

Dr. HAMID MAJEED

Department of Food Sciences, CUVAS

Near DHA, Bahawalpur

phone #: 0304-7361772

Email: hamid.majeedju@yahoo.com

hamidmajeed@cuvas.edu.pk

Researcher Id: (<http://www.researcherid.com/rid/G-4637-2017>)



ACADEMICS

2011-2015:

PhD: Food Nutrition and Safety (Nanoencapsulation): Key Laboratory of Food Colloids and Biotechnology, School of Food Science and Technology, **Jiangnan University, Wuxi, Jiangsu Province, P. R. China**

Dissertation title: Bactericidal, Apoptotic mechanism of Eugenol (Clove plant Oil) nanoemulsion and their increased bioaccessibility during in vitro digestion

2008-2010:

M. Phil. Plant Genomics, Department of Plant Sciences, Quaid-i-Azam University, Islamabad, Pakistan

Dissertation title: Assessment of Genetic Diversity in Genus *Pisum* L. based on SSAP Data.

2004-2006:

BS (4 year). Botany, Department of Botany, Bahauddin Zakariya University Multan, Pakistan

Dissertation title: Appraisal of Exogenously applied Sugar Beet Extract for Inducing Salt Tolerance in Sunflower under Saline conditions.

1999-2001:

F. Sc. Pre-Medical, Govt. College Bosan Road Multan, Pakistan

1997-1999: Matric. **Science Group,** Pilot Secondary School Multan, Pakistan.

Major Subjects of Interest:

Medicinal plant, Plant Biochemistry, Cell Biology, Genetics and Evolution, Phycology and Bryology, Mycology, Plant Physiology, Plant Anatomy, Food Nanotechnology, Eco-Nanotoxicity, Nano-biotechnology, Human Nutrition, Food Microbiology, Green crops and Nanotechnology.

Research/Projects:

S/N	Title	Amount (M)	Funding Agency	Status
1	Essential Oil nanoemulsions dip coatings on Fruits (Kinnow) to increase market availability (shelf life) for economic boost	4.745	PSF	PI/Completed
2	Green active packaging of poultry, livestock meat, fruits and shrimps having nano-encapsulated natural preservatives to boost national economy	7.186	PSF	Co-PI/ Completed

Achievements

- Director academics from 2023-to date
- Member syndicate CUVAS from March 2023-to date
- Member Pakistan Food and Nutrition Organization
- Member Pakistan Society of Food Scientists and Technologists
- In 2011, Chinese Government awarded full Ph.D. scholarship for the completion of doctorate degree.
- Winner of two year president scholarships (2011-12 & 2013- 14) during Ph.D. degree.

Awards and Certificates:

- Tanner award on behalf of most cited paper by The Institute of Food Technologists (3rd June 2019).
- Certificate of outstanding contribution in reviewing by International journal of Biological Macromolecules (Nov, 2017: May 2018).
- Certificate of Reviewing from Journal of Functional Foods (March 2019)
- Certificate of Reviewing from Innovative Food Science and Emerging Technologies Journal (March 2018).
- Certificate of Reviewing from Food Hydrocolloids (February 2018)

INTERNATIONAL PUBLICATIONS

Total Impact Factor: 351

S. #	Details	Impact Factor
1.	Majeed, H , Antoniou, J, Hategekimana, J, Sharif, HR, Haider, J, Safdar, W, Ali, B, Rong, L, Ma, J; Zhong F. Influence of carrier oil type, particle size on lipid digestion and eugenol bioaccessibility in emulsion and nanoemulsions. Food Hydrocolloids. 2016. 52: 415 – 422.	9.147
2.	Majeed, H ; Antoniou, J; Fang, Z. Apoptotic effects of eugenol loaded nanoemulsions in human colon and liver cancer cell lines. Asian Pacific journal of cancer prevention.	2.514

	2014. 15 (21): 9159- 9164.	
3.	Majeed, H ; Antoniou, J; Shoemaker, CF; Fang, Z. Action mechanism of small and large molecule surfactant-based clove oil nanoemulsions against food-borne pathogens and real-time detection of their subpopulations. Arch Microbiol. 2014. 197 (1): 35-45.	2.552
4.	Majeed, H ; Safdar, W; Ali, B; Mohammad, A, Ahmad, I; Mumtaz, AS. Genetic assessment of the genus <i>Pisum</i> L. based on sequence specific amplification polymorphism data. Journal of Medicinal Plants Research.2012. 6(6): 959- 967.	0.86
5.	Majeed, H ; Bian,Y; Ali, B; Jamil, A; Majeed, U; Khan, Q. F; Iqbal, K. J; Shoemaker, C. F, Fang, Z. Essential oil encapsulations: Uses, Procedures, and trends. 2015. RSC Advances. 5: 58449- 58463.	3.245
6.	Majeed, H ; Qazi, HJ; Antoniou J; Sharif , HR; Haider J; Ali, B; Yokoyama, W, Fang Z, .Bactericidal Action Mechanism of Negatively Charged Food Grade Clove Oil Nanoemulsions. Food Chemistry. 2016. 197: 75 – 83.	7.514
7.	Majeed, H ; Qazi, HJ; Safdar, W; Fang, Z. Microencapsulation Can Be a Novel Tool in Wheat Flour with Micronutrients Fortification: Current Trends and Future Applications – a Review.Czech J. Food Sci.2013. 31 (6): 527-540.	1.279
8.	Hategekimana, J; Chamba, MVM; Shoemaker, CF; Majeed, H ;Fang, Z. Vitamin E nanoemulsions by emulsion phase inversion: Effect of environmental stress and long-term storage on stability and degradation in different carrier oil types. Colloids and Surfaces A: Physicochemical and Engineering Aspects. 2015. Accepted In press.	4.539
9.	Qazi, HJ; Majeed, H ; Safdar, W; Antoniou, J; Fang, Z. A Novel Approach for Microencapsulation of Nanoemulsions to Overcome the Oxidation of Bioactives in Aqueous Phase. Advance Journal of Food Science and Technology. 2014. 7(6):388-394.	
10.	Safdar, W; Majeed, H ; Ali, B; Naveed, I. Molecular Evolution and Diversity of Small Heat Shock Proteins Genes in Plants. Pak. J. Bot. 2012. 44: 211-218.	0.972
11.	Antoniou, J; Liu, F; Majeed, H ; Fang, Z. Characterization of tara gum edible films incorporated with bulk chitosan and chitosan nanoparticles: A comparative study. Food Hydrocolloids. 2015. 44: 309-319.	9.147
12.	Antoniou, J; Liu, F; Majeed, H ; Qazi, HJ; Fang, Z. Physicochemical and thermomechanical characterization of tara gum edible films: Effect of polyols as plasticizers. Carbohydrate Polymers. 2014. 111: 359- 365.	9.381
13.	Antoniou, J; Liu, F; Majeed, H ; Qi, J; Yokoyama, W; Fang, Z. Physicochemical and morphological properties of size-controlled chitosan–tripolyphosphate nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects. 2015. 465: 137-146.	4.539
14.	Bian, YY; Guo, J; Majeed, H ; Zhu, KX; Guo, XN; Peng, W; Zhou, HM. Ferulic acid renders protection to HEK293 cells against oxidative damage and apoptosis induced by hydrogen peroxide. In Vitro Cell.Dev.Biol.—Animal. 2015. 51 (7): 722 – 29.	2.416
15.	Iqbal, KJ; Qureshi, NA; Ashraf, M; Rehman, MHU; Khan, N; Javid, A; Abbas, F; Mushtaq, MMH; Rasool, F; Majeed, H ..Effect of Different Salinity Levels on Growth and Survival of Nile Tilapia (<i>OREOCHROMIS NILOTICUS</i>). The Journal of Animal & Plant Sciences. 2012. 22(4): 919- 922.	0.49
16.	Bian, YY; Guo, J; ; Zhu, KX; Guo, XN; Peng, W; Majeed, H ; Zhou, HM. Macroporous adsorbent resin-based wheat bran polyphenol extracts inhibition effects on H ₂ O ₂ -induced oxidative damage in HEK293 cells. RSC Advances. 2015. 5: 20931-38.	3.245
17.	Jing Q; Yue L; Kingsley G M; Charles F S;Fang Z; Majeed H ; Jianguo Ma.The effect	9.147

	of chemical treatment on the In vitro hypoglycemic properties of rice bran insoluble dietary fiber. Food Hydrocolloids 2016. 52: 699-706	
18.	Qing J; Yue L; Wallace Y; Majeed H ; Kingsely M; Zhong F. Jianguo M. Cellulosic fraction of rice bran alters the conformation and inhibits activity of porcine pancreatic lipase. Journal of Functional Foods. 2015. 19: 39 – 48.	4.451
19.	Qing J; Wallace Y; Kingsely M; Majeed H ; Zhong F. Yue L. Structural and physico-chemical properties of Insoluble Rice Bran Fiber: Effect of acid-base induced modifications. RSC Advances. 2015. Accepted (DOI: 10.1039/C5RA15408A)	3.245
20.	Majeed, H ; Wallace Yokoyama; Muhammad AbaidUllah, Ali B and Zhong Fang. Toxicity assessment of Eugenol loaded nanoemulsions in CD1 Mice. Under Review in Toxicologic Pathology	
21.	Bakry, A. M; Abbass, S; Barkat, A; Majeed, H . Microencapsulation of oils: A comprehensive review of Benefits, Techniques and Applications. Comprehensive Reviews in Food Science and Safety.2015. 15: 143 – 182.	12.24
22.	Liu F, John, A., Yue, L., Majeed, H. , Yun, M., Wallace, Y., Jianguo, M., Zhong, F 2016.Chitosan/sulfobutylether- β -cyclodextrin nanoparticles as a potential approach for tea polyphenol encapsulation. Food Hydrocolloids. 57: 291 – 300.	9.147
23.	Liu F, John, Majeed, H. , A., Yue, L., Yun, M., Wallace, Y., Jianguo, M., Zhong, F 2016. Tailoring physical properties of transglutaminase-modified gelatin films by varying drying temperature. Food Hydrocolloids. 58: 20 – 28.	9.147
24.	Shunshun, S., Xiaoming, Z., Shishing, S., Khizar, H., Karangwa, E., Majeed, H . Tobacco alkaloids reduction by casings added/enzymatic hydrolysis treatments assessed through PLSR analysis. Regulatory Toxicology and Pharmacology. 2016. 75: 27 – 34.	3.271
25.	Fei Liu, Hamid Majeed , John Antoniou, Yue Li, Yun Ma, Wallace Yokoyama, Jianguo Ma, Fang Zhong 2016. pH and temperature stability of(–)-epigallocatechin-3-gallate--cyclodextrin inclusioncomplex-loaded chitosan nanoparticles. Carbohydrate Polymers. 149, 340-47	9.381
26.	Hafiz Rizwan Sharif , Peter A. Williams, Mian Kamran Sharif, Shabbar Abbas, Hamid Majeed , Kingsley George Masamba, Waseem Safdar, Fang Zhong 2017. Current progress in the utilization of native and modified legume proteins as emulsifiers and encapsulants. A review. Food Hydrocolloids. 1 -15.	9.147
27.	Hafiz Rizwan Sharif, Peter A. Williams, Mian Kamran Sharif, Muhammad Aslam Khan, Hamid Majeed , Waseem Safdar, Muhammad Shamoan, Muhammad Shoaib, Junaid Haider, Fang Zhong 2017. Influence of OSA-starch on the physico chemical characteristics of flax seed oil-eugenol nanoemulsions. Food Hydrocolloids. 66, 365-77	9.147
28.	Junaid Haider, Hamid Majeed , P.A. Williams, Waseem Safdar, Fang Zhong 2016. Formation of chitosan nanoparticles to encapsulate krill oil (Euphausia superba) for application as a dietary supplement. Food Hydrocolloids. 63: 27 – 34.	9.147
29.	Barkat Ali, KiranYasmin Khan, Hamid Majeed , Muhammad Abid, Lei Xu, Fengfeng Wu and XuemingXu 2017. Soymilk-Cow,s milk ACE-inhibiting enzyme modified cheese. Food Chemistry. 237: 1083 – 1091.	7.514
30.	Barkat Ali, KiranYasmin Khan, Hamid Majeed , Lei Xu, Fengfeng Wu, Han Tao and XuemingXu 2017. Imitation of soymilk-Cow,s milk mixed enzyme modified cheese: their composition, proteolysis, lipolysis and sensory properties. Journal of Food science	2.701

	and Technology. 54: 1273 – 1285.	
31.	Hafiz Rizwan sharif, Shabbar Abbas, Hamid Majeed , Waseem safdar, Muhammad Shamoon, Muhammad Aslam Khan, Muhammad shoaib and Junaid Haider 2017. Formulation, characterization and antimicrobial properties of black cumin essential oil nanoemulsions stabilized by OSA starch. Journal of food science and technology. 54 (10): 3358 – 3365.	2.701
32.	Hafiz Rizwansharif, Douglas Goff H, Hamid Majeed, Fei Liu, John Nsor-Atindana, Junaid Haider, Rong Liang and Zhong Fang 2017. Physicochemical stability of B-carotene and alpha tocopherol enriched nanoemulsions: influence of carrier oil, emulsifier and antioxidant. Colloids and surfaces A: Physicochemical and Engineering Aspects. 529: 550 – 59.	4.539
33.	Abdul S. Q, Imrana K, Chaudhary H. A, Yusuf C, Ayyaz A and Hamid M 2016. Coproduction of protease and amylase by thermophilic Bacillus sp. BBXS-2 using open solid-state fermentation of lignocellulosic biomass. Biocatalysis and agriculture biotechnology. 8: 146 – 151.	3.281
34.	Abdul S. Q, Imrana K, Salman R N, Altaf A S, Chaudhary H. A, Muhammad N, Muhammad D, A, Ayyaz A, Hamid M , Abdul N M J, Muhammad R 2017. Fruit waste to energy through fermentation. Energy Procedia. 142: 904 – 909.	1.89
35.	Saleem A, Imran M, Shahzadi A, Junaid M, Majeed H, Rafiq A, Shahzadi I, Ikram M, Naz M and Ali S 2018. Materials Research Express. 6 (1).	1.609
36.	K. J. Iqbal1, M. Ashraf, A. Javid, N. A. Qureshi, N. Khan, H. Azmat, M. Altaf, H. Majeed, M. S. Haider, Irfan, W. Shehzad and M.Y. Zahoor 2015. Effect of different feed ingredients on growth, sensory attributes and body composition of Labeo Rohita. The Journal of Animal & Plant Sciences. 25(3): 514- 518.	0.49
37.	Majeed, H, Sharif, H. R, Haider, J, Ali, B and Fang, Z 2015. Preparation, Characterization of Eugenol loaded nanoemulsions and their Rheological characteristics. European Academic Research 3(1): 870 – 879.	Academic
38.	Wahab, A, Imran, M, Ikram, M, Naz, M, Aqeel, M, Majeed, H 2019. Dye degradation property of cobalt and manganese doped iron oxide nanoparticles. Applied Nanoscience. Accepted	3.674
39.	Junaid, M, Imran, M, Ikram, M, Naz, M, Aqeel, Afzal M, Majeed, H 2018. The study of Fe-doped CdS nanoparticle-assisted photocatalytic degradation of organic dye in wastewater. Applied Nanoscience. Accepted	3.674
40.	Rafiq, A, Imran, M, Ikram, M, Naz, M, Aqeel, M, Majeed, H, 2019. Photocatalytic and Catalytic Degradation of Organic Dye by Uncapped and Capped ZnS Quantum dots. Materials Research Express. Accepted	1.609
41.	K. JAVED IQBAL1, MUHAMMAD ASHRAF2, ARSHAD JAVID2, M. S. CHAUDHRY1, NOOR KHAN2, HAMID MAJEED3,5, FARZANA ABBAS2, M. HAFEEZ-UR-REHMAN2, FAYYAZ RASOOL2, MUHAMMAD ALTAF4 AND IRFAN 2018. Effect of different feed ingredients on digestive enzymes activity and on the histology of liver and intestine in Labeo rohita Hamilton. Indian Journal of fisheries. 65(4): 93 – 101.	0.5
42.	Shafi A , Farooq U, Akram K, Majeed M, Jayasinghe M, Hayat Z, Hakim A, Rehman H. 2022 . <i>Cucumis melo</i> seed oil: Agro-food by-product with natural anti-hyperlipidemic potential. Journal of the Science of Food and Agriculture. 103:1644-1650.	4.1
43.	Majeed, U., Shafi, A. , Majeed, H., Akram, K., Liu, X., Ye, J, and Luo, Y.,. (2023) Grape	8.8

	(Vitis Vinifera L.) Phytochemicals And Their Biochemical Protective Mechanisms Against Leading Pathologies, Food Chemistry, Volume 405, Part A, (2023),134762,ISSN 0308-8146, March 2023	
44.	Majeed, U., Shafi, A. ,Shahbaz, M.,Rehaman, K., Iqbal,K., Akram, K,Bahoo, I.,Munawar, S.,Munir, M., Sultan, R., Majeed, H., Cacciotti, I., Korma, S., (2023) Assessment of Growth Inhibition of Eugenol-Loaded Nano-Emulsions Against Beneficial Bifidobacterium Sp. Along With Resistant Escherichia Coli Using Flow Cytometry, Fermentatin, (Accepted).	3.7
45.	Yane, L.,Majeed, U.,Majeed, H., Shafi, A. ,Liang, Y. And Ye, J., (2023) DNA binding peptide CF-14 enhances bactericidal efficacy of eugenol/carvacrol nanoparticles to Escherichia coli, Food Chemistry,	8.8
46.	Khalid Javed Iqbal1, Ahmad Ali1, Sonia Iqbal2, Usman Atique2,3,*, Arshad Javid4, Noor Khan, Muhammad Altaf5, Irfan Baboo6, Hamid Majeed7, Gulnaz Afzal1, Azra Anwer1, Madeeha Zaheer, Sheikh Muhammad Azam8, Adnan Ahmad Qazi6, Hamidullah9, Khurshaid Anwar .FIRST REPORTS ON THE CAPTIVE BREEDING AND MORTALITY OF BLACK SWAN (Cygnus atratus) IN PAKISTAN. Fresenius Environmental Bulletin, Volume 30– No. 08/2021 pages 9662-9669.	0.618
47.	Usman Majeed a, Hamid Majeed b, Xuehua Liu a, Afshan Shafi c, Ting Liu a, Jianming Ye a, (2024). Qiang Meng a, Yane Luo, Succinylated starch emulsified Eugenol and Carvacrol nanoemulsions improved digestive stability, bio-accessibility and Salmonella typhimurium inhibition. International Journal of Biological Macromolecules 259 (2024) 129230	8.2
48.	Aiman1, Naima1, Amjad Islam Aqib*2, Kashif Akram1, Hamid Majeed1, Maheen Murtaza3, Afshan Muneer3 and Abdullah F Alsayeqh*. Resistance Modulation of Dairy Milk Borne Streptococcus agalactiae and Klebsiella pneumoniae through Metallic Oxide Nanoparticles. Pakistan Veterinary Journal. 2022. DOI: 10.29261/pakvetj/2022.052	2.3
49.	Nimra Kirn1#, Sijia Lu2#, Amjad Islam Aqib3*, Kashif Akram1, Hamid Majeed1, Afshan Muneer4, Maheen Murtaza4, Kashif Prince3, and Kun Li2. 2023. Annotating Susceptibility Potential of Single, Double, Tri and Tetra Mixed Infection Bacteria against Non-beta Lactam Antibiotics. Pakistan Veterinary Journal.	2.3
50.	Khalid Javed Iqbal1, Irfan Baboo2*, Arshad Javid3, Noor Khan4, Hamid Majeed5, Azra Anwer1, Zahid Farooq2, Muhammad Altaf6 and Moazam Jalees7. Toxicity of Iron-Oxide Nano-Particles on the Hematology of Cyprinus carpio. Pakistan J. Zool., vol. 54(5), pp 2497-2500, 2022	0.687
51.	Saeed Fatima1, Khalid Javed Iqbal1, Usman Atique2,3*, Arshad Javid4, Noor Khan2, Sonia Iqbal2, Hamid Majeed5, Hamda Azmat2, Bakhat Yawar Ali Khan6, Irfan7, Muhammad Tausif Shahid1, Gulnaz Afzal1. Toxic Trace Metals Assessment in Selected Organs of Edible Fish Species, Sediment and Water in Head Punjnad, Punjab, Pakistan. Punjab University Journal of Zoology. 2020. 35(1): 43-50 (2020)	
52.	Abdul Manan1, Amjad Islam Aqib2*, Ansa Shahbaz3, Shanza Rauf Khan4, Kashif Akram1, Hamid Majeed1, Afshan Muneer5*, Maheen Murtaza5, Muhammad Afrasiab4, Carmine Merola6, Kamal Niaz7, Irfan Ahmad8 and Mohd Saeed. 2023. Modification of	3.2

	the drug resistance of emerging milk-borne pathogens through sodium alginate-based antibiotics and nanoparticles. <i>Frontiers in Veterinary Science</i> .	
53.	Asad Rehman ¹ , Usman Majeed ² , Afshan Shafi ^{3*} , Muhammad Shahbaz ⁴ , Irfan Baboo ⁵ , Rizwana Sultan ⁶ , Zahid Manzoor ⁷ , Muhammad Mazhar Munir ⁷ , Iqra Saif ⁵ , Tahir Mahmood Qureshi ¹ , Hamid Majeed ¹ , Ali Değirmencioğlu ⁸ , Daniel Kallinger ⁹ , Maximilian Lackner. Evaluation of antioxidant capacity and bioactive compounds in <i>Capsicum annum</i> L. red peppers following drying in a polycarbonate greenhouse. <i>The EuroBiotech Journal</i> . 2024. 8(1).	1.7
54.	Jing Qi, Yue Li, Hamid Majeed, H. Douglas Goff, Md Ramim Tanver Rahman & Fang Zhong (2019) Adsorption mechanism modeling using lead (Pb) sorption data on modified rice bran-insoluble fiber as universal approach to assess other metals toxicity, <i>International Journal of Food Properties</i> , 22:1, 1397-1410	2.9
55.	A. Haider ¹ · M. Ijaz ¹ · M. Imran ² · M. Naz ³ · H. Majeed ⁴ · J. A. Khan ¹ · M. M. Ali ⁵ · M. Ikram. 2019. Enhanced bactericidal action and dye degradation of spicy roots' extract-incorporated fine-tuned metal oxide nanoparticles. <i>Applied Nano Science</i> . https://doi.org/10.1007/s13204-019-01188-x	3.67
56.	Ali Haider, Muhammad Ijaz, Sidra Ali, Junaid Haider. Muhammad Imran, Hamid Majeed, Iram Shahzadi, Muhammad Muddassir Ali Jawaria Ali Khan, Muhammad Ikram. 2020. Green Synthesized Phytochemically (<i>Zingiber officinale</i> and <i>Allium sativum</i>) Reduced Nickel Oxide Nanoparticles Confirmed Bactericidal and Catalytic Potential. <i>Nanoscale Res Lett</i> . 2020 Mar 2;15(1):50. doi: 10.1186/s11671-020-3283-5.	4.703
57.	Barkat, Al, Kiran Yasmin, Hamid Majeed, Yamei Jin, Dan Xu, Zhiming Rao, Xueming Xu. 2022. Impact of Soy–Cow's mixed milk enzyme modified cheese on bread aroma. <i>LWT</i> Volume 154, 15, 112793	6
58.	Tahir Mahmood Qureshi , Muhammad Nadeem , Farzana Maken , Anum Tayyaba , Hamid Majeed , Masooma Munir. 2020. Influence of ultrasound on the functional characteristics of indigenous varieties of mango (<i>Mangifera indica</i> L.). <i>Ultrasonics Sonochemistry</i> . Volume 64, June 2020, 104987	8.4
59.	Iqbal KJ, Majeed H, Iqbal KJ, Asghar M, Azmat H, Fatima M, et al. (2023) Administration of vitamin E and C enhances immunological and biochemical responses against toxicity of silver nanoparticles in grass carp (<i>Ctenopharyngodon idella</i>). <i>PLoS ONE</i> 18(4): e0284285. https://doi.org/10.1371/journal.pone.0284285	3.7
60.	Iqbal KJ, Khan N, Fatima M, Lashari MH, Asad M, Ashraf A, et al. (2023) Determination of heavy metals (Pb, Cr, As, Hg, and Cd) into the body organs of selected fish, water, sediment, and soil samples from Head Punjnad and Head Taunsa, Punjab, Pakistan. <i>PLoS ONE</i> 18(9): e0288163. https://doi.org/10.1371/journal.pone.0288163	3.7
61.	K. JAVED IQBAL ¹ , MUHAMMAD ASHRAF ² , ARSHAD JAVID ² , M. S. CHAUDHRY ¹ , NOOR KHAN ² , HAMID MAJEED ^{3,5} , FARZANA ABBAS ² , M. HAFEEZ-UR-REHMAN ² , FAYYAZ RASOOL ² , MUHAMMAD ALTAFA ⁴ AND IRFAN. 2018. Effect of different feed ingredients on digestive enzymes activity and on the histology of liver and intestine in <i>Labeo rohita</i> Hamilton, 1822. <i>Indian J. Fish.</i> , 65(4): 93-101, 93	0.5

	DOI: 10.21077/ijf.2018.65.4.62647-11	
62.	Khan, M.; Manzoor, Z.; Rafiq, M.; Munawar, S.H.; Waqas, M.Y.; Majeed, H.; Shah, S.Z.A.; Hussain, R.; Hussain, H.I.; Tahir, T.; 2022. Phytochemical Screening, Anti-Inflammatory, and Antidiabetic Activities of Different Extracts from <i>Caralluma edulis</i> Plant. <i>Molecules</i> 2022, 27, 5346. https://doi.org/10.3390/molecules27165346	4.6
63.	Marwan M.A. Rashed, Chao Zhang, Abduljalil D.S. Ghaleb, JingPeng Li, Ahlam Nagi, Hamid Majeed, Amr M. Bakry, Junaid Haider, Zhou Xu, Qunyi Tong. 2019. Techno-functional properties and sustainable application of nanoparticles-based <i>Lavandula angustifolia</i> essential oil fabricated using unsaturated lipid-carrier and biodegradable wall material. <i>Industrial Crops and Products</i> , 136, 15, 66-76	5.9

Co-supervising M.Phil. (2018 – 2019) research student in project entitled “Combined encapsulation of clove-mint oil in nanoemulsions using whey protein isolate and their role in broiler chick disease prevention as green alternative to antibiotics.

Co-supervising BSc (Hons) 2018 – 2019) research student in project entitled “Exonuclease solid particle oil in water nanoemulsion and their role in saccharification for ethanol production.

Co-supervising BSc (Hons) 2018 – 2019 research student in project entitled “Endonuclease solid particle oil in water nanoemulsion and their potential in saccharification for ethanol production.

Co-supervising BSc (Hons) 2018 – 2019 research student in project entitled “Industrial waste water treatment using TiO₂ nanoparticles for reuse to avoid water scarcity.

Accomplished Projects

A research project entitled “Influence of Octenyl succinic anhydride (OSA)” Corn plant starch on the physicochemical characteristics of flax seed oil-eugenol (clove plant) nanoemulsions was completed in 2017 at Jiangnan University, Wuxi, Colloids and Biotechnology Laboratory, School of Food Science and Technology.

A research project entitled “Formation of chitosan nanoparticles to encapsulate krill oil (*Euphausia superba*) for application as a dietary supplement” was completed in 2017 at Jiangnan University, Wuxi, Colloids and Biotechnology Laboratory, School of Food Science and Technology.

A research project entitled “Sustained release human growth hormone microspheres” was started in 2017 at Shanghai Jiaotong University to date.

CONFERENCES

- One day workshop on Bioinformatics held at Mohammad Ali Jinnah University, Islamabad Pakistan (8th May, 2010).

- **9th**Biennial National Conference of Pakistan Society for Biochemistry and Molecular Biology (Dec 17-10,2008)
- **1st**international conference of Plant Scientists Held at university of Faisalabad 21-24 April, 2008.
- Poster presentation in a conference Nanotechnology: Better food and Better Life held at Wuxi, China 10-13 March 2011.
- Paper presentation entitled Action mechanism of small and large molecule surfactants based clove oil nanoemulsions against food borne pathogens in conference held in **Jiangnan University, Wuxi on (22-23) September 2015.**
- Paper Presented entitled “Toxicity assessment of Eugenol (clove oil) nanoemulsions in CD1 mice” in 3rd International Conference on Biosciences- **2018 May 9th to 11th held at GC University Lahore** Pakistan.
- Paper presented entitled “Bactericidal mechanism of negatively charged clove oil nanoemulsions” in International conference of Plant sciences held at **Department of Botany GC University Lahore 5th to 7th December 2018.**
- Participated as Lead lecture in Provincial Coordination meeting on inventory of initial and new persistent organic pollutants (POPS) in Pakistan held on **11th December 2018** at Hospitality Inn, Lahore.

WORK EXPERIENCE

2006-2007: Visiting Lecturer, institute of pure and applied biology, Bahauddin Zakariya University Multan Pakistan.

2007-2008: Internship, Agriculture Department Multan Pakistan under National internship programme.

2010 April -November: Worked as Research Associate, in Molecular Diagnostics and Research Lab (NORI) Islamabad.

2015 July – 31st Dec 2015. Worked as Research Associate in a Research of Agricultural Division National Institute of Bioremediation, PARC Islamabad.

January 2016 – June 2017. Worked as Post-doctoral fellow at Jiaotong University China.

2017 August – 30th March 2018. Worked as Research Associate at Food Science Research Institute, National Agriculture Research Centre Islamabad.

2018 April – 2nd April 2019: Working as Assistant Professor (IPFP) Department of Botany, GC University Lahore.

2019 April – To-Date: Working as Assistant Professor Department of Food Sciences, Cholistan University of veterinary and animal sciences, Bahawalpur, Pakistan.

References: will be furnished on demand.

Prof. Zhong Fang

Director School of International

Education and Professor School

Of Food Science and Technology

Jiangnan University, Wuxi

fzhong@jiangnan.edu.cn