



MOHAMMAD JAMSHED AHMAD SIDDIQUI

Assistant Professor
Department of Pharmaceutical Chemistry
Kulliyah of Pharmacy,
International Islamic University Malaysia (IIUM)
Indera Mahkota, Kuantan campus-25200
Pahang, Malaysia.
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POSITION

A researcher and academician by training and can excel both in academics as well as in research with expertise in development of new and inexpensive process technologies and sound knowledge of API's, NCE's and IPR. Proficiency in Medicinal Chemistry, Pharmacognosy, Organic Chemistry and Pharmaceutical Analysis

EDUCATION

Pharmaceutical Policy and Analysis Summer course Utrecht University Utrecht 2014

PDF	Pharmaceutical Chemistry	U.S.M. Penang, Malaysia	2008-2011
PhD	Chemistry	A.M.U. Aligarh, INDIA	1991
MPhil	Chemistry	A.M.U. Aligarh, INDIA	1987
MSc	Organic Chemistry	A.M.U., Aligarh, INDIA	1985

SCOPUS AUTHOR DETAILS

International Islamic University Malaysia, Department of Pharmaceutical Chemistry,
Kuala Lumpur, Malaysia; Author ID: 35223954200



<http://orcid.org/0000-0002-9543-7605>

EXPERTIES

- Natural Products Chemistry
- Active Pharmaceutical Ingredients
- New Chemical Entities
- Synthetic Chemistry
- Analytical Method development
- Metabolomics

RESEARCH GRANTS

- **Principal Investigator-** Bioactive compounds in *Tetracera scandens* extracts by LC-QTOF-MS-based metabolomics and correlation with xanthine oxidase activity **RMCG20-028-0028; RM 20000.00**
- **Principal Investigator-**GC-MS-based metabolite profiling of flesh of Salak (*Salacca Zalacca*) fruit and its inhibitory activity against alpha-glucosidase enzyme **RIGS15-099-0099; RM 23600.00**
- **Principal Investigator-** Fingerprinting of *Syzygium companulatum* (kelat paya) leaf extracts utilizing gas chromatography-mass spectrometry (GC-MS) and metabolomics for their quality and efficacy profile **EDWB14-094-0979/2014; RM 20000.00**
- **Co Researcher-** Molecular characterization and modification of 5,7,8-trihydroxyflavone and its chemical analogues to discover a novel antihyperglycemic agent **SRCG20-002-0002; RM 20000.00**
- **Co Researcher-** Identification of alpha-Glucosidase Inhibitors from *Psychotria malayana* Leaf Extract using Liquid Chromatography-Mass Spectrometry-Based Metabolomics and Protein-Ligand Interaction with Molecular Docking **PRIGS18-027-0027; 20000.00**
- **Co Researcher-** Prescribing patterns and factors associated with compliance to diabetes selfcare behaviours and glycaemic control among Pakistani & Malaysian people with type 2 diabetes mellitus **RIGS15-097-0097; RM 20000.00**
- **Co Researcher-** Isolation of alpha-Glucosidase inhibitor from flesh of Salak (*Salacca zalacca*) fruit and its metabolic profile **FRGS16-042-0541; RM 65000.00**
- **Co-researcher-** Undergraduate students research grant entitled “Chemical Profiling of Zingiber Officinale Variants to Assess Their Quality and Safety” B Pharm **B01/08-Res (19) 2011; RM 30000.00**
- **Co-researcher-** Undergraduate students research grant entitled “Chemometric analysis of *Labisia pumila* (*Kacip Fatimah*) variants by Fourier Transform Infrared (FT-IR) Spectroscopy to assess their quality” B Pharm **B01/09-Res (26) 2012; RM 3000.00**
- **Co-researcher-** Undergraduate students grant entitled “Beliefs and Attitude towards complementary and alternative medicines (CAM) use in elderly Malaysians B Pharm **B01/09-Res (35)2012; RM 3000.00**
- **Co-researcher-** Undergraduate students grant entitled “Use and Perceived Benefits of Mouthwash among Malaysians” B Pharm **B01/10-Res (34)2012 RM 2200.00**

RESEARCH SUPERVISION

- Main supervision **Masters student** at IIUM, Kuantan
 - M. Dzail Awanis binti Mohd Bukhari (G1538876) date of registration June 2016
Thesis Title: GC-MS based Metabolite Profiling of *Salacca zalacca* fruit and its Inhibitory Activity against α -Glucosidase Enzyme-**Graduated 2018**

- Ms. Nurfarahhaneem Binti Wahairi (G1535704) date of registration June 2016
Thesis Title: Fingerprinting Profile of *Syzygium companulatum* (Kelat Paya) Leaf Extracts Utilizing Gas Chromatography-Mass Spectrometry (GC-MS) And Metabolomics for Their Antioxidant Potential- **In Progress**
- Mr Ahmed Ahmed Mohamed Nokhala (G1810281) date of registration Sep 2018
Thesis Title: Evaluation of the α -glucosidase inhibitory activity of *Tetracera scandens* L. extracts using metabolomics approach- **Graduated- 2020**
- Main supervision of **one PhD student** at IIUM, Kuantan
 - Mohammed SM Saleh (G1525241) date of registration Sep 2016
Thesis Title: Phytochemical Profiling of Salak (*Salacca zalacca*) Fruit Flesh Extracts Through Metabolomics Approach and Investigations of Antidiabetic and Antioxidant Potential- **Graduated 2019**
- Co supervision of several undergraduate students at IMU, Kuala Lumpur.
- Co supervision of undergraduate students at IIUM, Kuala Lumpur

EXTRA ACADEMIC AFFAIRS

- Examiner PhD Thesis Mr Hammad Saleem, Faculty of Pharmacy, Monash University, Malaysia 2020
- Examiner PhD Thesis Mr Abdul Mannan, Institute of Biochemistry, University of Balochistan, Quetta, Pakistan
- Examiner M. Pharm Pharmaceutical Analysis II, Jamia Hamdard University, Delhi
- Examiner PhD thesis evaluation and conducting Viva -voci examinations on a panel of Jamia Hamdard University, Jamia Hamdard, Delhi.
- Evaluator Six Ph.D thesis of Pharmaceutical Chemistry students of Jamia Hamdard University, Hamdard Nagar, Delhi and taken their Viva voci examinations.
- Evaluator Ph.D. thesis of Pharmaceutical chemistry Karachi University, Karachi, Pakistan.

EDITORIAL BOARD MEMBER

- Pakistan Journal of Pharmaceutical Sciences
- Pharmacologia
- International Journal of Research in Agriculture and Food Sciences (IJSK)

REVIEWER- REVIEWER OF SEVERAL SCIENTIFIC RESEARCH PAPERS

- Natural Products Research
- BMC Research note
- Pakistan Journal of Pharmaceutical Sciences
- Journal of Chemical Society of Pakistan
- Pharmazei
- Acta Pharmaceutica, Croatia

- African Journal of Agricultural Research
- Journal of Ethnopharmacology
- Journal of Medicinal Plants Research
- Arabian Journal of Chemistry
- Journal of Pharmacy & Bioallied Sciences
- Antibiotics (MDPI)
- International Journal of Biochemistry Research & Review
- Brazilian Journal of Pharmaceutical Sciences
- Progress in Nutrition
- Microscopy Research & Technique

PRESENT ASSIGNMENTS

- International Islamic University Malaysia, Kuantan Malaysia (IIUM)
Assistant Professor, Pharmaceutical Chemistry, **June' 2012- Till date**

PAST EXPERIENCE

- International Medical University, Kuala Lumpur Malaysia (IMU)
Senior Lecturer, Pharmaceutical Chemistry, **March' 2011- June' 2012**

TEACHING PORTFOLIO

UNDERGRADUATE TEACHING/POST-GRADUATE TEACHING & RESEARCH

TEACHING EXPERIENCE AT IIUM JUNE 2012- TILL DATE

- COURSE TITLE: PHM1113 (Islamic input in Pharmacy); SEM :1; YEAR 1 LEVEL: Undergraduate; NUMBER OF LECTURES:3; NUMBER OF STUDENTS:138.
- COURSE TITLE: PHMC 1214 (Organic Chemistry); SEM :2; YEAR 1; LEVEL: Undergraduate; NUMBER OF LECTURES:8; NUMBER OF STUDENTS:138.
- COURSE TITLE: PHMC 2162 (Pharmaceutical Analysis II); SEM :1; YEAR 2; LEVEL: Undergraduate; NUMBER OF LECTURES:12; NUMBER OF STUDENTS:100; COURSE COORDINATOR
- COURSE TITLE: PHMC 2122 (Fundamental of Medicinal Chemistry); SEM :1; YEAR 2; LEVEL: Undergraduate; NUMBER OF LECTURES:8; NUMBER OF STUDENTS:100.
- COURSE TITLE: PHMC 3263 (Pharmacognosy); SEM :2; YEAR 3; LEVEL: Undergraduate; NUMBER OF LECTURES:6; NUMBER OF STUDENTS:138; COURSE COORDINATOR
- COURSE TITLE: PHM 3012 (Research Project-LS)); SEM :1; YEAR 3; LEVEL: Undergraduate; NUMBER OF LECTURES: Guidance; NUMBER OF STUDENTS: 98.
- COURSE TITLE: PHM 4112 (Quality Assurance); SEM :1; YEAR 4; LEVEL: Undergraduate; NUMBER OF LECTURES:8; NUMBER OF STUDENTS:100;
- COURSE TITLE: PHM4171 [Problem based learning II (PBL)]; SEM :1; YEAR 4; LEVEL: Undergraduate; NUMBER OF LECTURES: Counseling; NUMBER OF STUDENTS:100.

- COURSE TITLE: PHMC (Experimental methodology); SEM :1; YEAR 1; LEVEL: Post Graduate; NUMBER OF LECTURES:2; NUMBER OF STUDENTS:30
- COURSE TITLE: AHB1312 (Basic Chemistry), SEM 1, Year 1; Level: Undergraduate; Number of Lectures 28: Number of students: 66
- COURSE TITLE: PPPC 2272 (Halal Pharmaceutical), SEM 2, Year 2; Level: Undergraduate; Number of Lectures 5: Number of students: 40
- COURSE TITLE: PPPC (Pharmaceutical Organic Chemistry), SEM 1, Year 1; Level: Undergraduate; Number of Lectures 28: Number of students: 107
- COURSE TITLE: PPPC (Pharmaceutical Analysis), SEM 2, Year 1; Level: Undergraduate; Number of Lectures 20: Number of students: 100

EMPLOYMENT HISTORY

International Medical University (IMU), Kuala Lumpur, Malaysia

- March' 2011- June' 2012: Senior Lecturer, Pharmaceutical Chemistry,

Universiti Sains Malaysia (USM), Penang Malaysia

- Feb'2008 – Feb'2011: Post-doctoral Fellow, Pharmaceutical Chemistry

Dabur Research Foundation (DRF), Ghaziabad India

- 1994–2008: Research Associate-Manager (Principal Research Scientist), Chemical Research Lab of Dabur Research Foundation, Sahibabad, Ghaziabad, Uttar Pradesh-201010, India

Atul Products Ltd, Valsad, India

- 1992-1993: Scientist, Atul Products Ltd. Valsad, Gujarat.

Southern Herbal Ltd, Bangalore, India

- 1993-1994: Scientist and lab in charge, Southern Herbals Ltd, Bangalore, India

PROFESSIONAL FELLOWSHIPS

- As a senior research fellow (Department of Science and Technology) under Dr. D.K. Kulshreshtha, Medicinal Chemistry Division, CDRI, Lucknow (U.P.).
- As a junior research fellow and senior research fellow (Central Council for Research in Unani Medicine), Department of Chemistry, A.M.U. Aligarh, India.

PERSONAL

- Date of Birth: 09-07-1962; Nationality: Indian
- Marital Status: Married
- Passport No: K9690243 Expiry: 27-06-2023
- Visa **Resident Pass** Talent Corp, Malaysia Expiry:23-05-2023

MEMBERSHIP

- Indian Pharmaceutical Association (IPA): Life member
- Malaysian Pharmaceutical Society (MPS): Member
- The International Pharmaceutical Federation (FIP): Member

COMPUTER SKILLS

MS word, Excel, PowerPoint, Chem draw, Sci Finder

PUBLICATIONS

1. Mohammed S.M. Saleh, Mohammad Jamshed Siddiqui, Hussah Abdullah, Alshwyeh, Nabil Ali Al-Mekhlafi, Ahmed Mediani, Zalikha Ibrahim, Nor Hadiani Ismail, Yusof Kamisah. Metabolomics-based profiling with chemometric approach to identify bioactive compounds in *Salacca zalacca* fruits extracts and *in silico* molecular docking. **Arabian Journal of Chemistry (Elsevier) 2021** 14, 103038; Pubmed; Scopus (IF: 4.76) *Corresponding author
2. Mohammed S. M. Saleh, Mohammad Jamshed Siddiqui, Nabil Ali Al-Mekhlafi, Hussah Abdullah Alshwyeh, Ahmed Mediani, Nor Hadiani Ismail, and Yusof Kamisah. Gas Chromatography-Mass Spectrometry Coupled with Multivariate Statistical Analysis to Identify the Alpha Glucosidase Inhibitors from Flesh of *Salacca zalacca* Fruits and Their Molecular Docking Studies. **Evidence-Based Complementary and Alternative Medicine 2021 (Hindawi)** Volume 2021, Article ID 8867773, 10 pages <https://doi.org/10.1155/2021/8867773>; Pubmed; Scopus (IF: 2.06) *Corresponding author
3. Mohammed S.M. Saleh, **Mohammad Jamshed Siddiqui**, Ahmed Mediani , Qamar Uddin Ahmed, Siti Zaiton MatSo'ad, Salima Saidi-Besbes, Mohamed HassanElnaem, Hairol Azrin Othman, Nor Hadiani Ismail. Modulation of metabolic alterations of obese diabetic rats upon treatment with *Salacca zalacca* fruits extract using ¹H NMR-based metabolomics. **Food Research International (Elsevier) 2020 Vol 137, 1095547**; Pubmed ; Scopus (IF: 4.97) *Corresponding author
4. Ahmed Nokhala, **Mohammad Jamshed Siddiqui***, Qamar Uddin Ahmed, Muhammad Safwan Ahamad Bustamam, and Zainul Amiruddin Zakaria. Investigation of α -Glucosidase Inhibitory Metabolites from *Tetracera scandens* Leaves by GC–MS Metabolite Profiling and Docking Studies. **Biomolecules (MDPI) 2020**, Volume 10, Issue 2, 287; Indexed in: Pubmed; (IF: 4.69); DOI: 10.3390/biom10020287. *Corresponding author.
5. Ahmed Nokhala, Qamar Uddin Ahmed, Mohammed S.M. Saleh, Tanzina Sharmin Nipun, Al'aina Yuhainis Firus Khan, **Mohammad Jamshed Siddiqui***, Characterization of α -glucosidase inhibitory activity of *Tetracera scandens* leaves by Fourier transform infrared spectroscopy-based metabolomics. **Oriental Pharmacy and Experimental**

- Medicine (Springer) 2019**, Indexed in: Pubmed; (IF: 0.71); DOI: 10.1007/s13596-019-00417-6. *Corresponding author
6. Ahmed Nokhala, **Mohammad Jamshed Siddiqui***. Phytochemicals and biological activity of *Tetracera scandens* (Linn.) Merr. (Dilleniaceae): a short review. **Journal of Pharmacy and Bioallied Science (Medknow) 2020**, Vol 12, issue (3), 217-222. Indexed in: Pubmed; DOI: 10.4103/jpbs.JPBS_192_19 *Corresponding author.
 7. Saleh MSM, Bukhari, D.A.M., **Siddiqui, M.J.A***, Murugesu, S., Khatib, A. (2019). GC-MS Analysis of metabolites from soxhlet extraction, ultrasound-assisted extraction and supercritical Fluid extraction of *Salacca zalacca* flesh and its alpha-glucosidase inhibitory activity. **Natural Products Research (Taylors & Frances) 2019**; 1-4, Indexed in: Pubmed; (IF:1.99); DOI.ORG/10.1080/14786419.2018.1560295. *Corresponding author.
 8. MSM Saleh, **MJ Siddiqui***, A Mediani, NH Ismail, QU Ahmed, SZM So'ad (2019). *Salacca zalacca*: A short review of the palm botany, pharmacological uses and phytochemistry. **Asian Pacific Journal of Tropical Medicine (Medknow) 2019**; 11 (12): 645; Indexed in: Pubmed; (IF:1.77); DOI: 10.4103/1995-7645.248321. * Corresponding author.
 9. **MJ Siddiqui***, A Aslam, T Khan. Comparison and evaluation of different seed extracts of *Trachyspermum ammi* for immunomodulatory effect on cell-mediated immunity through delayed-type hypersensitivity assay. **Journal of pharmacy & bioallied sciences (Medknow) 2019**;11, (1):43; Indexed in: Pubmed; DOI: 10.4103/jpbs.JPBS_174_18. *Corresponding author.
 10. Mohammed S M Saleh, **Mohammad Jamshed Ahmad Siddiqui***, Siti Zaiton Mat So'Ad, Fatimah Roheem, Salima Saidi Bes-Bes, Alfi Khatib (2018). Correlation of FT-IR fingerprint and α -glucosidase Inhibitory activity of Salak (*Salacca zalacca*) fruit extracts utilizing orthogonal partial least square. **Molecules (MDPI) 2018**; 23 (6) ,1434.Indexed in: Pubmed; (IF: 3.06); DOI: 10.3390/molecules23061434; *Corresponding author
 11. Mohammed S M Saleh, **Mohammad Jamshed Ahmad Siddiqui***, Siti Zaiton Mat So'Ad, S Murugesu, Alfi Khatib, Md. Mokhlesur Rahman (2018). Antioxidant and α -glucosidase inhibitory activities and gas chromatography–mass spectrometry pro le of salak (*salacca zalacca*) fruit peel extracts. **Pharmacognosy Research (Medknow), 2018**; 10 (4). Indexed in: Pubmed; DOI: 10.4103/pr.pr_7_18; *Corresponding author.
 12. **Siddiqui, M.J.***, Kamarudin, M.F.B., Al-Shami, A.K.M., Mat So'Ad, S.Z.M., Jamshed, S.Q. (2018). Moxibustion (*Artemisia* plant at acupuncture point) as alternative therapy in Hypertension: A promising approach. **Journal of Pharmacy and Bioallied Science (Wolters Kluwer - Medknow). 2017**; 9, 279-81; Indexed in: Pubmed; Scopus DOI: 10.4103/jpbs.JPBS_24_17; *Corresponding author
 13. **Mohammad J. Siddiqui**, Mohammed S. M. Salih, Siti N. B. Binti Basharuddin, Siti H. Binti Zamri, Mohd H. bin Mohd Najib, Muhammad Z. bin Che Ibrahim, Nur A. binti Mohd Noor, Hanin N. Binti Mazha, Norazian b. Mohd Hassan, Alfi Khatib. Saffron

- (Crocus sativus L.): As an Antidepressant. **Journal of Pharmacy and Bioallied Sciences (Wolters Kluwer - Medknow)**. 2018; 10 (4),1-8. ISSN 0975-7406. Indexed in: Pubmed; Scopus. DOI: [10.4103/JPBS.JPBS_83_18](https://doi.org/10.4103/JPBS.JPBS_83_18). *Corresponding author
14. Mohd Bukhari, D.A., **Siddiqui, M.J.*** Shamsudin S.H. Rahman, M.M., Mat So'ad, S.Z alpha- Glucosidase inhibitory activity of selected Malaysian plants. **Journal of Pharmacy and Bioallied Sciences (Medknow)**. 2017; 9, 164-70: Indexed in: Pubmed; DOI:[10.4103/jpbs.JPBS_35_17](https://doi.org/10.4103/jpbs.JPBS_35_17); *Corresponding author.
 15. Khan, M.U., Jamshed, S.Q., Ahmad, A.), **Siddiqui, M.J.**, Al- Shami, A.K. Use of complementary and alternative medicine among osteoarthritic patients: A review. **Journal of Clinical and Diagnostic Research (JCDR Publishers)**. 2016, 0 (2), 0 pp. 1-6. Indexed in : Pubmed; DOI: [10.7860/JCDR/2016/15211.7168](https://doi.org/10.7860/JCDR/2016/15211.7168); Co-author
 16. **Siddiqui MJA***, Yan YY, Verma R, Jamshed SQ. Role of Complementary and Alternative Medicine (CAM) in Geriatric Care: A Mini Review. **Pharmacognosy Reviews (Medknow)**. 2014;8(16). Indexed in: Pubmed; DOI: [10.4103/0973-7847.134230](https://doi.org/10.4103/0973-7847.134230); *Corresponding author.
 17. Mitha S, Nagarajan V, Babar MG, **Siddiqui MJA**, Jamshed SQ. Reasons of using complementary and alternative medicines (CAM) among elderly Malaysians of Kuala Lumpur and Selangor states: An exploratory study. **Journal of Young Pharmacists**. 2013;5(2):50-3. Index in: Pubmed; DOI: [10.1016/j.jyp.2013.05.002](https://doi.org/10.1016/j.jyp.2013.05.002); Co-author
 18. Jamshed SQ, Elkalmi R, Al-Shami AK, Shamsudin SH, **Siddiqui MJA**, Aziz MA, et al. Understanding of antibiotic use and resistance among final year pharmacy and medical students: A pilot study. *Journal of infection in Developing countries*. **Journal of infection in Developing countries** 2013. Indexed in: Pubmed, DOI: [10.3855/jidc.3833](https://doi.org/10.3855/jidc.3833); Coauthor
 19. Izzati N, Al-Alela O, Elkalmi RM-, **Siddiqui MJ***, Mat-so-ad SZB, Ahmed Qu, et al. Breast Self-Examination (BSE) and Attitude towards Breast Self-Examination (BSE) among Women: A Narrative Review. **Journal of Pharmaceutical BioSciences**. 2013;2:64-75. Coauthor
 20. Aisha A, Ismail Z, Abu-Salah K, **Siddiqui MJ**, Ghafar G, Abdul Majid AM. Syzygium campanulatum korth methanolic extract inhibits angiogenesis and tumor growth in nude mice. **BMC Complementary and Alternative Medicine**. 2013;13(1):168. Indexed in: Pubmed, DOI: [10.1186/1472-6882-13-168](https://doi.org/10.1186/1472-6882-13-168). (IF: 2.8); Coauthor
 21. Mohamed B. Khadeer Ahamed, Abdalrahim F. A. Aisha, Zeyad D. Nassar, **M. Jamshed Siddiqui**, Z. Ismail, S.M.S. Omari, et al. Cat's Whiskers Tea (Orthosiphon Stamineus) Extract Inhibits Growth of Colon Tumor in Nude Mice and Angiogenesis in Endothelial Cells via Suppressing VEGFR Phosphorylation. **Nutrition and Cancer** 2012 64(1):89-99. DOI: [10.1080/01635581.2012.63016](https://doi.org/10.1080/01635581.2012.63016); (IF:2.47); Coauthor

22. Mohamed EA, **Siddiqui MJ**, Ang L, Sadikun A, Chan S, Tan S, et al. Potent alpha-glucosidase and alpha-amylase inhibitory activities of standardized 50% ethanolic extracts and sinensetin from *Orthosiphon stamineus* Benth as anti-diabetic mechanism. **BMC Complementary and Alternative Medicine**. 2012;12(1):176. DOI: 10.1186/1472-6882-12-176; (IF: 2.47); Coauthor
23. **Siddiqui MJA***, Ismail Z. Simultaneous Analysis of Bioactive Markers from *Orthosiphon Stamineus* Benth Leaves Extracts by Reverse Phase High Performance Liquid Chromatography. **Tropical Journal of Pharmaceutical Research**. 2011 February 2011;10(1):97-103. Indexed in: Pubmed; DOI: 10.4314/tjpr.v10i1.66548; (IF:0.3);
* Correspondingauthor
24. **Siddiqui MJ***, Saidan N, Ismail Z. Simultaneous determination of secondary metabolites from *Vinca rosea* plant extractives by reverse phase high performance liquid chromatography. **Pharmacognosy Magazine**. 2011 April 1, 2011;7(26):92-6. Indexed in: Pubmed); (IF: 1.5); *Corresponding author
25. Shahfai A, Farsi E, Ahmad BMK, **Siddiqui MJ**, Attitalla IH, Ismail Z, et al. Evaluation of Toxicological and Standardization Parameters and Phytochemical Investigations of *Ficus deltoidea* Leaves. **American Journal of Biochemistry and Molecular Biology** 2011;1(3):237-43. DOI: 10.3923/ajbmb.2011.237.243; Coauthor
26. Beng GT, Mohamad Razak Hamdan, **Mohammad Jamshed Siddiqui**, Mohd Nizam Mordi, Sharif Mahsufi Mansor. A simple and cost effective isolation and purification protocol of mitragynine from *Mitragyna speciosa* Korth (Ketum) leaves. The Malaysian Journal of Analytical Sciences, Vol 15 No 1 (2011): 54 - 60. 2011;15(1):54-60. Co author
27. AishaI AFA, Abu-SalahII KM, NassarI ZD, **Mohammad J. SiddiquiI**, IsmailIII Z, Majid AMSA. Antitumorigenicity of xanthenes-rich extract from *Garcinia mangostana* fruit rinds on HCT 116 human colorectal carcinoma cells. *Brazilian Journal of Pharmacognosy* 2011;21(6):1025-34. Co author
28. Abdulrahim F.A. Aisha, Zeyad D. Nassar, **Mohammad J. Siddiqui**, Khalid M. Abu-Salah, Salman A. Alrokayan, Zhari Ismail, et al. Evaluation of Antiangiogenic, Cytotoxic and Antioxidant Effects of *Syzygium aromaticum* L. Extracts. **Asian Journal of Biological Sciences**. 2011;4(3):282-90. Coauthor
29. **Siddiqui MJ***, Z. Ismail, Aisha AFA, Majid AMSA. Cytotoxic activity of *Catharanthus roseus* (Apocynaceae) crude extracts and pure compounds against Human Colorectal Carcinoma Cell Line. **International Journal of Pharmacology**. 2010;6(1):43-7. (IF:1.5); *Corresponding author
30. Ameer OZ, Salman IM, **Siddiqui MJ**, Yam MF, Sriramaneni RN, Sadikun A, et al. Cardiovascular activity of the n-butanol fraction of the methanol extract of

- Loranthus ferrugineus Roxb. **Braz J Med Biol Res.** 2010 Feb;43(2):186-94. Indexed in :Pubmed; Coauthor
31. Ameer OZ, Salman IM, **Siddiqui MJ**, Yam MF, Sriramaneni RN, Mohamed AJ, et al. Pharmacological mechanisms underlying the vascular activities of Loranthus ferrugineus Roxb. in rat thoracic aorta. **J Ethnopharmacol.** 2010 Jan 8;127(1):19-25. (IF:3.15); Indexed in: Pubmed; Coauthor.
 32. **Siddiqui MJ***, Hafizoh S, Ismail Z, Muath H S H, Abdul Majid A M S. Analysis of Total Proteins, Polysaccharides and Glycosaponins contents of Orthosiphon stamineus (BENTH.) in spray and freeze methanol: water extract (1:1) extracts and its contribution to cytotoxic and angiogenic activities. **Pharmacognosy Research.** 2009;1(5):320-6. Indexed in: Pubmed; *Corresponding author
 33. Omar Z. Ameer, Ibrahim M. Salman, **Mohammad Jamshed A Siddiqui**, Mun Fei Yam, Raghava Naidu Sriramaneni, Amirin Sadikun, et al. Vascular responsiveness to different extracts of macrosolen cochinchinensis in isolated rat aortic rings preparations. **International Journal of Pharmacology.** 2009;5(3):191-9. (IF:1.5); Coauthor
 34. Ameer OZ, Salman IM, **Siddiqui MJA**, Yam MF, Sriramaneni RN, Sadikun A, et al. In Vitro Cholinomimetic Effect of Loranthus Ferrugineus in Isolated Guinea Pig Ileum. **Journal of Acupuncture and Meridian Studies.** 2009;2(4):288-93. Indexed in: Pubmed Coauthor
 35. Ameer OZ, Salman IM, **Siddiqui MJ**, Yam MF, Sriramaneni RN, Sadikun A, et al. Characterization of the possible mechanisms underlying the hypotensive and spasmogenic effects of Loranthus ferrugineus methanolic extract. **Am J Chin Med.** 2009;37(5):991-1008. (IF:3.0); Indexed in: Pubmed ; Coauthor
 36. Ameer OZ, Salman IM, **Siddiqui MJ**, Yam MF, Sriramaneni RN, Sadikun A, et al. In vitro cholinomimetic effect of Loranthus ferrugineus in isolated guinea pig ileum. **J Acupunct Meridian Stud.** 2009 Dec;2(4):288-93. Indexed in: Pubmed; Coauthor
 37. Mukherjee R, Jaggi M, **Siddiqui MJ**, Srivastava SK, Rajendran P, Vardhan A, et al. Synthesis and cytotoxic activity of 3-O-acyl/3-hydrazine /2-bromo/20,29-dibromo betulinic acid derivatives. **Bioorg Med Chem Lett.** 2004 Aug 2;14(15):4087-91. (IF:2.42) ; (Indexed in: Pubmed). Coauthor
 38. Mukherjee R, Jaggi M, Rajendran P, Srivastava SK, **Siddiqui MJA**, Vardhan A, et al. Synthesis of 3-O-acyl/3-benzylidene/3-hydrazone/3-hydrazine/17-carboxyacryloyl ester derivatives of betulinic acid as anti-angiogenic agents. **Bioorganic & Medicinal Chemistry Letters.** 2004;14(12):3169-72. (IF:2.42) ; (Indexed in: Pubmed). Coauthor
 39. Mukherjee R, Jaggi M, Rajendran P, **Siddiqui MJA**, Srivastava SK, Vardhan A, et al. Betulinic acid and its derivatives as anti-angiogenic agents. **Bioorganic & Medicinal Chemistry Letters.** 2004;14(9):2181-4; (IF: 2.42); (Indexed in: Pubmed). Coauthor

40. **M.J.A. Siddiqui**, S. Qasim, M.T.Aftab. Evaluation of general toxicities and myocardial catecholamines in adriamycin treated rabbits. *Hamdard Medicus*. 1999;Oct-Dec. Coauthor
41. **M J.A. Siddiqui**, K.M. Shamsuddin. A one pot synthesis of 4 – phenylcoumarins, . **Journal of Chemical Research(S)**. 1998:392. PhD thesis work. (Indexed in: Pubmed); Coauthor
42. **M.J.A. Siddiqui**, S.A. Khan, B.A. Dar, K.M. Shamsuddin. A Furocoumarin from *Angelica Gluca Edgw.*, **Indian Journal of Chemistry**. 1989;28B:96. PhD thesis work. (Indexed in: Pubmed); Coauthor

CONFERENCE PROCEEDINGS

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Book Chapter

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