 Riyadh, KSA
- Attended workshop and training course on “**Genomics and Bioinformatics of insect vectors of infectious diseases**” at Department of Plant Protection, King Saud University Riyadh, 24<sup>th</sup> – 27<sup>th</sup> march, 2014.
- Attended workshop and training course on “**Proboscis extension response conditioning of Honeybees**” organised by the Beekeeping and Bee Biodiversity Research Group, KSU and the Social insect research group, Arizona state University, USA at King Saud University Riyadh, 11<sup>th</sup> – 15<sup>th</sup> may, 2013.
- Attended workshop on “**Saudi Propolis as a source of anti-cancer drugs possibilities and challenges**” organised by National Plan for Science and Technology and King Saud University Riyadh, 19<sup>th</sup> -21<sup>st</sup> November, 2013.
- Attended training on “**Medical and Therapeutics uses of Bee products**”, King Saud University Riyadh, 26-27 April, 2011

- Attended Hands-on- Training on “**Applications of Polymerase Chain Reaction and DNA Sequencing**, 3-5 Octocer, 2007
- Worked on NSF (USA) funded project entitled “Development of Diploid Wheat Deletion Lines for Reverse Genetics. (Developing Country Collaboration in Plant Genome Research)” July 2004 to July 2006

#### FUNDED PROJECT

- **Principal Investigator** “Isolation and characterization of antimicrobial agents from Saudi Honey” Funding agency: King Abdulla aziz city of Science and Technology, Saudi Arabia, Project No.- 11-AGR1748-02, 2012 (**Completed**)
- **Principal Investigator** “Assessing beneficial bacteria in the indigenous honeybee (*Apis mellifera jemenitica*) of Saudi Arabia and their potential role in honey bee health. Funding agency: King Abdulla aziz city of Science and Technology, Saudi Arabia, Project No.- 13-AGR1438-02, 2014
- **Principal Investigator** “Development of novel RNA Interference based method to control *Varroa destructor* -A Highly Damaging Pest of Managed honeybee colonies in the kingdom of Saudi Arabia. Funding agency: King Abdulla aziz city of Science and Technology, Saudi Arabia, Project No.- 14-BIO1453-02, 2014
- **Co-Investigator** “Investigating the responses of local bee race (*Apis mellifera jemenetica*) towards mass queen rearing and instrumental insemination techniques” Funding agency: King Abdulla aziz city of Science and Technology, Saudi Arabia, Project No.- 14-AGR1357-02, 2014
- **Co-Investigator** “Pre-adaptation of the native Bee Race *Apis m. Jemenetica* to *Varroa* Mite *Varroa destructor*” Funding agency: King Abdulla aziz city of Science and Technology, Saudi Arabia, Project No.- 11-BIO1743-02, 2012
- **Co-Investigator** “Determination of authenticity of honey in Saudi Arabia” Funding agency: King Abdulla aziz city of Science and Technology, Saudi Arabia, Project No.- 11-AGR2083-02, 2012

#### OTHER QUALIFICATIONS

- Qualified national level CSIR JRF examination, July, 2003, conducted by ‘Council of Scientific & Industrial Research, Govt. of India.
- Qualified national level CSIR NET examination, Dec., 2002, conducted by ‘Council of Scientific & Industrial Research, Govt. of India.
- Completed one semester Elementary German Language course run by the Department of Humanities & Social Sciences at IIT Roorkee.

#### PROFESSIONAL SOCIETIES

- Member of International Honey Commission
- Member: COLOSS: Honeybee Research Association
- American Society for Microbiology (ASM)
- Saudi Biological Society

#### INTERNATIONAL PUBLICATIONS

- **Ansari, M.J\***, Al-Ghamdi, A., Khan, K.A., Adgaba, N., El-Ahmady, S.H., Gad, H.A., Roshan, A., Meo, S.A. and Kolyali, S. (2017). Validation of botanical origins and geographical sources of some Saudi honeys using ultraviolet spectroscopy and chemometric analysis. **Saudi Journal of Biological Sciences**, [International, referred & indexed Journal. ISSN- 1319-562X, UGC

approved Journals Si. No.: 23833] (IF-2.564) <https://doi.org/10.1016/j.sjbs.2017.09.005> \*First author

- Attaullah, M., Yousuf, M.J., Shaukat, S., Anjum, S.I., Ansari, M.J., Boneri, I.D., Tahir, M., Amin, M., Ahmad, N. and Khan, S.U., (2017). Organochlorine Pesticides in Serum and risk of cancer: a case-control study. **Saudi Journal of Biological Sciences**, [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833] (IF-2.564) <https://doi.org/10.1016/j.sjbs.2017.09.005>
- Saeed, S., Bashir, M.A., Khan, K.A., Sajjad, A., Alvi, A.M., Atta, S. and Ansari, M.J. (2017) Assemblage of pollinator communities in four widely isolated nature reserves of southern Punjab, Pakistan. **Saudi Journal of Biological Sciences**, [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833] (IF-2.564) <https://doi.org/10.1016/j.sjbs.2017.10.007>
- Bashir, M.A., Alvi, A.M., Khan, K.A., Rehmani, M.I.A., Ansari, M.J., Atta, S., Ghramh, H.A., Batool, T. and Tariq, M., (2017) Role of pollination in yield and physicochemical properties of tomatoes (*Lycopersicon esculentum*). **Saudi Journal of Biological Sciences**, [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833] (IF-2.564) <https://doi.org/10.1016/j.sjbs.2017.10.006>
- Abrol, D.P., Gorka, A.K., Ansari, M.J\*, Al-Ghamdi, A. and Al-Kahtani, S. (2017). Impact of insect pollinators on yield and fruit quality of strawberry. **Saudi Journal of Biological Sciences**, [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833] (IF-2.564) <https://doi.org/10.1016/j.sjbs.2017.08.003> \*Corresponding Author
- Khan, S.U., Anjum, S.I., Rahman, K., Ansari, M.J., Khan, W.U., Kamal, S., Khattak, B., Muhammad, A. and Khan, H.U. (2017). Honey: single food stuff comprises many drugs. **Saudi Journal of Biological Sciences**, [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833] (IF-2.564) <https://doi.org/10.1016/j.sjbs.2017.08.004>
- Al-Ghamdi, A., Khan, K.A., Ansari, M.J\*, Almasaudi, S.B. and Al-Kahtani, S. (2017). Effect of gut bacterial isolates from *Apis mellifera jemenitica* on *Paenibacillus larvae* infected bee larvae. **Saudi Journal of Biological Sciences**, [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833] (IF-2.564) <https://doi.org/10.1016/j.sjbs.2017.07.005> \*Corresponding Author
- Buner, I.D., Yousuf, M., Attaullah, M., Afridi, S., Anjum, S.I., Rana, H., Ahmad, N., Amin, M., Tahir, M. and Ansari, M.J. (2017). A comparative toxic effect of *Cedrus deodara* oil on larval protein contents and its behavioral effect on larvae of mealworm beetle (*Tenebrio molitor*) (Coleoptera: Tenebrionidae). **Saudi Journal of Biological Sciences**, [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833] [doi:10.1016/j.sjbs.2017.06.005](https://doi.org/10.1016/j.sjbs.2017.06.005) (IF-2.564)
- Mohammed, S.E.A., Kabbashi, A.S., Koko, W.S., Ansari, M.J., Adgaba, N. and Al-Ghamdi, A. (2017). In vitro activity of some natural honeys against *Entamoeba histolytica* and *Giardia lamblia* trophozoites **Saudi Journal of Biological Sciences**, [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833] [10.1016/j.sjbs.2017.06.004](https://doi.org/10.1016/j.sjbs.2017.06.004) (IF-2.564)
- Al-Ghamdi, A., Mohammed, S.E.A., Ansari, M.J. and Adgaba, N. (2017). Comparison of physicochemical properties and effects of heating regimes on stored *Apis mellifera* and *Apis florea* honey. **Saudi Journal of Biological Sciences**, [International, referred & indexed Journal.



- Anjum, S.I., Shah, A.H., Aurongzeb, M., Kori, J., Azim, M.K., **Ansari, M.J\***, and Bin, L. (2017). Characterization of gut bacterial flora of *Apis mellifera* from north-west Pakistan. **Saudi Journal of Biological Sciences**, [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833] [10.1016/j.sjbs.2017.05.008](https://doi.org/10.1016/j.sjbs.2017.05.008) (IF-2.564) \*Corresponding Author
- Iqbal, J., Bhutta, S.A., Alqarni, A.S., Owayss, A.A. and **Ansari, M.J.** (2017). Seasonal population dynamics of dusky cotton bug (*Oxycarenus* spp.) in transgenic cotton varieties under field conditions. **Saudi Journal of Biological Sciences**, [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833] <https://doi.org/10.1016/j.sjbs.2017.05.004> (IF-2.564)
- Ayaad, T.H., Ahmed, A.M., Al-Ghamdi, M.S., Siddiqi, N.J., Al-Ghamdi, A.A., **Ansari, M.J.** and Mohamed, A.A. (2017) Histopathological Impact in the Larval Gut of the Local Honeybee, *Apis mellifera jemenitica*, Upon Infection with the American Foulbrood Bacterium, *Paenibacillus larvae*. **Indian J of Pharmaceutical Education and Research**. Vol. **51(1): 136-143**. [International, referred & indexed Journal. ISSN- 0019-5464, UGC approved Journals Si. No.:20842] DOI: 10.5530/ijper.51.2s.49 (IF-0.250)
- **Ansari, M.J\***, Al-Ghamdi, A., Nuru, A., Ahmed, A.M., Ayaad, T.H., Khan, K.A. and Al-Waili, N., (2017). Diagnosis and molecular detection of *Paenibacillus larvae*, the causative agent of American Foulbrood in honeybees in Saudi Arabia. **International Journal of Tropical Insect Science**, Vol. **37 (3):137-148**. [International, referred & indexed Journal. ISSN- 1742-7584, NAAS Rating-6.52, JrnID- I196; UGC approved Journals Si. No.: 7715] (IF-0.375) \*First and Corresponding Author
- Adgaba, N., Al-Ghamdi, A.A., Getachew, A., Tadesse, Y., Belay, A., **Ansari, M.J.**, Radloff, S.E. and Sharma, D. (2017) Characterization of honeys by their botanical and geographical origins based on their physico-chemical properties and chemo-metrics analysis. **Journal of Food Measurement and Characterization**, Vol. **11 (3): 1103-1117** [International, referred & indexed Journal. ISSN- 2193-4126; UGC approved Journals Si. No.: 43353] DOI: 10.1007/s11694-017-9487-4 IF= 0.536
- Meo, S.A., Suraya, F., Jamil, B., Al Rouq, F., Meo, A.S., Sattar, K., **Ansari, M.J.** and Al Aseri, S., (2017). Association of ABO and Rh Blood Groups with Breast Cancer. **Saudi Journal of Biological Sciences**, Vol. **24: (7), 1609-1613** [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833] (IF-2.564)
- Hassan, A.M., Giovanetti, M., Raweh, H.S., Owayss, A.A., **Ansari, M.J.**, Nuru, A., Radloff, S.E. and Alqarni, A.S. (2017). Nectar secretion dynamics of *Ziziphus nummularia*: a melliferous species of dry land ecosystems. **Saudi Journal of Biological Sciences**, Vol. **24 (7): 1470-1473** [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833] (IF-2.564)
- **Ansari, M.J\***, Al-Ghamdi, A., Nuru, A., Ahmed, A.M., Ayaad, T.H., Al-Qarni, A., Alattal, Y. and Al-Waili, N. (2017). Survey and molecular detection of *Melissococcus plutonius*, the causative agent of European Foulbrood in honeybees in Saudi Arabia. **Saudi Journal of Biological Sciences**, Vol. **24 (6): 1327-1335** [International, referred & indexed Journal. ISSN-

- **Ansari, M.J\***, Al-Ghamdi, A., Nuru, A., Khan, K.A. and Alattal, Y., (2017). Geographical distribution and molecular detection of *Nosema ceranae* from indigenous honeybee race of Saudi Arabia. **Saudi Journal of Biological Sciences: SI: Current Research in Apiculture**. Vol. 24: (5), 985-993. [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833] <http://dx.doi.org/10.1016/j.sjbs.2017.01.054> (IF-2.564) \*First author and Corresponding Author
- Khan, K.A., **Ansari, M.J\***, Al-Ghamdi, A., Nuru, A. and Harakeh, S., (2017). Investigation of gut microbial communities associated with indigenous honey bee (*Apis mellifera jemenitica*) from two different eco-regions of Saudi Arabia. **Saudi Journal of Biological Sciences: SI: Current Research in Apiculture**. Vol. 24: (5), 1073-1080. [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833] <http://dx.doi.org/10.1016/j.sjbs.2017.01.055> (IF-2.564) \* Corresponding Author
- Meo, S.A., **Ansari, M.J.**, Sattar, K., Chaudhary, H.U., Hajjar, W. and Alasiri, S. (2017) Honey and Diabetes Mellitus: Obstacles and Challenges - Road to be Repaired. **Saudi Journal of Biological Sciences: SI: Current Research in Apiculture**. Vol. 24: (5), 1038-1042. [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833] <http://dx.doi.org/10.1016/j.sjbs.2016.12.020> (IF-2.564)
- Meo, S.A., Al-Asiri, S.A., Mahesar, A.L. and **Ansari, M.J.** (2017). Role of Honey in Modern Medicine. **Saudi Journal of Biological Sciences: SI: Current Research in Apiculture**. Vol. 24: (5), 975-979. [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833] <http://dx.doi.org/10.1016/j.sjbs.2016.12.010> (IF-2.564)
- Adgaba, N., Alghamdi, A., Sammoud, R., Shenkute, A., Tadesse, Y., **Ansari, M.J.**, Sharma, D. and Hepburn, C., (2017). Determining spatio-temporal distribution of bee forage species of Al-Baha region based on ground inventorying supported with GIS applications and Remote Sensed Satellite Image analysis. **Saudi Journal of Biological Sciences: SI: Current Research in Apiculture**. Vol. 24: (5), 1048-1055. [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833] <http://dx.doi.org/10.1016/j.sjbs.2017.01.009> (IF-2.564)
- Al-Ghamdi, A.A., Adgaba, N., Herab, A.H. and **Ansari, M.J.**, (2017). Comparative analysis of profitability of honey production using traditional and box hives. **Saudi Journal of Biological Sciences: SI: Current Research in Apiculture**. Vol. 24: (5), 1088-1094. [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833] <http://dx.doi.org/10.1016/j.sjbs.2017.01.007> (IF-2.564)
- Alattal, Y., AlGhamdi, A., Single, A., **Ansari, M.J.** and Alkathiri, H. (2017). Fertility and reproductive rate of Varroa mite, *Varroa destructor*, in local and exotic honeybee, *Apis mellifera* L., colonies under Saudi Arabia conditions. **Saudi Journal of Biological Sciences: SI: Current Research in Apiculture**. Vol. 24: (5), 994-997. [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833] <http://dx.doi.org/10.1016/j.sjbs.2016.12.018> (IF-2.564)
- **Ansari, M.J\***, Al-Ghamdi, A., Usmani, S., Khan, K.A., Alqarni, A.S., Kaur, M. and Al-Waili, N. (2017). *In vitro* evaluation of the effects of some plant essential oils on *Ascosphaera apis*, the causative agent of Chalkbrood disease. **Saudi Journal of Biological Sciences: SI: Current Research in Apiculture**. Vol. 24: (5), 1004-1011. [International, referred & indexed Journal.

- Ali, H., Shebl, M., Alqarni, A.S., Owayss, A.A. and **Ansari, M.J\***. (2017) Nesting biology of two species of the large carpenter bees *Xylocopa pubescens* and *Xylocopa fenestrata* (Hymenoptera: Apidae) in northwestern Pakistan. **Oriental Insects**. Vol. **51** (2) **185-196**. [International, referred & indexed Journal. ISSN- 0030-5316, NAAS Rating-6.36, JrnID- 0016; UGC approved Journals Si. No.: 36631] DOI: 10.1080/00305316.2016.1272500 IF= 0.238 \*Corresponding Author
- Adgaba, N., Al-Ghamdi, A., Tadesse, Y., Getachew, A., Awad, A.M., **Ansari, M.J.**, Owayss, A.A., Mohammed, S.E.A. and Alqarni, A.S. (2017) Nectar secretion dynamics and honey production potentials of some major honey plants in Saudi Arabia. **Saudi Journal of Biological Sciences**. Vol. **24** (1):**180-191**. [International, referred & indexed Journal. ISSN- 1319-562X, UGC approved Journals Si. No.: 23833]doi: <http://dx.doi.org/10.1016/j.sjbs.2016.05.002> (IF-2.564)
- Khan, K.A., Al-Ghamdi, A.A. and **Ansari, M.J.** (2016). The characterization of blossom honeys from two provinces of Pakistan. **Italian Journal of Food Science** Vol. **28**:625-638 [International, referred & indexed Journal. ISSN- 1120-1770, NAAS Rating-6.84, JrnID-I321; UGC approved Journals Si. No.: 9135] (IF-0.556)
- Adgaba, N., Al-Ghamdi, A., Tadesse, Y., Getachew, A. and **Ansari, M.J.**, (2016). Pollination biology and Spatio-Temporal structuring of some major Acacia species (leguminosae) of the Arabian Peninsula. **Pakistan Journal of Botany**. Vol. **48** (4):1517-1526. [International, referred & indexed Journal. ISSN- 0556-3321, NAAS Rating-6.66, JrnID-P011; UGC approved Journals Si. No.: 36862] (IF-0.690).
- Adgaba, N., Al-Ghamdi, A.A., Getachew, A., Tadesse, Y., Almaktary, A., **Ansari, M.J.**, Al-Madani, M. and Sharma, D., (2016). Natural nest characteristics of *Apis mellifera jemenitica* (Hymenoptera; Apidae) and its implications in frame hive adoption. **The Journal of Animal and Plant Sciences**. Vol. **26** (4):**1156-1163**. [International, referred & indexed Journal. ISSN- 1018-7081, NAAS Rating-6.42, JrnID-T033; UGC approved Journals Si. No.: 26432] (IF-0.381).
- Fihri A.F., Al-Waili N.S., El-Haskoury R., Bakour M., Amarti A., **Ansari M.J.**, Lyoussi B. (2016) Protective effect of Morocco carob honey against Lead-Induced anemia and Hepato-Renal toxicity. **Cellular Physiology and Biochemistry**, Vol. **39** (1):**115-122**. Published 20 June 2016 [International, referred & indexed Journal. ISSN- 1015-8987, NAAS Rating-10.65, JrnID-C041; UGC approved Journals Si. No.: 5279] DOI:10.1159/000445610 (IF-5.104)
- Adgaba, N., Ahmed, A.A., Awwaris, S.G., Al-Madani, M., **Ansari, M.J.**, Sammouda, R. and Radloff, S.E. (2016) Pollination ecology of *Acacia ehrinbergiana* (Hyne) and *Acacia tortilis* (Forssk.) Hayne, Leguminosae (Mimosoidae) dynamics of nectar secretion and their roles in honey production. **Tropical Ecology**. Vol. **57** (3):**429-444**. [International, referred & indexed Journal. ISSN- 0564-3295, NAAS Rating-7.17, JrnID-T096; UGC approved Journals Si. No.: 35114]
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- **Mohammad Javed Ansari**, Ahmad Alkhazim Al-Ghamdi “*Lactobacillus plantarum* from the gut of indigenous honey bee of Saudi Arabia inhibit the growth and biofilm formation of *Candida albicans*” XXV International Congress of Entomology, Orlando, Florida, USA | September 25-30, 2016. Poster No. D3796. doi: 10.1603/ICE.2016.105365
- **Mohammad Javed Ansari** “Jujube honey improves lipid profile of high fat diet-induced hypercholesterolemia in Wistar rats” Seventh EurBee Congress, Cluj-Napoca (Romania) 7 – 9 September 2016 (**Oral Presentation**)
- **Mohammad J. Ansari**, Ahmad Al-Ghamdi, Nuru Adgaba, Khalid Khan “*Lactobacillus plantarum* from the gut of indigenous honeybee of Saudi Arabia inhibit the growth and biofilm formation of *Candida albicans*” 13<sup>th</sup> Asian Apicultural Association Conference, ApiExpo and Apitherapy Workshops, April 24-26, Jeddah, Saudi Arabia, 2016.
- Mohd Arif, **Mohammad Javed Ansari**, Noori Al-Waili and Nuru Adgaba “Jujube honey improves lipid profile of high fat diet-induced hypercholesterolemia in Wistar rats” 13<sup>th</sup> Asian Apicultural Association Conference, ApiExpo and Apitherapy Workshops, April 24-26, Jeddah, Saudi Arabia, 2016.
- Mohamed Abedelsalam Anwar, **Mohamed Javed Ansari**, Ahmad Al-Ghamdi, Mohamed Omar Mohamed “Effect of larval nutrition on the development and mortality of *Galleria mellonella* (Lepidoptera: Pyralidae)” 13<sup>th</sup> Asian Apicultural Association Conference, ApiExpo and Apitherapy Workshops, April 24-26, Jeddah, Saudi Arabia, 2016.
- Khalid A. Khan, **Mohammad J. Ansari**, Ahmad A. Al-Ghamdi “Isolation of gut bacteria from *Apis mellifera jemenitica*, a native honey bee of Saudi Arabia” 13<sup>th</sup> Asian Apicultural Association Conference ApiExpo and Apitherapy Workshops, April 24-26, Jeddah, Saudi Arabia, 2016.
- Nuru Adgaba, Ahmad A. Al-Ghamdi, Yilma T. Tena, Awraris G. Shenkut, **Mohammad J. Ansari**, Anwer Al-Maktary “Floral phenology, nectar secretion dynamics, and honey production potential of two lavender species (*Lavandula dentata*, and *L. pubescens*) in Southwestern Saudi Arabia” 13<sup>th</sup> Asian Apicultural Association Conference, ApiExpo and Apitherapy Workshops, April 24-26, Jeddah, Saudi Arabia, 2016.
- **Mohammad javed Ansari**, Ahmad Al-Ghamdi, Khalid Khan, Adgaba Nuru, Noori Al-Waili “Inhibition of *Candida albicans* biofilm through *Bifidobacteria* isolated from the digestive tract of Saudi Arabian honeybee race, *Apis mellifera jemenitica*” APIMONDIA, XXXIV International Apicultural Congress, 15-20 September, 2015, Daejeon, Korea.
- Nuru Adgaba, Ahmed Al-Ghamdi, Awraris Getachew, YilmaTadesse, Mohammad **Javed Ansari** “Natural nest characteristics of *Apis mellifera jemenitica* (Hymenoptera; Apidae) and its implications in frame hive adoption” APIMONDIA, XXXIV International Apicultural Congress, 15-20 September, 2015, Daejeon, Korea.
- **Mohammad Javed Ansari**, Ahmad Al-Ghamdi, Nuru Adgaba, Abdelsalam anwar Mohamed, Deepak Sharma, Mohamed Omer Mohamed “Antimicrobial activity of *Dracaena cinnabari* from Soqatra island on multidrug resistant human pathogens and *Ascosphaeraapis*, a causal agent of chalkbrood disease of Honeybee” The 30<sup>th</sup> meeting of Saudi Biological Society on Economics of the Red Sea and their Development” April 7-9, 2015, Hosted by University of Tabuk, Tabuk, KSA. (**Awarded by best Poster of the Conference**)
- **Mohammad Javed Ansari**, Ahmad Al-Ghamdi, Noori Al-Waili, NuruAdgaba, Khalid Ali Khan "Effect of Saudi Arabian Sidr Honey on Polymicrobial culture of Multi Drug-Resistant Human Pathogens" XIII<sup>th</sup> International Apitherapy Congress, Expo and Workshops March 27-31, Passau, Germany, 2015.
- **Mohammad Javed Ansari**, Ahmad Al-Ghamdi, Deepak Sharma “Structural characterization and antimicrobial activity of biosurfactant obtained from *Bacillus pumilus* against *Paenibacillus larvae*, the causative agent of American Foulbrood” 6th European Conference of Apidology (EurBee-6), 9-12th September – Murcia, Spain, 2014



- Ahmad Al-Ghamdi, **Mohammad Javed Ansari**, Deepak Sharma “Antibacterial properties of Saudi Arabian sidr honey against *Paenibacillus larvae*, the causal organism of American foulbrood” in 5th Cuban Congress on Apiculture, 14-18 July, Havana, Cuba, 2014
- **Mohammad Javed Ansari**, Ahmad Al-Ghamdi, Khalid Ali Khan "Characterization of Bifidobacteria in the indigenous Honeybee of Saudi Arabia” In International Union for The Study of Social Insects International Congress 2014 (IUSSI2014), 13-18 July, Queensland Australia, 2014
- **Mohammad Javed Ansari**, Ahmad Al-Ghamdi, Yehya Al-Attal, Nuru Adgaba, “Antimicrobial activity of *Bifidobacterium spp.* isolated from *Apis mellifera jemenitica* against *Ascosphaera apis* the causative agent of chalkbrood disease” in 12<sup>th</sup>Asisan Apicultural Association Conference, April 24-27, Antalya, Turkey, 2014
- Nuru, Adadgaba, Awraris G. Shenkute, Ahmed A. Al-ghamdi, Amenay Assefa, **Javed M. Ansari**, Brian Taylor, Sarah Radloff “Prospectives of biological control as possible means to protect honey bee colonies from army ant attack” in 12<sup>th</sup>Asisan Apicultural Association Conference, April 24-27, Antalya, Turkey, 2014
- **Mohammad Javed Ansari**, Ahmad Al-Ghamdi, Abdelsalam A. Mohamed, Deepak Sharma, Khalid Ali Khan, Ramzi Alsarhan, Mohamed O.M. Omer “Antibacterial activities of Bifidobacterium spp. Isolated from *Apis mellifera jemenitica* against *Paenibacillus larvae*, the causative agent of American Foulbrood” in The Seventh International conference for Development and Environment in the Arab World, March, 23-25, Assuit, Egypt, 2014
- Mohamed O.M. Omer, Abdelsalam A. Mohamed, **Mohammad Javed Ansari**, Ahmad Al-Ghamdi, “The action of honeybee venom on Drug multi-resistant human pathogens” in The Seventh International conference for Development and Environment in the Arab World, March, 23-25, Assuit, Egypt, 2014
- Abdel Raoof Mohamed Amro, **Mohammad Javed Ansari**, Ahmad Al-Ghamdi “Antibacterial activities of Saudi Arabian pollen and beebread extracts against Drug multi-resistant human pathogens” in The Seventh International conference for Development and Environment in the Arab World, March, 23-25, Assuit, Egypt, 2014
- **Mohammad Javed Ansari**; Ahmad Al-Ghamdi; Khalid Ali Khan; Deepak Sharma “Antimicrobial activity of *Bifidobacterium spp.* isolated from *Apis mellifera jemenitica* against *Paenibacillus larvae*, the causative agent of American foulbrood” in ApiBio-ApiOrganica Apimondia Symposium, 3-7 March, Castel San Pietro Terme, ITALY 2014.
- Ahmad Al-Ghamdi, **Mohammad Javed Ansari**, “Bifidibacteria in the gut of Saudi Arabian honeybee race, *Apis mellifera jemenetica*, and their antagonistic effect against *Ascosphaera apis*, the causal organism of chalkbrood disease” in International workshop on Technology Transfer in Beekeeping, Meliponiculture and Honey Festival(Apiexpo-2014), February 24-March 2, Bangalore, India, 2014
- **Mohammad Javed Ansari**, Ahmad Al-Ghamdi “In vitro evaluation of some essential plant oils against *Paenibacillus larvae*, the causal agent of American foulbrood”. APIMONDIA, XXXXIII International Apicultural Congress, 29 September - 04 October 2013 Kyiv, Ukraine.
- **Mohammad Javed Ansari**, Ahmad Al-Ghamdi, Abdelsalam Anwar Mohamed, Mohamed Omar Mohamed “Antagonistic effect of some plant oils against pathogen of American foulbrood disease of honeybee” The 28<sup>th</sup> meeting of Saudi Biological Society” April 9-11, 2013, Hail University, Hail, KSA.
- **Mohammad Javed Ansari**, Ahmad Al-Ghamdi, Noori Al-Waili, Yehya Al-Attal, Nuru Adgaba, Abdelsalam Anwar Mohamed “Physiochemical, Antioxidant and Antimicrobial Properties of Some Saudi Honey” The 28<sup>th</sup> meeting of Saudi Biological Society” April 9-11, 2013, Hail University, Hail, KSA.
- Mohamed, A.A., M.O. Mohamed, A.A. Al-Ghamdi, **M.J. Ansari** “Feasibility of controlling honeybee tracheal mite *Acarapis woodi* (Rennie) in honeybee colonies using plant oils”. The 28<sup>th</sup> meeting of Saudi Biological Society” April 9-11, 2013, Hail University, Hail, KSA.



- Ahmad Al-Ghamdi, **Mohd. Javed Ansari**, Noori Al-Waili “An in vitro Study on Antimicrobial Activity of Propolis from Al-Baha Province of Saudi Arabia Against Some Antibiotic Resistance Human Pathogens”. Apimondia Apimedica-Apiquality International Forum, Oct. 22-25, 2012, Zhenjiang, China.
- Adgaba N, Al-Ghamdi AA, Chernet MH, **Ansari MJ** “Physico-Chemical Properties of Honeys. 3<sup>rd</sup> ApiExpo Africa international conference, 26<sup>th</sup>-30<sup>th</sup> Sept 2012, Addis Ababa, Ethiopia
- Ahmad Al-Ghamdi, **Mohammad Javed Ansari**, Yehya al-Attal “Inhibition of *Candida albicans* biofilm through the use of some Saudi Arabian honeys. II International Symposium on Bee Products” September 9-12, 2012, Bragança, Portugal.
- Ahmad Al-Ghamdi, **Mohd. Javed Ansari** “Effectiveness of some plants oils against *Paenibacillus larvae*, the causal agent of American foulbrood”. 5th European Conference of Apidology, 3-7th September, 2012, Halle an der Saale, Germany
- Ahmad Al-Ghamdi, **Mohd. Javed Ansari**, Yehya al-Attal “The antimicrobial potential of honey from Kingdom of Saudi Arabia on some microbial isolates. The 27<sup>th</sup> meeting of Saudi Biological Society” March 6-8, 2012, Jazan University, Jazan, KSA.
- **Mohd Javed Ansari**, Kuldeep Singh, Parveen Chhunej, H.S. Dhaliwal “Isolation and characterization of brittle culm mutants of Diploid wheat (*Triticum monococcum*) affecting mechanical strength of Wheat tissue by altering the composition and structure of secondary cell walls” International conference on “Botany and Plant Biology 2007” Botanical Society of America, USA, 2007, No. of Pages -1
- **M. Javed Ansari**, and H.S. Dhaliwal Presented paper on “Characterization of Ds Insertional mutants in Basmati 370” National Biotechnology Conference-2006-Current Trends and Future Perspective” IIT Roorkee, 2006
- **Mohd. Javed Ansari**, Kuldeep Singh, Parveen Chhuneja and H.S. Dhaliwal “Isolation and characterization of induced Brittle mutants in Diploid wheat (*Triticum monococcum*), International conference on “Plant Genomics & Biotechnology: Challenges and Opportunities” IGAU, Raipur, INDIA, 26th to 28th October .2005, Page no.200-201
- Participated in “Get Read. Publish with Springer” Workshop organized by KACST, Springer, edanz and King Saud University, March 21, 2011
- Participated in National Conference on “Therapeutic and Diagnostic Products for Reproductive Health: Recent Trends and Future Prospects” Organized by Department of Biotechnology, IIT Roorkee, 2006
- Participated in “workshop on Biotechnology Education” organized by Dolphin (P.G.) institute of Bio Medical and Natural Sciences” October 6-7, 2007, Dehradun, Uttarakhand.
- Participated in the Seminar cum Exhibition on “Transfer of High Tech Horticulture Production Technology” Organized by Department of Biotechnology, IIT Roorkee, 2006

## EDITOR AND REVIEWER

- Member, Editorial cum Advisory Board, Current Agriculture Research Journal, ISSN: 2347-4688, Online ISSN: 2321-9971
- Associate Editor: Journal of Entomology and Zoology Studies, ISSN Print: 2349-6800 | ISSN Online: 2320-7078 (NAAS Rating: 5.53)
- Associate Editor: Journal of Medicinal Plants Studies, ISSN Print: 2394-0530 | ISSN Online: 2320-3862 | NAAS Rating: 3.53
- Journal of Integrative Plant Biology (Reviewer)
- DNA and Cell Biology (Reviewer)
- The Plant Journal (Reviewer)

- Natural Product Research (Reviewer)
- Journal of Apicultural Research (Reviewer)
- Journal of Asia-Pacific Entomology (Reviewer)
- Journal of Medical Microbiology (Reviewer)
- Journal of Medicinal Food (Reviewer)
- Journal of Chemistry (Reviewer)
- Saudi journal of Biological Sciences (Reviewer)
- African journal of Microbiology (Reviewer)
- Pakistan Journal of Botany (Reviewer)
- Journal of Agricultural Science and Technology (Reviewer)
- Journal of the Saudi Society of Agricultural Sciences (Reviewer)
- Chinese Journal of Oceanology and Limnology (Reviewer)

## COMPUTER SKILLS

- MS Office, Internet technology
- Have some basic knowledge of C and C+ language
- Experience to operate various Bioinformatics tools, QTL Cartographer and MAPMAKER

## EXTRA-CURRICULAR ACTIVITIES

- Served as Volunteer in some conferences and Symposium held in Department of Biotechnology IIT Roorkee.
- Member, Cultural Committee of Cautley Bhawan of IIT Roorkee during session 2004 -2005.
- Appreciable performance in the field of Bhawan Day as a member
- Participated in college Football Team in 1995 and got Second Prize
- Participated in Scout and Guide Activities at Tehsil level and got First prize

## PERSONAL INFORMATION

- **Father's Name-** Mohd. Kasim Ansari
- **Languages known-** English, Hindi, Urdu, Arabic and German
- **Date of Birth-** 20 Dec 1978
- **Age -** 38 years
- **Nationality-** Indian
- **Permanent Address-** Mo- Maniharan, Gandhi Chowk, Town & Post- Behat, Distt- Saharanpur, Uttar Pradesh, INDIA, PIN-247121
- **Correspondence Address-** Chair of Eng. Abdullah Baqshan for Bee research, Department of Plant Protection, College of Food and Agricultural Sciences, King Saud university- Riyadh, 11451, KSA

## REFERENCES

- **H.S. Dhaliwal** (Professor, Rtd.), Department of Biotechnology, Indian Institute of Technology Roorkee, Uttaranchal, India, 247667, Presently: Vice Chancellor, Eternal University, Baru Sahib (Rajgarh), HP (India) 173101, Phone: +91-9805098702, +91-9897776426, E-Mail: [hsdhalwal07@gmail.com](mailto:hsdhalwal07@gmail.com) (**PhD Supervisor**)
- **Ahmad Al-Khazim Al-Ghamdi** (Professor), Supervisor: Bee Research Chair and National Plan for Science, Technology and innovation Program, King Saudi University Riyadh, KSA, Phone: +966-505782019, E-mail: [aalkhazim@gmail.com](mailto:aalkhazim@gmail.com)
- **Kuldeep Singh** (Director), ICAR-National Bureau of Plant Genetic Resources, Pusa Campus, New Delhi, Delhi 110012; Phone: + 91 - 11 -25843697 (Former Professor), School of Agricultural Biotechnology, Punjab Agricultural University Ludhiana, Punjab, India, 141004, E-mail: [kuldeep35@yahoo.com](mailto:kuldeep35@yahoo.com); [kuldeep.singh4@icar.gov.in](mailto:kuldeep.singh4@icar.gov.in)

- **J.S. Yadav**, CSIR-Bhatnagar Fellow & J C Bose Fellow (former Director, CSIR-IICT) Indian Institute of Chemical Technology Hyderabad - 500 007, India, Tel.No.91-40-27193737 Fax.No.91-40-27160512, webpage: <http://iictindia.org/jsy/index.html> E-Mail: [yadavfna@gmail.com](mailto:yadavfna@gmail.com)
- **G. S. Randhawa** (Professor), Department of Biotechnology, Indian Institute of Technology Roorkee, Uttarakhand, India, Phone- +91-9837035099, +911332285916 Email: [sharnfbs@iitr.ernet.in](mailto:sharnfbs@iitr.ernet.in)

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**DECLARATION**

I hereby declare that all the above information's are correct to the best of my knowledge



(Mohammad Javed Ansari)

Place: Riyadh