**Dr Mohammad Jamali** 

MS; PhD; CSci, FIBMS.

Program Leader/Assistant Professor

Department of Health & Medical Sciences

**Khawarizmi International College**

Al Ain, Abu Dhabi, United Arab Emirates

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Research ID: <http://www.researcherid.com/rid/A-8536-2019>

# Area of Expertise:

A determined professional with substantial involvement in academics, administrative, regulatory and quality management activities spanning different organizations, I am committed to a personal and departmental professional development.

Being a motivated educator and clinical scientist for more than two decades, and after serving many busy medical laboratories where a high level of understanding of investigative techniques and administrative skills were needed, and the ability of a clinical liaison was an essential job responsibility, for the past 5 years I have been working as a full time academician and serving the profession accordingly by mentoring and developing new talents.

Written several articles which were successfully published in peer reviewed journals, recently authored book(s) and achieved an academic doctorate from a word class university (NAAC ranking A category in **Medicinal Chemistry and Biochemistry**.

A Permanent member of the **Science Council** of the United Kingdom, in the capacity of a **Chartered Scientist**, where my professional registration is considered as an assurance that an individual is practicing at the forefront of their profession and remains competent throughout their career. Single chartered mark is considered for all scientists, recognizing high levels of professionalism and competence in science through this background and I have been mentoring allied health professionals towards achieving professional competence and the associated knowledge based in practical settings.

**International Clinical Scientist** – a Member of the American Society for Clinical Pathology (**ASCP**) and a **Fellow member** of the Institute of Biomedical Sc, United Kingdom.

# Academic Qualifications:

**2014-2019 Doctor of Philosophy (PhD) Medicinal Chemistry**

Ph.D. Thesis submitted Title: ***A Comprehensive Study on Appropriateness of Usage and Possible Health Hazards of over the counter (OTC) Medications***

Banasthali Vidyapith, Banasthali, Rajasthan, India.

A university of excellent repute, having prestigious membership of association of commonwealth universities, Indian Universities, and QS ranked.

[<http://www.banasthali.org>]

**2009-2012 Doctor of Philosophy (PhD) - Biochemistry**

Thesis Title**: “*Antioxidant activity evaluation and some medicinal plants***

***possessing antioxidant properties- an overview mechanism of Murrayya***

***Koenigii and Cinnamomum Tamala”***

CMJ University, Ri-Bhoi District, Jorabat Shillong, Meghalaya, India.

[<http://www.cmjumeghalaya.edu.in>]

**1996-1997 Master in Philosophy (MPhil) – Biochemistry**

Thesis Title: *“A study of antimicrobial activity of medicinal plants and its*

*Bioinformatics”.*

### [Veer Bahadur Singh Purvanchal University Jaunpur](http://www.vbspu.ac.in/), UP, India.

[<http://www.vbspu.ac.in>]

**1994-1996 Master of Science in Forensic Sc with Biochemistry and Toxicology**

Dr Hari Singh Gour Vishwavidyalaya- a central university Sagar, MP India.

[<http://www.dhsgsu.ac.in>]

**1992-1993 Post Graduate Diploma in Clinical Pathology**

Aligarh Muslim University, Aligarh, UP India.

[<http://www.amu.ac.in>]

**1987-1991 Bachelor of Science in Chemistry (Honours)**

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### [Babasaheb Bhimrao Ambedkar Bihar University, Muzaffarpur, Bihar](http://www.brabu.net/), India.

[<http://www.brabu.net.>]

Professional Experience

**Program Leader- Health & Medical Science (HMS)/Assistant Professor**

**Department of Health & Medical Science**

**KIC, Abu Dhabi UAE**

**[http://www.kic.ac.ae]**

**September 2019-**

Serving the department of Health and Medical Science as an integral part of the academic management team, reporting and supporting to the Provost and/or Head of Health & Medical Science, while providing leadership to the faculty in the department, laboratory personnel, ensuring that necessary resources for effective instruction and advising are made available to faculty in a timely manner. Supporting the management to achieve many quality parameters which supports the organic growth of the institution.

Responsible for ensuring a quality educational experience for students.

**Deputy Head/Assistant Professor**

**Department of Health & Medical Science**

**KIC, Abu Dhabi UAE**

**[http://www.kic.ac.ae]**

**January 2016- August 2019**

Serving the department of Health and Medical Science as an integral part of the academic management

team, reporting and supporting to the Provost and/or Academic Director, while providing leadership to the faculty in the department, laboratory personnel, ensuring that necessary resources for effective instruction and advising are made available to faculty in a timely manner.

Responsible for ensuring a quality educational experience for students.

Supporting faculty research, supporting student enrolment, supporting student retention, and managing intra/inter departmental operations and finances with Key performance indicator (KPIs) and identified benchmarks.

Being an educator and an administrator, facilitating successful academic and operational outcomes related to student learning, accreditation, hiring, curriculum and faculty development (promoting a reciprocal process for healthy feedback), budgeting, and other related academic and administrative duties.

Also responsible for implementing relevant institutional policies and strategies in collaboration

with other HoDs, its employees, and KIC management.

Exercise effective leadership and management to accomplish the following:

- Ensure quality educational experience in the classroom through

o Competent faculty

o Engaging instructional model

o Engaging curriculum

- Support faculty research and scholarship

- Support student enrolment with

o Product knowledge

o Student engagement

o Transfer of credit

o Community involvement

- Support student retention with

o Positive classroom experience

o Quality advising

o Service mentality

o Collaboration with support staff

- Use KPIs and benchmarks to manage intra-departmental operations and finances relating to

o Staffing and scheduling

o Revenue opportunities

o Expense management

o Budgeting

- Ensure overall quality with a best practice approach to all administrative duties and teaching

Responsibilities under the continuous supervision of Provost.

**Assistant Professor-Medical Laboratory Analysis**

**KIC, Abu Dhabi UAE [http://www. kic.ac.ae]**

**January 2015- December 2016**

**Teaching and Learning:**

Making an effective contribution to the teaching and learning in my discipline, modelling teamwork and flexibility to ensure the pedagogical and commercial success of the faculty and the university.

Contributing to the curriculum, resource program and subject design, development, management and review as required to ensure that learning and teaching in the faculty and across disciplines reflects best practice and a command of the field.

Continuously improving own teaching and learning, including developing a comprehensive teaching portfolio, includes documented lecture plan conforming to the curriculum and contributing to the continuous development and improvement of learning and teaching across the university.

Participating in scholarly activities that influence and enhance learning and teaching in the university.

Preparing high quality subject delivery and learning support materials using any web based platforms, electronic library information systems such as ebrary, Emerald, Biomed, ProQuest, Pubmed, McGraw-Hill and other teaching and learning systems developed for use in the University.

Ensuring that the graduate attributes of the university are embedded in subjects or discipline areas for which they are responsible and that there is explicit relationship of learning and teaching to university objectives.

Complying with all policies and procedures relating to teaching and learning, making every possible effort to contribute to the continuous improvement and effectiveness of administration of teaching and learning.

Acting as a course leader –Medical Laboratory Science and/or area or discipline coordinator including: managing the area/discipline including providing feedback and contributing to performance management; carrying out related planning and coordination responsibilities; organizing the preparation and marking of assignments and all examinations; invigilating examinations; and submitting grades, under the supervision of Head of the department of Health Science and the Provost.

Conducting lectures, tutorials, workshops, practical classes, demonstrations, field excursions, clinical sessions and other appropriate learning activities as required and advised by Head of the department of Health Science and the Provost.

Ensuring that students are adequately informed of the requirements and conduct of learning activities.

Encouraging regular and effective consultation with students during class session and in office hours.

Providing flexible, consistent and timely approaches to assessment and feedback that foster independent learning, incorporate relevant developments, and reflect best practice.

Obtaining feedback from students and/or peers on individual teaching, and making necessary changes and pedagogy in consultation with Head of the department of Health Science and the Provost.

Contributing to internal and external reviews and accreditation of subjects and programs for which they are responsible.

Providing respect and support for the development of students as individuals and thereby contributing to creating the unique bond experience for students in their learning. Continuously instrumental in developing mechanism which motivates the students and helps them to complete the course and find a suitable placement afterwards.

Developing a record of publication in top ranked and other research and scholarly journals and other forms of publication and recognition of that record within the research community.

Participating in research projects and research teams (where appropriate).

Contributing in the department and the university in the policy development, management and review of research service, administration and professional Contributions.

Contributing to department and/or faculty meetings, and serving on committees as required.

Contributing to the financial viability and success of the faculty and University other duties as directed.

**Hospital & Healthcare Professional:**

Global Medical Solutions, under the management of Medical Services Corps, GHQ UAE  [[http://www.gmshm.a](%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20%20http://www.gmshm.a)e] March 2010 – December 2014

**Visiting Professor and Director-in-chief-Academic Council**

Al Shaheen Paramedical College & Hospital, Mashrak Bihar India

<http://www.alshaheeninstitutions.ac.i>n September 2009 - February 2010

**A/Technical & Administrative Supervisor, Satellite Labs at Tawam Hospital, Al Ain UAE, in affiliation with Johns Hopkins Medicine International** June 2008 - August 2009

**Senior Medical Lab. Technologist** at Tawam Hospital, Al Ain UAE, in affiliation with Johns

Hopkins Medicine International [[http://www.tawamhospital.a](%20http://www.tawamhospital.a)e] February 2002 - May 2008

**Medical Technologist** at Tawam Hospital, Al Ain UAE, in affiliation with Johns Hopkins Medicine International [[http://www.tawamhospital.a](http://www.tawamhospital.ae/)e] January 1999 - February 2002

**Hospital & Healthcare Professional** at Ministry of Health Ibri, Al Dhahira Region Oman

August 1997 - December 1998

**Hospital & Healthcare Professional:**

KGN Advance Diagnostic Center Chapra India

*Medical Laboratory Technologist* June 1993 - July 1997

# Academic Honours/Awards/Fellowships

* Registered Chartered Scientist- Science Council – United Kingdom
* Fellow- Institute of Biomedical Science(IBMS)- United Kingdom
* International Clinical Scientist- American Society for Clinical Pathology(ASCP)- US
* Registered Medical Technologist- American Association of Bio analysts US
* Fellow – All India Institute of Medical Technologist(AIIMT) Calcutta India
* Member – Indian Science Council(ISC)- New Delhi
* Member – Indian Association of Medical Laboratory Technologist (IAMLT)- India

# Area of Specialization

* Clinical Chemistry, Analytical Chemistry, Biochemistry
* Pharmacology, Toxicology
* Clinical Laboratory Sciences/Allied Health Sciences
* Healthcare and Hospital Administration

# Academic Responsibilities and Leadership- Editor and reviewer

* Editorial Board Member, Journal of Clinical Trials & Patenting
* International Journal of Medical research and studies.
* Journal of Medical - Clinical Research & Reviews
* **Journal of Medical Practice and Review**
* **Global Journal for Research Analysis**
* International Journal of Scientific Research(IJSR)
* Indian Journal of Research
* Iranian Journal of Management Studies

# International collaborations

* American Society for Clinical Pathology
* American Association of Bioanalysts
* Institute of Biomedical Science- United Kingdom
* Science Council- United Kingdom

# Area of Interests

* Biochemistry and Stress Physiology,
* Pharmacology, Toxicology,
* Healthcare Administration,
* Academic and Institutional Accreditation
* Curriculum Development
* Internal and External Auditing
* Guidance and Counselling.

Research Experience: 22 Years

* *“A Comprehensive Study on Appropriateness of Usage and Possible Health*

*Hazards of over the counter (OTC) Medications”*

* *“Randomized Control Trial (RCT) of Vitamin D Supplementation in pregnancy*

*in a population with endemic Vitamin D Deficiency.”*

* *“A study of antimicrobial activity of medicinal plants and its*

*bioinformatics”.*

* *“Antioxidant activity evaluation and some medicinal plants possessing*

*antioxidant properties- an overview mechanism of Murrayya Koenigii and*

*Cinnamomum Tamala”*

# Teaching Experience: 5 Years (KIC)

I have 5+ years of teaching experience at Graduate level at KIC.

In addition, I am also in guiding and co-supervising/supervising students for their PhD and Master studies.

Teaching Experience- PhD supervisor

1. PhD- Biomedical Sc on the research topic titled effect of antioxidants and B-group vitamins on risk of infections in patients with type 2 Diabetic Mellitus
2. PhD- Biomedical Sc on the research topic titled A clinico-biochemical study of cases of urinary calculi in Bihar with particular reference to the nutritional significance in urinary calculi

# Teaching Experience: 21 Years (Non- KIC)

I have 13 years of teaching experience at Graduate level, Master and PhD level.

Member of academic councils of many academic institutions in India.

In addition, I am also involved in guiding students for PhD and Project of Master students.

# Volunteer Experience:

Serving UAE national students pursuing medical lab profession for their certification at American Society for Clinical Pathology (ASCP)

March 2012 - Present Promote ASCPi international examinations and assist as necessary, with the validation of qualifications of applicants from this region.

Honors and Awards:

Member of advisory board for American Society for Clinical Pathology International-Student Forum for UAE January 2013- Present

Member of Advisory Board for ASCPi-Board of Certification -Student Forum for UAE Recipient of Award for efforts in promoting ASCPi certification in UAE at Arab Health 2013

Member of Charter Mission- International Commission for the Middle East and India for American Society for Clinical Pathology International

Book Published/under preparation:

1. Current thoughts on Dementia: From Risk Factors to Therapeutic Interventions Provisional Title of the proposed book chapter: Citrus Flavonoids: Therapeutic Potential Phytochemicals against the Aggregation, Accumulation and Deposition of Amyloid-beta(Aβ) in Alzheimer’s disease. Author: Hayate Javed, Shreesh Kumar Ojha, **Mohammad Chand Jamali**

Springer Nature, Singapore Chapter Proposal Accepted for publication.

1. An Introduction to First Aid- LAP LAMBERT Academic Publishing GmbH & Co. KG April 10, 2019 Author: **Mohammad Chand Jamali,** Yusra Elobaid, Asma Ahmadani ISBN-13: 978-3-330-02529-5, ISBN-10: 3330025298, EAN: 9783330025295

# Pharmacology of Medicinal Plants & Natural Products.

LAP LAMBERT Academic Publishing GmbH & Co. KG July 26, 2012 Author: **Mohammad Chand Jamali,** Ahmed Al Qahtani

ISBN-13: 978-3659493744, ISBN-10: 3659493740 EAN: 9783659493744

1. Antioxidant Activity Evaluation and Some Medicinal Plants Possessing Antioxidant Properties – An Overview Mechanism.

LAP LAMBERT Academic Publishing GmbH & Co. KG July 26, 2012 Author: **Mohammad Chand Jamali**

ISBN-13: 978-3-659-12869-1, ISBN-10: 3659128694, EAN: 9783659128691

1. *ABC of Pharmacology*- *Under process*
2. *Fundamentals of Hospital Administration -Under process*

Research Publications:

1. **Mohammad Chand Jamali**, Swapnil Sharma, Yusra Elobaid Abdelatif A comprehensive Study on Appropriateness of Usage and Possible Health Hazards

of over the counter Medications- **Communicated**

# [Salman Hussain,](https://www.sciencedirect.com/science/article/abs/pii/S221339842030155X" \l "!) **[Mohammad Chand Jamali](https://www.sciencedirect.com/science/article/abs/pii/S221339842030155X" \l "!)**[,](https://www.sciencedirect.com/science/article/abs/pii/S221339842030155X" \l "!) [Anwar Habib](https://www.sciencedirect.com/science/article/abs/pii/S221339842030155X" \l "!), [Md Sarfaraj Hussain](https://www.sciencedirect.com/science/article/abs/pii/S221339842030155X#!), [Mohd Akhtar](https://www.sciencedirect.com/science/article/abs/pii/S221339842030155X#!), [Abul Kalam Najmi](https://www.sciencedirect.com/science/article/abs/pii/S221339842030155X#!) : Diabetic kidney disease: An overview of prevalence, risk factors, and biomarkers, Science Direct, Clinical Epidemiology and Global Health: <https://doi.org/10.1016/j.cegh.2020.05.016> **Scopus indexed**

## Main Naser Alolayyan, **Mohammad Chand Jamali**, Exploring Creative Linkages of

Healthcare Industry and Academia; International Journal of Scientific and Technology

Research- International Journal of Scientific & Technology Research**,** pp: 6399-6406 ISSN 2277-8616 Scopus **indexed**

## Salman Hussain, Amrish Singh, Saima Zameer**,** **Mohammad Chand Jamali**: No association between proton pump inhibitors use and risk of dementia: Evidence from a meta‐analysis Journal of Gastroenterology & Hepatology [https://doi.org/10.1111/jgh.14789 23..7](https://doi.org/10.1111/jgh.14789%2023..7) 2019 **Scopus indexed Q1**

1. **Mohammad Chand Jamali** The effect of Vitamin D supplementation on women during pregnancy - Drug Invention Today | Vol 11 • Issue 8 • 2019 **Scopus indexed QIII**
2. **Mohammad Chand Jamali**: Presumed effects of Vitamin D during pregnancy on maternal and child outcomes. Drug Invention Today | Vol 12 • Issue 2 • 2019 **Scopus indexed QIII**
3. **Mohammad Chand Jamali**, Impact of continuous Quality Improvement on Healthcare System J Bio. Innov 7(2), pp 176-184, 2018 227-8330
4. **Mohammad Chand Jamali**, An Analysis on Transforming Developments in Electronic Hospital Management & Hospital Information Systems. J Clin Trials Pat : 2573-3834: 2017;1(1) 3 **doi:** [10.13188/2573-3834.1000005](http://dx.doi.org/10.13188/2573-3834.1000005)
5. **Mohammad Chand Jamali**,:A Comparative Analysis upon Mobile Healthcare System and Services: A Case Study of Rural India J Emerg Med Critical Care: 2469-4045: 3(1): 4 (2017) **doi:** [10.13188/2469-4045.1000009](http://dx.doi.org/10.13188/2469-4045.1000009)
6. **Mohammad Chand Jamali**, Innovation in Healthcare Delivery Systems: An Analysis on Burden of Diseases. J Clin Trials Pat 2017;2(1) 4 **doi:** [10.13188/2573-3834.1000008](http://dx.doi.org/10.13188/2573-3834.1000008)
7. **Mohammad Chand Jamali** Antimicrobial Activity of Coriandrum Sativum L. J. Bio. Innov 5(6), pp: 973-978, 2016|ISSN 2277-8330 (Electronic)
8. **Mohammad Chand Jamali** Antimicrobial Activity of Phyllanthus Emblica J. Bio.Innov 5(6), pp: 979-984, 2016|ISSN 2277-8330 (Electronic)
9. **Mohammad Chand Jamali**, K.B. Sharma: To evaluate the independent effect of Abdominal Obesity versus Metabolic Syndrome and Diabetes on the risk of Cardio vascular Disease.2013, 0120(VIRJST): 2277-999X
10. **Mohammad Chand Jamali**, K.B. Sharma: To study the comparative concept of Obesity, Inflammation and Insulin Resistance. 2013, 0121(VIRJST): 2277-999X
11. **Mohammad Chand Jamali**, K.B.Sharma: To study the Measures of General and Abdominal Obesity of Arterial Stiffness in Female Morbidly Obese Patients. 2013, 0122(VIRJST): 2277-999X
12. **Mohammad Chand Jamali**, K.B. Sharma: Cardiovascular Disease Associated with Childhood Obesity-the Importance of Prevention of Childhood Obesity as a Priority over Management of Obesity in Children and Adolescents. 2013, 0123(VIRJST): 2277-999X
13. **Mohammad Chand Jamali**, K.B. Sharma: Obesity and Cardiovascular Risk Factors in Metabolic Syndrome. 2013, 0124(VIRJST): 2277-999X
14. **Mohammad Chand Jamali**, Mukta Sharma: Anti-diabetic and Anti-oxidant Activities of Cinnamomum Tamala Leaf Extracts in STZ-Treated Diabetic Rats - Vinayaka International Journal of Science and Technology. 2012, 004 (VIRJST): 2277-999X.
15. **Mohammad Chand Jamali**, Mukta Sharma: Possible Mechanism of Murraya Koenigii and Cinnamomum Tamala with reference to Antioxidants Activity. 2012, 003(VIRJST): 2277-999X.

# Conferences /Symposia/Workshops Attended

* 1. Attended- Med Lab 2020 Arab Health, Dubai on Feb 6, 2020
  2. Attended- Updates on Cancer- Emirates Association of cancer Support, a MOE supported event, Al Ain, UAE
  3. Attended- American Association of Clinical Chemistry and MBRU, Dubai on Nov 1 & 2, 2019
  4. Attended more than 100 International and National Symposia and Workshops.
  5. Since 1999 till date regularly attending Arab Health/Arab Lab/Med Lab conferences held in Dubai, United Arab Emirates.
  6. Pathology Update sponsored by American Society for Clinical Pathology. (2016 till date)
  7. Designing and Delivering an Engaging Student-Centric Learning Experience (2018).
  8. Many KIC sponsored workshops.

# Seminar and Congress Organized

* Conducted an awareness session on World Alzheimer’s Day at KIC campuses on 24th and 25th of September 2017
* Organized “Human wellbeing and nutrition week at KIC Al Ain campus arranged with >200 participants who got benefited with this event under the umbrella of Dept. of Health and Medical Science.

# Personal Details

Date of Birth December 03, 1968

Place of Birth Chapra –Bihar – India

Civil Status Married and having 2 daughters.