

DR. Mrs. KAISER JAMIL M.Sc., PhD.

(Fellow of) FEMSI; FZSI; FIAPCB; FNEA, FISBT, FWAMS & PHF

Emeritus Research Scientist and Head, Genetics Department,

Office: Bhagwan Mahavir Medical Research Centre, AC Guards,

Hyderabad-500004, T.S.. India

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Nagar, Uppal, Hyderabad-500039, Telangana, India;

ACADEMIC POSITIONS

Starting from First appointment after PhD.

☞ ***Former Scientist of CCMB (Centre for Cellular and Molecular Biology- CSIR)***
Hyderabad,-500007, T.S. India (1971-1981)

☞ ***Former Head of Biology and Biotechnology Division promoted to Director Grade***
Scientist of CSIR-IICT (Indian Institute of Chemical Technology- CSIR) Hyderabad,
500007, T.S. India (1981-2001)

☞ ***CSIR Emeritus Scientist and Head, Department of Genetics, Bhagwan Mahavir***
Medical Research Centre, Hyderabad- 500004,T.S. India (2001- continuing)

☞ ***Former Research Director: Indo American Cancer Institute and Research Centre,***
Banjara Hills, Hyderabad 500034, T.S. India (www.iacirc.res.in) (2006-2008)

☞ ***Hon. Prof, and Director, School of Biotechnology –MGNIRSA, Hyderabad, (2003***
onwards) –website: www.mgnirsa.ac.in)

☞ ***Hon. Dean, School of Life sciences, Honorary Professor and Director, Centre for***
Biotechnology and Bioinformatics, Jawaharlal Nehru Institute of Advanced Studies
(JNIAS) Budha Bhawan ,6th Floor, M.G.Road, Secunderabad-500003, A.P. India,
from 2009 continuing [www.jnias.in]

☞ ***President ,(2005-2010) Organization of Women in Science in the Developing World.***
OWSD- Trieste, Italy (www.twows.org/ www.owsd.net

RESEARCH EXPERTISE AND ACTIVITIES

- *Biotechnology and Bioinformatics*
- *Cancer Biology, Biomarkers, SNPs,*
- *Molecular Biology, Genetics,*
- *Electron Microscopy*
- *Environmental and Medical Biotechnology*
- *Pharmacogenomics and Toxicogenomics.*
- *Trained in GLP, ISO 9002 and SOP preparation*
- *Expertise in Setting up state of Art facilities for Research Lab*
- *Chairperson- Ethics Committee of CRIUM, Hyderabad*

Published more than 300 RESEARCH PAPERS in various peer reviewed journals and AUTHORED THREE BOOKS

Most Recent AWARDS, HONORS AND SPECIAL RECOGNITION

2019

Certificate of Excellence from International conference on Carcinogenesis held at Gujarat University on EMERGING HORIZONS IN ONCOLOGY: MOLECULES TO THERAPEUTICS GLOBAL PERSPECTIVES AND CHALLENGES, 27-29 SEPTEMBER 2019

Certificate of Excellence for presenting Research work in International Symposium- By Chinese Academy of Sciences and OWSD -18-20 Oct 2019- Beijing China

Appreciation Memento for Being Panelist at the National Conference on LAKE MANAGEMENT - on 21st Sept 2019, at Hyderabad

- 1. Honored as a Fellow of the World Academy of Medical Sciences in .July 2018, -FWAMS***
- 2. Life-time Achievement Award- July 2015 - Indo- Global International Conference***
- 3. Elected as a FELLOW of Electron Microscope Society of India- 2012-IISc Bangalore***

- 4. Member of American Association of Science and Technology- Jan-2015-Dec-2016**
- 5. President of the National Chapter of India, of OWSD [Organization of Women in Science in the Developing World]**
- 6. I have been a recognized guide for PhD students from the following Universities:**
 1. JNTU-H, JNTU-A
 2. Mysore University
 3. Nizam's Institute of Medical Sciences –NIMS
 4. DrNTRHU University- Vishakapatnam, A.P. &
 5. Osmania University.

ADVANCED TRAINING COURSES ATTENDED

- Electron Microscopy (E.M.), at Electron Microscopy Unit, and Biochemistry Dept. At University of Sydney, **AUSTRALIA**. Oct, 1978.-1979.
- Training in Electron Microscopy in **JAPAN** 1983 (Science city- Tokyo- 2weeks)
- Training in Biological Control of Insect Pests, Terrestrial and Aquatic Weeds at Commonwealth Institute for Biological Control **(CIBC) TRINIDAD, WEST INDIES**, Aug- Sept 1982
- CSIR – CNRS Visiting Fellow, Membrane Biology studies, using freeze fracture electron microscopy, University of Paris, **FRANCE**. Apr. – Oct. 1983.
- Faculty: School of Toxicology - (CSIR- I.I.C.T.), Hyderabad.
- Faculty: School of Biotechnology -J.N.T.U. Hyderabad. (one semester)
- Scientist, Center for Cellular and Molecular Biology-CSIR- C.C.M.B. Hyd. (1971-1981)
- **ISO – 9002 Training Courses, and GLP Training for Regulatory Toxicology, with OECD guidelines 1998 –2000.**
- Faculty, Institute of **Bioinformatics**- GETRIB, -Hyderabad (2003 -2004)

- Visiting Faculty at the College of Physiotherapy- Durgabai Deshmukh Hospital Andhra Mahila Saba (2004-2006 & 2016, 2017, 2018, 2019)

FELLOWSHIPS ABROAD

- **1978 to 1979:** Colombo Plan Award for Post-doctoral Research, University of **Sydney, AUSTRALIA**.
- **Aug to Sept. 1982:** CFTC Fellowship London, Commonwealth Institute of Biological Control, Trinidad CIBC- Headquarters, **WEST INDIES**.
- **May to Oct. 1983:** Visiting Scientist, **University of Paris, (CSIR - CNRS Fellow), FRANCE**.

** Short duration deputations to Japan, USA, Canada, Italy, Russia, China, Jordan, Hong Kong, Cape Town, Zimbabwe, Kenya, London-UK, Geneva, Malaysia, Dubai etc. for Conferences, Visits and Invited Lectures, listed separately .*

AWARDS, HONORS AND SPECIAL RECOGNITION

- Awarded FELLOW of the “World Academy of Medical Sciences”, (FWAMS) -July-2018
- Elected as Fellow of Electron microscope Society of India (2012)–FEMSI
- Distinguished Scientist Award- 2012- by Pentagon Research
- 2011- Lupin Visiting Fellow: ICT- Mumbai (Bioprocess Engineering- Nanotechnology)
- 2005-2010: President of TWOWS- now-OWSD (Organization of Women in Science- in the Developing World – HQ based in Trieste- Italy)
- 2001 2004, Member of Task force Committee (2 terms) in DBT New Delhi
- 1992, 1994, 1997, and 2002: Served as Adviser – Union Public Service Commission - UPSC, New Delhi.
- 1994: Organizer/Convener: IICT Golden Jubilee Seminar on "Emerging Trends in Applied Biology" (October, 1994) subsequently
- Organized several seminars, International and National Conferences and Symposia.
- 1989: Fellow of the National Environmental Sciences Academy (FNESA).
- 1988: Fellow of Zoological Society of India (FZSI).

- **1989 - 1991:** Elected as Executive Member of the **Indian Society for Comparative Animal Physiology**.
- **1988: TWAS/CIDA Sponsorship** for attending International Conference in **Trieste** On **Chemical Evolution**.
- **1988: Commonwealth Sponsorship Award (CFTC- Award)** (London) for visiting **Zimbabwe** as a Resource Person on Biological Control.
- **1986: NSF Award** for visit to USA as an Expert member, for the International Conference in **Florida, USA** on Aquatic plants for Bio-Remediation and Wastewater treatment
- **1986, IUPAC** Conference Sponsorship in Ottawa, **Canada** for Invited paper presentation.
- **1985: NOCIL Award** for best paper presentation in Pesticide Research. **India**.
- **1984 - 1986:** Member of **Task-Force Committee** on Water Hyacinth, DNES, Ministry of Energy, **Government of India**
- **1982: CFTC Award** from Commonwealth Secretariat, London, For training in biological Control of CAB Headquarters in **Trinidad (WI)**
- **1982: Nissey Sanyo Award** for Training in Electron Microscopy, **Japan (Tokyo)**.
- **1978 – 1979: Colombo Plan Award** for post-doctoral research in **Australia**
- **1987:** Organizer-Convener: National Workshop, on Scanning Electron Microscopy organized at **IICT, Hyderabad**
- **2001- Till date:** Life Member and General Secretary –**All India association of Biotechnology southern chapter (AIBA)**
- ! ***Chairperson and Organizer of several national and international Conferences / seminars***
- ! ***Reviewer of Papers in National & International Journals***
- ! ***Supervisor for PhD students in Zoology, Biochemistry, Biotechnology and Microbiology.***
- ! ***Editorial Board member for 6 journals (CJMS, B&M; JST, RJB)***
- ! **Member of ISSX and SETAC -1999-2003** (International Society for the Study of Xenobiotics USA). And New York Academy of Sciences.

MEMBERSHIP IN PROFESSIONAL SOCIETIES AND COMMITTEES

- ! Society for Biological Chemists of India (**SBCI**) - LM
- ! National Environmental Science Academy (**NESA**) - LM & Fellow
- ! Indian Association of Pollution Chemists and Biologists (**IAPCB**) - LM & Fellow
- ! Zoological Society of India (**ZSI**) - LM & Fellow
- ! Electron Microscope Society of India (**EMSI**) – LM & Ex-Vice- President, and **Fellow**
- ! Environmental Mutagenic Society of India (**EMSI**) – LM & Past Executive Member.
- ! Indian Immunological Society - (**IIMS**) LM
- ! Indian Society for Cell Biology - LM
- ! Indian Society for Advancement of Entomology (**ISAE**) - LM
- ! Indian Women Scientist's Association (**IWSA**) - LM
- ! Former- **Member of the Task** - Force Committee on Water Hyacinth, Ministry of Energy, Government of India - (1989-1991).
- ! Former – **Task force Member** – **DBT**- New Delhi (2001-2004)
- ! **President- Third World Organization of Women in Science (TWOWS), Trieste Italy (2005 -2010).**
- ! Life Member of the Society for Biological Control.
- ! Former- Member of **New York Academy of Sciences** - New York, USA (1997-99)
- ! **Editorial board**
 - Journal of Solid Tumors (Canada)
 - Journal of Clinical Oncology (China)
 - Case Reports in Oncology (Hindawi Publishers)
 - Journal of Comparative Physiology and Endocrinology (India)
 - Biology and Medicine (Omics) USA
 - American Journal of Biochemistry and Molecular Biology

- American Journal of Cancer Science [ISSN 2572 5750]- Published by Ivy Union Publishing, North Carolina, United States.
- Saudi Journal of Biological Sciences; Elsevier.
- Editor : Asian Journal Of Scientific Research

SPONSORED RESEARCH PROJECTS AT MAHAVIR HOSPITAL AND RESEARCH CENTRE- HYDERABAD

- ! **DBT Project** - Monitoring Environmental Genotoxicity In Women And Children Occupationally and Environmentally Exposed To Heavy Metals like Lead
- ! **CSIR Project** – In Vitro Technologies for Risk Assessment Alternatives to In-vitro Methods of Systemic Technologies.
- ! **Project** – SNPs in some genes of breast Cancer, lung cancer and oral cancers: Some leads in Pharmacogenomics (In –house project)
- ! **CSIR Project** - Characterization of specific Biomarkers in Pesticide Toxicology using Biotechnological and Computational Approaches
- ! **Project:** Hematological and Neurological complications of pesticide exposures in adults and Children (In-house project)
- ! Continuing: New projects of : Genetic Biomarkers for risk assessment in Diabetes

Research Projects Completed at Indo- American Cancer Institute And Research Centre, Banjara Hills, Hyderabad.

Web site : www.iacirc.res.in

Project-I: Mechanisms that Regulate the Survival and Development of Cancer Stem Cells: its existence, proliferation and differentiation in leukemia

Project II: Genomics and Micro Arrays in basic and applied Oncology studies

Project III: Pharmacogenomics: Drug – Gene Interactions in cancer patients

Project IV: Studies on Cancer Meta signatures genes and their homologues: A Novel approach

Project V: Investigations on the Involvement of free radicals in Head and Neck cancers

Project VI: Epidemiological Studies on Cancer

Publications- Starting from Current Date- Selected (from a total of 295 publications)

Publications 2020:

[Sangeetha Aula](#), [Lakkireddy Samyuktha](#), [Atya Kapley](#), Neha hebalkar, D. Rakesh, Kumar Sharma, Shantveer G. Uppin, and [Kaiser Jamil](#) 2020.

In Vivo Interactions of Nanosized Titania Anatase and Rutile Particles Following Oral Administration. Nano Dimensions, May 2020, DOI:

[10.36686/Ariviyal.NP.2020.02.03.009](https://doi.org/10.36686/Ariviyal.NP.2020.02.03.009),

Zuhier Ahmed Awan, Abdulhadi Bima, Omran M. Rashidi, **KaiserJamil**, Imran A. Khan, Haifa S. Almukadi, Anwar L. Bilgrami, Noor Ahmad Shaik & BabajanBanaganapalli (2020)

Low resolution protein mapping and KB-R7943 drug-protein molecularinteraction analysis of long-QT syndrome linked KCNH2 mutations, All Life, 13:1, 183-193,

DOI:10.1080/26895293.2020.1737249To link to this article:

<https://doi.org/10.1080/26895293.2020.1737249>© 2020 The Author(s). Published by InformaUK

[Noor A Shaik](#), [Faten Al-Qahtani](#), [Khalidah Nasser](#), **Kaiser Jamil**, [Nuha Mohammad Alrayes](#), [amu Elango](#), [Zuhier Ahmed Awan](#), [Babajan Banaganapall](#) (2020), Molecular insights into the coding region mutations of low-density lipoprotein receptor adaptor protein 1 (LDLRAP1) linked to familial hypercholesterolemia. [J Gene Med 2020 Feb 19:e3176](#). Epub 2020 Feb 19. DOI: [10.1002/jgm.3176](https://doi.org/10.1002/jgm.3176)

Javeed Ahmed Tantray, K. Pratap Reddy, Kaiser Jamil, Shivkumar Yerra (2020)

[Genetic and Epigenetic Factors of E3/E3 Genotypes of APO-E Gene as a Strong Predictor for the Diagnosis of Coronary Artery Disease Patients of South India](#), January 2020, Current Proteomics

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[M. Asimuddin](#), [Mohammed Rafi Shaik](#), [Neeshat Fathima](#), [M. Shaistha Afreen](#), [Syed Farooq Adil](#), [Mohammed Rafiq H. Siddiqui](#), **Kaiser Jamil** 2020, Study of Antibacterial Properties of *Ziziphus mauritiana* based Green Synthesized Silver Nanoparticles against Various Bacterial Strains Sustainability (Switzerland) • 1 February 2020

M. Asimuddin • Mohammed Rafi Shaik • Syed Farooq Adil • Mohammed Rafiq H. Siddiqui • Abdulrahman Alwarthan • Kaiser Jamil • Mujeeb Khan 2020; [Azadirachta indica based biosynthesis of silver nanoparticles and evaluation of their antibacterial and cytotoxic effects](#); [Journal of King Saud University - Science](#) • January 2020 , Published on 01 Jan

2018, doi: 10.1016/j.jksus.2018.09.014

M Asimuddin , **Kaiser Jamil**, and SVS Suresh, 2020; Studies on the Role of hTERT – a Telomerase Regulator of DNA Methylation in Cervical Cancer. Madridge J Case Reports and Studies. 2020; 4(1): 172-179. doi: 10.18689/mjcrs-1000146, ISSN: 2639-4553 (open access)

Publications 2019

1.K.Jamil; 2019, Molecular Mechanisms of Pesticide Toxicity in Humans; Advances in Clinical Toxicology (ACT), 4 (4): 2019 DOI: 10.23880/act-16000171. ISSN: 2577-4328,

2.Kaiser Jamil, Owaisul Haq, Zamin Ahmed, Sindhu Joshi; 2019; Polymorphism of TNF- α as a biomarker of Diabetic Nephropathy in patients of Telangana Region. Madridge J Case Rep Stud. 2019; 4(1): 158-162. doi: 10.18689/mjcrs-1000141.

3.Kaiser Jamil, 2019; (Chapter contribution) Health effects of pharmaceuticals and personal care products. Chapter-5, pp115-128, Published by Elsevier B-H, title of the book :Pharmaceuticals and Personal Care Products: Waste Management and Treatment Technology, editors MNV Prasad, M.Vithanage, Atya Kapley

4. Javeed Ahmad Tantray, K. Pratap Reddy, Shiva Kumar Yerra and **Kaiser Jamil**; 2019; Role of cytochrome epoxygenase (CYP2J2) in the pathophysiology of coronary artery disease in South Indian Population. Indian Heart Journal (Elsevier).In Press
<https://doi.org/10.1016/j.ihj.2018.11.01> Current Proteomics, 2020, 17, 000-000

Plenary lecture : Malaysia (Kuala Lumpur)

“Biomarkers as valuable Tools in Clinical Diagnosis”at International Conference on Pharmacology and Pharma Networks. **18-19 th November 2019**. (venue- Sunny Petra Palace Hotel-KL)

Invited Lecture- China (Beijing)

Presentation at International Symposium on Women Scientists in Innovation and Entrepreneurship - 16-20 October 2019, Beijing, China topic of Presentation : “Genetic Risk Factors in Diabetes .”

Invited Lecture – Ahmedabad (Gujrath)

at **Emerging Horizons in Oncology: Molecules to Therapeutics** :Global Perspectives and Challenges= 27-29 Sept 2019; Gujarat University. Ahmedabad title of presentation: **“DNA Methylation DNA as a Biomarker in Breast Cancer”**

Presentation of KeyNote address –Spain (Barcelona)

at the **Global Summit on Cancer Research during July 19th – 20th, 2018** Barcelona, Spain. Title of Presentation: “MicroRNAs a potent regulator of biological processes, in Oral Cancers”.

Presented Plenary Lecture- Dubai (ACSE- Deira-Carlton)

at the Asian Conference on Science, Technology & Medicine and 5th Annual Conference of The ACSE - Deira Dubai title of Presentation : “Studies on MicroRNA polymorphisms as Genetic Biomarkers for Cancer Risk Determination” Feb. 2019

Presented Invited Talk – Bangalore –(Zoology Department)

at “International conference on Recent Trends in Zoology, Biodiversity, Genetics & Environmental Sciences- Dec. 04-05, 2018 at Department of Zoology, Bangalore University, Karnataka, title of Presentation : MicroRNAs as Biomarkers and predictors of Oral cancer

Publications 2018

Hajira Fatima, **Kaiser Jamil** and Dr. Suryanarayana Raju, 2018, Hormones Influencing Tumor Progression In Postmenopausal Breast Cancer Women., European Journal of Biomedical and Pharmaceutical sciences, Vol-5 (7), ISSN 2349-8870,

Sabeena M, **Kaiser Jamil**, A.V.N Swamy, Histone deacetylases (HDACs) class II genes as potential drug targets in cancer", International Journal of Emerging Technologies and Innovative Research [JETIR] (www.jetir.org), 2018; 5(6): 554-560.

Sabeena M, **Kaiser Jamil**, A.V.N Swamy, Applications of Bioinformatics in Cancer Research, International Journal of Research and Analytical Reviews (IJRAR), 2018; 5(3):279-282.

Sabeena M , **Kaiser Jamil**, A.V.N Swamy. 2018. The mutations identified in human HDAC-10 gene and their prognosis in cancer cases. International Journal of Pharmaceutical Science and Health, Issue 8, Vol.3 (May-June 2018) ISSN 2249 – 5738 DOI : <https://dx.doi.org/10.26808/rs.ph.i8v3.04>.

Bhargavi Basavaraju and **Dr.Kaiser Jamil.**, 2018, Antioxidant properties of Probiotics isolated from commercially available sources . International Journal of Current Research, (IJCR) in Press.

Nasrin Begam, **Kaiser Jamil** and Suryanarayana Raju G, 2018, Promoter epigenetics of APC gene and its implication in sporadic breast cancer patients from South Indian population (2018). Gene Reports (Elsevier Publication), 11 (2018), 255–260.

Javeed Ahmad Tantray, K. Pratap Reddy, Shiva Kumar Yerra and **Kaiser Jamil**; 2018; A Study of C677T Polymorphism of Methylenetetrahydrofolate Reductase (MTHFR) Gene and It's Susceptibility in Coronary Artery Disease. Asian Journal of Biology 6(1): 1-8, 2018; Article no.AJOB.39936 ISSN: 2456-7124 .

Sangeetha Aula Samyuktha Lakkireddy; Atya Kapley; Vedanta Narasimhaswamy Adimadhyam ; Rakesh Kumar Sharma ; Shantveer G Uppin ; **Kaiser Jamil**, 2018; Route of administration induced in vivo effects and toxicity responses of Zinc Oxide nanorods at molecular and genetic levels, Int. J. Nano Dimens., 9 (2): 158-169, (Spring 2018).

Prashant Chauhan, Kalpana Dixit, Bhargavi Basavaraju, Malik R.K., **Kaiser Jamil**; 2018; STUDIES ON BACTERIOCIN PRODUCING FUNCTIONAL STRAINS OF *Streptococcus thermophilus* WITH PROBIOTIC ATTRIBUTES. International Journal of Current Research Vol. 10, Issue, 02, pp. 65953-65959. ISSN: 0975-833X Available online at <http://www.journalcra.com>

Publications 2017:

1. Nasrin Begam, **Kaiser Jamil**, Suryanarayana G. Raju, 2017; Promoter Hypermethylation of ATM gene as a novel biomarker of breast cancer. Asia Pacific J. Cancer Prevention -Nov. 2017, 18, (11) 3003-3009, 29172272, SJR Impact factor- 1.24, RG Impact factor-2.39

2. Nasrin Begam, **Kaiser Jamil**, Suryanarayana G. Raju, 2017, Analysis of Epigenetic alterations in the promoter regions of *TIMP3* and *GSTP1* genes in sporadic breast cancer. International Journal of Current Research. Published.

3. Tantray, J.A., K.P. Reddy, **K. Jamil** and Y.S. Kumar, 2017. Pharmacodynamic and cytogenetic evaluation in CYP2C19*2 and CYP2C19*3 allelomorphism in South Indian population with clopidogrel therapy. Int. J. Cardiol., 229: 113-118. doi: 10.1016/j.ijcard.2016.11.217, Impact Factor: 6.189

4. Asimuddin Mohammed, Vijayalakshmi Gutta, Mohd Soheb Ansari, Rajagopal Saladi Venkata and **Kaiser Jamil** 2017, Altered antioxidant enzyme activity with severity and comorbidities of chronic obstructive pulmonary disease (COPD) in South Indian population. COPD Research and Practice -March 2017, 3:4, DOI 10.1186/s40749-017-0023- Impact Factor: 1.95.

5. Bhargavi B. , **Kaiser Jamil** 2017; Probiotics in Health and disease. International Journal of Science and research IJSR; **Volume 6 Issue 2 February 2017**

6. Jaafar Faez Kadhim, Rasheed M. U.*, Zaid Isam Issa, Raid-Al-Akeel, Rabbani Syed and **Kaiser Jamil** (2017). Characterization of Biosynthesized Silver Nanoparticles and Their Effect On Multi Drug Resistant Bacteria And Acute Lymphoblastic Leukemia Cells. – World Journal of Pharmacy and Pharmaceuticals Sciences – online journal 2017.

Publications in 2016

1. **Jamil, K.**, A. Jayaraman, J. Ahmad, S. Joshi and S.K. Yerra, **2016**. *TNF*-alpha -308G/A and -238G/A polymorphisms and its protein network associated with type 2 diabetes mellitus. Saudi J. Biol. Sci., 10.1016/j.sjbs.2016.05.012. impact factor: 2.564.

2. Kakarala, K.K. and **K. Jamil**, **2016**. Biased signaling: Potential agonist and antagonist of PAR2. J. Biomol. Struct. Dyn., 34: 1363-1376. doi: 10.1080/07391102.2015.1079556

3. Tantray, J.A., K.P. Reddy, **K. Jamil** and Y.S. Kumar, **2016**. Typical findings of epidemiological and clinical characteristics of patients with coronary artery diseases in South India: A retrospective analysis. Int. J. Med. Sci. Public Health, 6: 123-128.

4. Sushma, P.S., **K. Jamil**, P.U. Kumar, U. Satyanarayana, M. Ramakrishna and B. Triveni, **2016**. PTEN and p16 genes as epigenetic biomarkers in Oral Squamous Cell Carcinoma (OSCC): A study on South Indian population. Tumor Biol., 37: 7625-7632. doi: 10.1007/s13277-015-4648-8; Impact Factor 2.926;

5. Tabrez, M.A.J., **K. Jamil**, S. Joshi and U. Devi, 2016. Association of genetic polymorphisms in GSTT1, GSTM1 genes in patients with diabetic retinopathy and nephropathy in South Indian population. World J. Pharm. Pharmaceut. Sci., 5: 1243-1257.

6. Madhukaran, S.P., A.R.K. Gopalakrishnan, H. Pandit, E. Dodagatta-Marri and L. Kouser , **Jamil Kaiser**, Alhamlan Fatimah s. *et al.*, **2016**. Expression of surfactant proteins SP-A and SP-D in murine decidua and immunomodulatory effects on decidual macrophages. Immunobiology, 221: 377-386. doi:10.1016/j.imbio.2015.09.019

7. Lakkireddy, S., S. Aula, A. Kapley, A.V.N. Swamy, R.R. Digumarti, V.K. Kutala and **K. Jamil**, **2016**. Association of Vascular Endothelial Growth Factor A (VEGFA) and its receptor (VEGFR2) gene polymorphisms with risk of chronic myeloid leukemia and influence on clinical outcome. Mol. Diagn. Ther., 20: 33-44.

8. Sultana Shaik Asma, Shaik Abjal Pasha, **Jamil Kaiser**, Alsaeed Abbas H. **2016**. "[Evaluation of cytotoxicity and genotoxicity of pesticide mixtures on lymphocytes.](#)" Toxicology mechanisms and methods: 1-7. doi:10.1080/15376516.2016.1218577.

9. [Jamil Kaiser](#) · [P Kalyani](#) · [Perimi Ramesh](#) · [Kameshwari SV](#) (2016)

Data: [Assessment of severity of anemia and its effect on the quality of life](#)

File available · Data · May 2016.

10. Kalyani P, **Kaiser Jamil** (2016) Study on Biochemical Facet of Anemia in Cancers. Indian J Cancer 52(1):127-32 IF-

11. Kalyani P, **Kaiser Jamil** (2016). Association of C1772T and G1790A polymorphisms of HIF-1 α gene with anemia in cancers and its clinical significance: A case-control study. Molecular Biology Reports (comm.)

12. Thulasamma, Alokanda C., **Kaiser Jmil**-2016, Epidemiological study of Hypertensive Patients in Relation to Clinical Phenotyping as per Unani Concept. International J. of Science and Research (IJSR), Vol-5, (3), p.837-843. ISSN (online) 2319-7064, Impact factor- 5.611

13. Safoora Habeeb, Kaiser Jamil, Javeed Ahmed and M. Uma Devi 2016, Studies on inflammatory markers (il-1, il-4) in breast cancer disease progression, WJPS, Volume 5, Issue 02, 2016, 1444-1455.

Publications in 2015

1. Subhani S, Jamil K (2015) [Molecular docking of chemotherapeutic agents to CYP3A4 in non-small cell lung cancer](#). **Biomed Pharmacother**. 2015 Jul;73:65-74. doi: 10.1016/j.biopha.2015.05.018 . Epub 2015 Jun.1; 26211584. **IF:2.239**
2. [P.S. Sushma](#) · **Kaiser Jamil** · [P Uday Kumar](#) · [U Satyanarayana](#) · [M Ramakrishna](#) · [B Triveni](#) (2015) · [Genetic Variation in MicroRNAs and Risk of Oral Squamous Cell Carcinoma in South Indian Population](#). Asian Pacific journal of cancer prevention: APJCP 12/2015; 16(17):7589-94. · **2.51 Impact Factor**
3. Subhani S, **Jamil K**, Nirni SS. Association of MDR1 gene (C3435T) polymorphism and gene expression profiling in lung cancer patients treated with platinum-based chemotherapy. Mol Diagn Ther. 2015 Oct;19(5):289-97.
4. Syed Subhani, Archana Jayaraman, **Kaiser Jamil** -2015; [Homology modelling and molecular docking of MDR1 with chemotherapeutic agents in non-small cell lung cancer](#). **Biomedicine and Pharmacotherapy** 02/2015; 71. DOI:10.1016/j.biopha.2015.02.009 · **Impact Factor-2.239**.

5. [Kavita Kumari Kakarala](#), **Kaiser Jamil**, [Protease activated receptor \(PAR2\): Possible Target of Phytochemicals.](#); Journal of biomolecular Structure & Dynamics 11/2014; • **Impact Factor-2.98**
6. [SP Madhukaran](#), [Uday Kishore](#), **Kaiser Jamil**, Mahesh Choolani, [Jinhua Lu](#); [Decidual expression and localization of human surfactant protein SP-A and SP-D, and complement protein C1q](#); **Molecular Immunology** 03/2015; **Impact Factor-3.00**
7. [Shagmuga Priyaa Madhukaran](#), [Uday Kishore](#), **Kaiser Jamil**, [Boon Teo](#), [Mahesh Choolani](#), [Jinhua Lu](#); [Transcriptional factor PU.1 regulates decidual C1q expression in early pregnancy in human](#); **Frontiers in Immunology** 01/2015, IF-
8. SP Madhukaran · K.G. Aghila Rani · Hrishikesh Pandit · Eswari Dodagatta- Marri · Lubna Kouser · Kaiser Jamil · Fatimah S. Alhamlan · Uday Kishore · Taruna Madan · (2015) [Expression of surfactant proteins SP-A and SP-D in murine decidua and immunomodulatory effects on decidual macrophages.](#) **Immunobiology** 09/2015; DOI:10.1016/j.imbio.2015.09.019 · **Impact Factor -3.04**
9. [Archana Jayaraman](#), **Kaiser Jamil**, [Haseeb A. Khan](#), [Identifying new targets in leukemogenesis using computational approaches](#); **Saudi Journal of Biological Sciences** 01/2015; 21. • **Impact Factor-0.74**
10. [N Kommineni](#), **K Jamil**, [U R Pingali](#), [L Addala](#), [V M](#), [M Naidu](#); 2015; [Association of PIK3CA gene mutations with head and neck squamous cell carcinomas.](#) **Neoplasma** 01/2015; 62(1):72-80. • **Impact Factor-1.64**
11. **Kaiser Jamil** , 2015; Biomarkers in Oncological Research. Editorial, **J. Cancer Sci. Ther./ Vol 7- (9), 134**, doi: [10.4172/1948-5956.1000e134](#)
12. **Kaiser Jamil** -2015, Pharmacogenomics Influencing Drug-Gene Interactions Leading towards personalised Medicine; Review article, **J. Pharmacogenomics & Pharmacoproteomics**, 6 :3, doi: [10.4172/2153-0645.1000151](#)
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50. Rani U, **Kaiser Jamil (1990)**. Chemosensory responses of cowpea weevil, *Callosobruchus chinensis* to an aquatic weed, water hyacinth, *Eichhornia crassipes* (Mart) Solms. **Journal of Chemical Ecology**, 16(4): 1269-75. doi: 10.1007/BF01021025. [PMID: 24263726] (**JCR 2012 Impact Factor: 2.462**)
51. **Kaiser Jamil** and Muddu Vijay **(1989)**. Effect of exogenous factors like heavy metals on the motility characteristics of human spermatozoa in vitro. **Proceedings: VII All India Symposium on Developmental Biology**, pp.23-26. Eds. R.P.Maleyvar and S.C.Goel.
52. **Kaiser Jamil K.N.** Jyothi and A.L.Prasuna **(1989)**. Scanning Electron Microscopic studies of Antennal Sensillae of castor pests *Achoea janata* and *Parallalia algira* L. **Pro. Ind. Natl. Sci. Acad. B**, 55(3): 149-154.
53. **Kaiser Jamil (1987)**. Calcium and Calcium inophore dependent conformational changes in the plasma membrane of mammalian spermatozoa. **Biomembranes structures Biogenesis and Transport**. pp.187-195. Edited by C. Rajamanikam and Lester Packer. Publ. TTPP (New Delhi) (chapter).
54. U. Suryanarayana Murthy, K.N. Jyothi and **Kaiser Jamil (1987)**. Effect of Avermectin B1 (L-676) a metabolite from *Streptomyces avermilitis* on immatures of *Culex quinquefasciatus*. **The Indian Journal of Medical Research**, 85: 539-541. [PMID: 3666854] (**JCR 2012 Impact Factor: 2.061**)

55. **Kaiser Jamil**, Madhavendra SS, Jamil MZ, Rao PV (1987). Studies on water hyacinth as a biological filter for treating contaminants from agricultural wastes and industrial effluents. **Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants, and Agricultural Wastes**, 22(1):103-12. [PMID: 3584835] (JCR 2012 Impact Factor: 1.21)
56. R. Vishwanath and **Kaiser Jamil** (1986). Mutagenicity and genotoxicity of certain organophosphorous compounds using Ames Salmonella assay with and without microsomal induction. **Indian Journal of Experimental Biology**, 24: 305-308. [PMID: 3533767] (JCR 2012 Impact Factor: 1.195)
57. P.M. Bhargava, **Kaiser Jamil**, N.S. Rao, B.S.N. Murthy and V. Ramaswamy (1986). Variation in the net antibacterial activity of bovine seminal plasma and the lack of correlation of this activity with the fertility of semen. **The Indian Veterinary Journal**, 63(8): 21-27.
58. **Kaiser Jamil** (1984). Plasma membrane cytoskeletal complex of mammalian spermatozoa. **Archives of Andrology**, 13(2-3): 177-193. [PMID: 6443254]
59. **Kaiser Jamil** (1984). Decondensation of human spermatozoal chromatin by nuclear actin polymerization. **Archives of Andrology**, 13(2-3): 137-146. [PMID: 6443253]
60. **Kaiser Jamil**, White I.G. and D.M. Dwartha (1982). Calcium ionophore A23187 as a probe for freeze-fracture studies on membrane changes in the head of human spermatozoa. **Archives of Andrology**, 8: 1-9. [PMID: 6802086]
61. **Kaiser Jamil** and White I.G. (1982). Appearance of microtubule like structures during the acrosome reaction in ram and human sperm in presence of calcium and ionophore A23187. **14th Annual Conference of the Electron Microscope Society of India**. Jan. 1982. Ind. Association of Cultivation of Science; Publications, pp.71-72.
62. **Kaiser Jamil** (1982). Ultrastructural studies of the nuclear envelope in human sperm. **Archives of Andrology**, 9(3):195-201. [PMID: 6817720]
63. **Kaiser Jamil**, White IG (1981). Induction of acrosomal reaction in sperm with ionophore A23187 and calcium. **Archives of Andrology**, 7(4):283-92. [PMID: 6797354]
64. **Kaiser Jamil** and White I.G. (1981). Induction of acrosome reaction in ram, rabbit and human spermatozoa with ionophore. **Archives of Andrology**, 7: 283-292.

Patents

1.	PT-237] MLP-0001/02	A process for the synthesis of new heterocyclic substituted sulfamides useful as antibacterial agents	K Rama Rao YVD Nageswar J S Yadav Kaiser Jamil P Srinivasa Reddy	India 191416 (24/5/04)
2.	NF-282/97 PT-199	A process for the preparation of biosorbent useful for removal of dyes and heavy metals.	Kaiser Jamil T S Chandra Kala	India [1308/DEL/98] 15/05/98
3.	NF-69/98 PT-214	An improved process for the preparation of immobilized molecular sieves	A M Tope Kaiser Jamil N Srinivas S J Kulkarni	India [286/DEL/99] 19/02/99
4.	NF-29/99 PT-237	Heterocyclic substituted sulfamides as new anti bacterial agents	K Rama Rao Nageshwar J S Yadav Kaiser Jamil P Srinivasa Reddy	India [578/DEL/99] 15/4/99
5.	2104/CHE/2009	Possible Outcomes in Multi-Factored Diseases'	Kaiser Jamil Haranatha Reddy Subrahmanya Nairy	US patent August 31, 2009

Few of the CONFERENCE PRESENTATIONS (2005 onwards)**CONFERENCES ORGANISED/ ATTENDED/ Given Invited Lectures/CHAired**

Nasrin Begam, Kaiser Jamil and GS Raju. Aberrant promoter methylation of *GSTP1* in South Indian Breast cancer population. Presented at International conference on "Emerging trends in Biomarker Research-Prospect & challenges" (**ICBR-2013**), Jawaharlal Nehru Institute of Advanced Studies (JNIAS), Hyderabad. September 13 & 14, 2013, IICT, Auditorium, Hyderabad, India. Proceedings, pp-60.

Nasrin Begam, Kaiser Jamil, and Suryanarayana Raju G. Aberrant promoter methylation of *p53* gene is not associated with sporadic breast cancer patient from south Indian population. Presented at International conference on "Biotechnology & Bioengineering - Trends (**ICBT-2017**)" Jawaharlal Nehru Technological University Hyderabad, **March 23 & 25, 2017**, JNTU Auditorium, Hyderabad, India. Proceedings, pp-74.

Nasrin Begam, Kaiser Jamil, and Suryanarayana Raju G. Hypermethylated promoter of tumor suppressor gene as potential biomarker in breast cancer. Presented at Annual

Conference on “Impact of Biomarkers for Clinical and Environmental Application for Sustainable Development” (Biomarkers-2017), Jawaharlal Nehru Institute of Advanced Studies (JNIAS), Hyderabad, **24 & 25, November, 2017.**

1. 3rd Annual Convention of Indian Association for Cancer Research held at Convention Centre, Hotel Clarks-Amer, Jaipur **from 19th – 21st February 2015. IL –topic ; Pharmacogenomics and cancer, the science towards the development of personalized medicine.**
2. “International Conference on Recent Advances in Research & Treatment of Human Diseases” & The Fourth Annual Meeting of the Indian Academy of Biomedical Sciences (IABS) organized by Nizam’s Institute of Medical Sciences, Hyderabad at the Auditorium of CSIR-IICT, Hyderabad- **from 9th -11th January 2015** . Topic of IL-33: **Networking of TNF-alpha and its role in Diabetes mellitus.**
3. National Conference on “New Frontiers in Biotechnology-Prospects and Challenges”, **28-30 Jan 2015** Organised by Dept of Genetics- O.U. Hyderabad. Topic : **Association of CYP2C8 gene polymorphism in Lung cancer patients treated with combination chemo regimen.**
4. International Symposium On “Genomics In Health And Disease” & 40th Annual Conference Of Indian Society Of Human Genetics, **26th To 27th January 2015**, Nehru Centre, Mumbai Organized By National Institute Of Immunohaematology (ICMR), Mumbai, Topic : **Role of lectin in obese cancer patients.**
5. BioAsia 2015, ‘New Era of Life Sciences’ held at HICC, Hyderabad- **Feb:2-4, 2015. Participant in discussions, Drug Development Session.**
6. Organizer of the National Conference on “impact of Nanoparticles and Nanomaterials on Health and Environment” organized by JNIAS **June 23-24,2014**, held at CRIUM auditorium Hyderabad-India, -Theme presentation and topic of IL: **“Potential of Nanotechnology for therapeutics: a brief overview”**
7. Organizer of the -International conference on : “Emerging Trends in Biomarker Research – Prospects and Challenges” **Sept. 13-14th 2013**, Organised by JNIAS and Biomarker Society of India held at CSIR-IICT Auditorium, Hyderabad- India. Topic of IL: **Biomarkers for prediction of prognosis in cancer patients – Myth or Reality ?**
8. Co-Organiser with CIENCIA for the conference on : Genomics in Health and Diseases- **August 22-23 2014**, held at CRIUM Hyderabad –theme presentation and topic of IL: **SNPs involved in patients treated with Tyrosine kinase inhibitors in CML .also- Chaired**
9. Co-organiser with CIENCIA and KIMS for the conference on “Effective and Ethical stem cell therapeutics” held **on February-23, 2014** at KREST Convention Centre, Shaikpet Nala,

Hyderabad, India, Presented : **Overview of the cancer stem cells and role of stemcells in therapeutics. also Chaired**

10. Organiser of National Conference on “Biomarkers for Diseases - Prospects & Challenges” 24th & 25th February 2012, Organised by JNIAS, held at IICT Hyderabad. Plenary lecture on : **Quinazoline analogues as inhibitors of mutated EGFR in HNC & Lung cancer. Also Chaired**
11. United Nations Division for the Advancement of Women (DAW, part of UN Women) United Nations Educational, Scientific and Cultural Organization (UNESCO) Expert group meeting Gender, science and technology _ Paris, France 28 September - 1 October 2010. Participated as President of OWSD and **lead a discussion on : Gender- Science and Technology. Also Chaired.**
12. The XXXIII Annual Meeting of the Electron Microscope Society of India (EMSI) July 2 – 4, **2012** at Indian Institute of Science, Bengaluru. Award Winners for the year 2011 – 12: Award Details- Awardee Fellow EMSI (Life Science): Prof. Kaiser Jamil. Topic of IL: **Ultra structure of the events leading to Syngamy in human Reproduction.**
13. A 4th International Conference on Biomarkers & Clinical Research; July 15-17, **2013** Courtyard by Marriott Philadelphia Downtown, USA. OMICS GROUP. Topic of IL: **Cancer biomarkers for personalized medicine.**
14. OMICS International conference on Biowavers, Biologics and Biosimilars; Hyderabad from 27 – 29 **October 2014**, at HICC- Madhavpur, Hyderabad topic of IL: **Theme presentation, Participated in press conference. Also Chaired.**
15. Aerobiology Conference organized by Osmania University –**Nov. 2014** at Hyderabad : topic of IL: **Role of cytokines in allergies. Asthma and rhinitis.**
16. Genetic Toxicology Conference- Manipal University, Manipal - Karnataka –**Oct-2014- Chaired the session.**
 1. **Guest of honor and Invited speaker:** Int. Conf. on Women, Engineering and Technology: Local and Global Perspective. Feb 2-4,**2012**, Nobab Nawab Ali Chowdary Bhaban, Dhaka University, Bangladesh.
 2. Seminar on “Stress Management” and Felicitations to women achievers – March 8, 2011.
 3. **Dr. Kaiser Jamil (2011); “Biotechnology on a Nano Scale”, - National Conference on NanoBiotechnology : Emerging Trends & Applications in Microbiology. 4-6th Feb 2011. MGNIRSA-Hyderabad.**
 4. **“Secondary structure Prediction and Molecular Modeling of Human MKP1 /DUSP1” International Moscow Conference on Computational Molecular Biology. (MCCMB’11) July 21-24, 2011, Moscow State University-Moscow, Russia.**
 1. Muhummud Khan and **Kaiser Jamil, 2011** “Evolution of diversity in Ubiquitin conjugating enzymes” International Moscow Conference on Computational Molecular Biology (MCCMB’11) July 21-24, Moscow State University-Moscow, Russia.
 2. Professor **Kaiser Jamil (2010)**, “When the Going Gets Tough, (for women) the Tough Gets Going

- Balancing Family, Commitment and Career Development” page-5
3. National Seminar on Gender, Technology and Communication :10 - 11 **May 2010**, at VIGYAN PRASAR (Department of Science & Technology, Govt. of India) e-mail : info@vigyanprasar.gov.in, Website : <http://www.vigyanprasar.gov.in>
 4. “LD between MDR1 gene SNPs (G1199A and G2677T/A) in Breast Cancer patients”,- in International Symposium on Genetics Revisited : the genomics and proteomics advantage and XXXIII Annual Conference of ISHG, (**Feb. 2008**).
 5. Variations in AChE and Blood Proteins in Blood samples exposed to pesticides in vitro – Proceedings of the 13th North American ISSX Meeting/20th JSSX Meeting Maui, Hawaii October 23-27, **2005** Drug Metabolism Reviews. Vol 37, Supplement 2, p 408
 6. Reactive Oxygen Species (ROS) Generation in Head and Neck Cancers. XIIIth All India congress of cytology and genetics and international Symposium on genomics and proteomics. 2007. Hyderabad, India
 7. Effect of smoking on DNA damage in the Head and neck cancer assessed by the Comet Assay. American Academy of Otolaryngology- Head and Neck Surgery. **2007**, USA
 8. Genome Analysis in the post genomic era and its relevance to society 26-28th **October 2007**, MGNIRSA, Hyderabad.
 9. **Kaiser Jamil**, et al **2007**, Tamoxifen Metabolizing gene polymorphisms and its Clinical impact in Breast Cancer. International Clinical Oncology Congress, Hyderabad, India.
 10. EGFR Mutations to Gefitinib Response using Cheminformatics. EMSI Conference, National Institute of Nutrition, Hyderabad Feb 21- 23rd ; **2006** (Sabitha and **Kaiser Jamil**)
 11. EGFR Mutations to quinazolin inhibitors response using Cheminformatic tools.-European conference on Human Genetics, May 6-9 **2006**. RAI Congress Centre, Amsterdam, The Netherlands.
 12. Novel Mutations of CYP3A4 in Women with Breast Cancer. International Symposium On Frontiers In Genetics And Biotechnology – Retrospect And Prospect : Osmania University, Hyderabad, Jan 8-10 **2006**.
 13. Molecular Modelling of the Human Cytochrome P450 Isoform CYP3A4 and investigations of CYP3A4 substrate selectivity. Indo- Australian Symposium on Pharmacogenomics, MAHE, Manipal India, March 10th **2006**
 14. Pharmacogenomics of CYP3A4 and its applications and value in Drug Therapy: The Past Present and Future, Indo- Australian Symposium on Pharmacogenomics, MAHE, Manipal, India, March 10th **2006** .(**Kaiser Jamil**)
 15. Role of MDR-1 Gene In Breast Cancer BRECON-2006 IACI&RC MARCH 2006-05-12, HYDERABAD- (**Kaiser Jamil**)
 16. EGFR Mutation to Gefitinib Response Using Cheminformatics. EMSI 2006, Hyderabad, 23rd Feb **2006**
 17. EGFR mutation to quinazolin inhibitors response using cheminformatics tools’ (Control No. 2006-A-382-ESHG) European Conference of Human Genetics, May 6-9, **2006**, RAI Congress Centre, Amsterdam, The Netherlands.)
 18. Risk factors of Head and neck cancer in women. TWOWS National chapter Conference. Hyderabad, India. **2006**. [we got cash Award (prize) for this poster presentation] (Sabitha K., **Kaiser Jamil**, and MVV Reddy)
 19. LDH as a Biomarker in Head and Neck Cancers. Otolaryngology - Head and Neck Surgery, Volume 137, Issue 2, Pages P220-P22. **2006**.
 20. “Drug resistance in acute lymphocytic leukemia” –International Conference on Translational

- Research for Cancer and Other Diseases held at Center for Cellular and Molecular Biology (CCMB), Hyderabad, India during March 19-20, **2005**. (B2B Translational Research
- 21.** Role of GST Polymorphism in Acute lymphocytic leukemia. - All Indian Congress on Cytology and Genetics (AICCG) , Bombay october-28-30, **2005**.
 - 22.** Frequency of chromosomal abnormalities in Acute lymphocytic leukemia. - All Indian Congress on Cytology and Genetics (AICCG) , Andhra university, Vizag December-8-10, **2005**.
 - 23.** MTHFR mutations in acute lymphocytic leukemia. Conference on : Inherited Genetic disorders: organised by Institute of Genetics , Osmania University in February-**2005**
 - 24.** Methylenetetrahydrofolate Reductase (MTHFR) C677T and A1298C Polymorphisms and Breast cancer in South Indian Population. 12th All India Conference on Cytology and Genetics (AICCG) , Oct. 28- 30 , **2005**.
 - 25.** Cytogenetic Cosequences of 5-FU, Doxorubicin and Cyclophosphamide (FAC) drugs treatment in human lymphocyte cultures: In Vitro study. Tenth All India Conference on Cytology and Genetics, Andhra University, 8-10 December **2005**.
 - 26.** Cytotoxic Index of anticancer drugs at cellular levels : In vitro Levels : International Symposium on Human Genomics and Public Health & XXXI Annual Conference of ISHG. **2004**
 - 27.** Title: Lead induced chromosomal aberrations in human lymphocyte culture in vitro .29th Annual Conference of Indian Society of Human Genetics January 8-11, **2004**. National Institute of Mental Society of Human Genetics Health and Neurosciences, Bangalore. "Trends in human genetics, biotechnology and bioinformatics: next 5 years". (**Kaiser Jamil**)
 - 28.** Title: Effect of X-ray irradiation on lead exposed lymphocytes from human peripheral blood. Abjal Pasha Shaik and **Kaiser Jamil** Indian Journal of Radiation Research. International conference on recent trends in radiation biology. December 1-3, 2004, BARC, Mumbai. (**Kaiser Jamil**)
 - 29.** Title: Antioxidant enzymes as Biomarkers for lead toxicity. International conference on Antioxidants and free radicals in health-nutrition & radio-protectors and IV annual conference of the society for free radical research in India(SFRR).10th -12th January **2005**. St. John medical college, Bangalore.
 - 30.** "In-Vitro Assays For Determining Carbofuran Toxicity", Abstract has been accepted for a poster presentation during the 13th NA ISSX/JSSX Meeting in Maui, Hawaii, October 23- 27. **2005**.
 - 31.** "Translational Research for Cancer and Other Disease" held at Centre for Cellular and Molecular Biology (CCMB), Hyderabad, India. During March 19-20, **2005**. (**Kaiser Jamil**)
 - 32.** "Comparative Study Of Carbofuran And Lambda-Cyhalothrin Cytogenetic Effects On Human Lymphocytes" (poster presentation) Accepted in International Conference On Toxicology, Environmental and Occupational Health -**2005** (ICTEOH - 2005), held in the city of Lucknow, India. on November 14-17, **2005**
 - 33.** " Drug resistance in acute lymphocytic leukemia" – International symposium on biotechnology (B2B), CCMB Hyderabad, India-**2006**
 - 34.** - "Role of GST Polymorphism in Acute lymphocytic leukemia." - All Indian congress on Cytology and Genetics (AICCG), Bombay, October-28-30, **2005**.
 - 35.** "Frequency of chromosomal abnormalities in Acute lymphocytic leukaemia. "- All Indian congress on Cytology and Genetics (AICCG), Andhra University, Vizag, December-8-10, **2005**.
 - 36.** " MTHFR mutations in acute lymphocytic leukemia" Inherited Genetic disorders" organised by Institute of Genetics , Osmania University in February-**2005**
 - 37.** -"Polymorphisms in MTHFR Gene of Breast cancer patients in Indian Population. "- All Indian congress on Cytology and Genetics (AICCG), Bombay, India, October-28-30, **2005**.

ACADEMIC BACKGROUND / degrees/ University

- Ph.D.** Zoology, (Toxicology) 1971
- Osmania University, Hyderabad. T.S. India
 - **Postdoctoral Research** – University of Sydney- Australia (1979-1981)
 - **CSIR-CNRS Scientist** – University of Paris –France (1983)
- M.Sc.** Zoology (1962)
- Osmania University, Hyderabad. T.S. India
- B.Sc.** Botany, Zoology, Chemistry (1960)
- Women's College, Osmania University, Hyderabad. T.S. India

PROFESSIONAL APPOINTMENTS

- | | |
|---------------------------|---|
| 2001 – Continuing: | Research Director, and Head, Genetics Department,
Bhagwan Mahavir Medical Research Centre (BMMRC)
10-1-1-, Mahavir Marg, AC Guards
Hyderabad 500004, T.S., India |
| 2006 to 2008: | Research Director
Genomics and Translational medicine
Indo American Cancer Institute and Research Centre
Banjara Hills, Hyderabad- 500034, T.S., India
www.iacrci.org |
| 2009 – Continuing: | Dean, School of Life Sciences, and Honorary Director
Centre for Biotechnology and Bioinformatics
Jawaharlal Nehru Institute of Advanced Studies
Hyderabad, T.S. India. www.jnias.in |
| 1999 to 2001 - | Director- Grade Scientist (Sci. – G) and Area Leader
Biology, Biotechnology and Toxicology Division
CSIR-Indian Institute of Chemical Technology (IICT)
Hyderabad-500007, T.S. INDIA |
| 1981 to 1999: | Deputy Director (Scientist-F) and Head,
Biology, Biotechnology and Toxicology Division,
CSIR-Indian Institute of Chemical Technology (IICT)
HYDERABAD; 500007, T.S. India |
| 1971 to 1981: | Scientist,
CSIR-Center for Cellular and Molecular Biology (CCMB),
Hyderabad. 500007, T.S. India |

1962 to 1971: Research Fellow (Senior and Junior)
CSIR-I.I.C.T. - Hyderabad- 500007, T.S. India

Industry and Institute :Consultant

- (i) Sanzyme
- (ii) Unique Biotech
- (iii) Central Research Institute of Unani Medicine

Employment History - 30 years of Research/ Teaching/ Administrative Experience at various levels in different positions.

I had the opportunity to work in the country's foremost CSIR labs like CSIR-IICT and CSIR-CCMB, which gave me an exposure to professional scientific environment. I also had the privilege to interact with some distinguished national and international scientists and Nobel Laureates. The numerous lectures attended, plenary and invited lectures presented at National & International conferences in different countries, and personal discussions, have helped develop my scientific aptitude and skills in both Scientific and Administrative jobs.

BRIEF BIODATA OF DR. MRS KAISER JAMIL

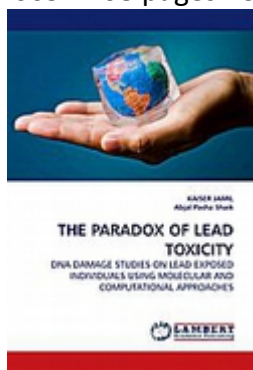
***Dr. Mrs. Kaiser Jamil**, a renowned Biotechnologist, having worked in renowned Institutions like IICT and CCMB (both are premier CSIR LABS), University of Sydney (Australia) and at University of Paris (France)- was awarded **Emeritus Scientist by CSIR New Delhi** to continue Research Activities, and she joined the Genetics Department of, Mahavir Hospital and Research Center, as HOD. She has **guided 45 PhD students and 90-100, M.Sc /M.Tech/ and graduate students for project work**, 3 students are still working under her supervision for PhD degree. She has published more than 300 papers in journals of repute. She has been a **Task force member** in committee's and at the Department of Biotechnology (DBT)- Govt of India, New Delhi and **Advisor** at Union Public Service Commission (**UPSC**)- Govt. of India- New Delhi. She has several awards and honors to her credit, and she is a life member and Fellow of several Academies,*

Scientific Associations and Academic Societies in which she is holding executive position. Recently she was honored with the **Award of “Modern Medicare”** for her work in cancer research.

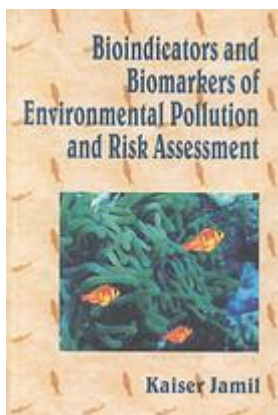
She has traveled widely for participating and presenting her work in National & International conferences and Seminars. She was **Coordinator** for the **Bioinformatics center**. She is an Honorary **Professor and Director for the School of Biotechnology, MGNIRSA- Hyderabad**. She is the life member of IWSA (Indian Women Scientists Association). **She was elected as President of the Organization of Women In Science for the Developing World (OWSD)** with it head quarters in Trieste- Italy, with a National Chapter of OWSD for India, the main organization has members from 102 countries. This organization promotes women from developing and underdeveloped countries to improve their qualification and find career opportunities anywhere in the world. Encouraging students & women in developing countries to build up their scientific aptitude and skills and she is devoted to help young students for their career development. **Her Passion: “Human dimensions: A vision for Sharing, Learning and Transforming”**

Books published by Kaiser Jamil

1. **Dr. Kaiser Jamil & Afzal Pasha Shaik (2009). “The Paradox of Lead Toxicity”.** Lambert Academic Publishing, 2009 - 208 pages. **ISBN:3838304527, 9783838304526**



2. **Dr. Kaiser Jamil (2001). "Bioindicators and Biomarkers of Environmental Pollution and Risk Assessment".** With an introduction by James E. Klanning ; Foreword by Larry E. Erickson. Science Publishers/ Inc. Enfield (NH), USA, Plymouth, UK. **ISBN:1578081629, 9781578081622**; OCLC Number:450980319; Description:XIII, 204 pages.



3. **Dr. Kaiser Jamil (1990). "Environmental biology of water hyacinth".** Vallabh Vidyanagar : Avichal Science .

Visits abroad: (also listed below)

- 1) Visit Sponsored by Rockefeller foundation to participate in the:
Bellagio Conference on: Repairing the Leaking Pipeline of Women Agricultural Scientists in Africa, 22-27 October 2007, Bellagio, Italy
Details published in a book – **"Successful Women Successful Science"** by Rockefeller Foundation.
- 2) Invited to participate in the
CONFERENCE on Women in Academic Science and Technologies: Towards Sustainable Development. 27-30 April 2008 – Jordan University of Science and Technology (JUST), Irbid, Jordan
At Jordan presented a paper (IL) on "The Role of MDR1 gene in relation to Xenobiotic transport across the cell membrane".
- 3) Invited to **Tehran University of Medical Sciences- Iran, (1st to 5th May-2008)** for a collaborative project in the area of medical biotechnology, presented invited lecture on miRNAs .

Overseas visits:

S. No.	Duration From- DD/MM/YY	To DD/MM/YY	Institute and the country of visit	Purpose of visit
1.	1 st Oct 2013	4 th Oct 2013	Buenos Aires, Argentina	Invited Participant in the International Conference : Organized by TWAS
2.	2 Feb. 2012	5 th Feb. 2012	Bangladesh	Presenting a Plenary lecture for the International Conference: on- WOMEN in SET; Global and Local perspective;- Dhaka
3.	14 th July 2013	18 th July 2013	Philadelphia-USA	Presenting a paper on Biomarkers in cancer research for the International Conference on :Biomarkers & Clinical Research: courtyard by Marriot; Philadelphia USA(Omics Group)
4.	18 th Sept 2012	21 st Sept 2012	Tianjin- China	Invited Participant in the International Conference: 23rd General Meeting, of TWAS Tianjin, China, & EC meeting of OWSD
5.	2008	2008 (one week)	Malaysia	Chairing a meeting of OWSD and honoring the young Scientists for Elsevier Awards- Kuala Lumpur
6.	2009	2009 (one week)	Paris- France	Participating in a meeting organized by UN as President of TWOWS (OWSD) on women and gender
7.	27 th June 2010	30 th June 2010	Beijing, China	GB Meeting of TWOWS and International Conference- presenting a plenary lecture.
8	18 th April 2013	24 th April 2013	Kuwait	Presenting a Plenary lecture for the International Conference: on- Women in Science and Technology in the Arab Countries,
9	2011	2011 (one week)	Jordan	Presented a Plenary lecture - International Conference and EC meeting of TWOWS
10	25 th June 2010	6 th July 2010	Beijing -China	Presented a Plenary lecture in the International Conference: "Women Scientists in a Changing World- & GB meeting of TWOWS
11	2006	2006 (one week)	Trieste-Italy	Conducting the EC meeting of OWSD(TWOWS) as President of TWOWS
12	1995	1995 (one week)	Kenya- Africa	Representing TWOWS in the UN International conference on Biodiversity.
13	1994	1994	Novosibirsk-	International Conference: on

		(ten days)	Russia	Bioinformatics- presented Invited lecture on : EGFR –drug target interaction
14	1989	1989 (one week)	Cape town -Africa	TWOWS –GB meeting and International Conference: Science and Technology for women in the developing world.
15	1988	1988 (ten days)	Zimbabwe- Africa	Invited as a Resource Person- Commonwealth Sponsorship Award (London) for visiting Zimbabwe as a Resource Person on Biological Control.
16	1988	1988 (One week)	Trieste- Italy	Presenting a paper -International Conf: On Chemical Evolution, TWAS/CIDA Sponsorship for participating in the International Conference in Trieste .
17	Apr.1986	May.1986 (one week)	Ottawa- Canada	Presenting a paper-International Conference:On deputation from IICT- Invited paper presentation IUPAC conference in OTTAWA and Visit to Canadian Research Centre.
18	Apr 1986	Apr. 1986 (one week)	Florida-USA	Presenting an Invited lecture- International Conference: NSF Award for visit to USA as an Expert member, for the International Conference in Florida, USA
19	May 1983	May 1983 (two weeks)	Tokyo- Japan	Nissey Sanyo Award - for training in Electron Microscopy-in Tokyo- Japan
20	Aug 1982	Sept 1982 (six weeks)	Trinidad- West Indies	For training in biological Control of CAB Headquarters in Trinidad (WI)
21	1978	1979	Biochemistry Dept..Sydney University- Australia	PDF- Research in Biochemistry of Reproduction

2014 onwards: visits abroad:

USA- 15th Sept-14th Oct 2014 [Chicago, Indianapolis, Washington-DC]

USA- Philadelphia, Omics Conference on Biomarkers. 2014

Kuwait- Conference of Women in Science in the Arab world. 2013

Kuwait- OWSD conference and general Assembly of OWSD. 2015



International Conference in Barcelona – Spain

WAMS Announced Dr. Kaiser Jamil as “Academy Professor of Cancer Genetics”



Congratulations to “**Dr. Kaiser Jamil**” the **Vice President of Asian Council of Science Editors**; for been honored with an outstanding Title “**Academy Professorship**” by The World Academy of Medical Sciences (WAMS).

Dr. Kaiser Jamil was recently spotted as an invited speaker at "Global Summit on Cancer Research" with The World Academy of Medical Sciences (WAMS), organized by Orion Conferences that was held from Jul 19 - 20, 2018 at Hotel Novotel Barcelona City, Spain. Where The World Academy of Medical Sciences selected her name as “**Academy Professor of Cancer Genetics**” and Certified her for “Academy Professorship”.

The conference was featured with a highly interactive, stimulating and multidisciplinary program including workshops, plenary sessions as well as oral abstract and poster sessions. This meeting addressed the entire related industries and look beyond the scientific topics alone. The Conference fulfilled its aim by providing the ideal forum to stimulate ideas and establish collaborations as well as to initiate intense discussions. The conference gathered academics, researchers, practitioners and research students from around the world to discuss the interdependence between theory and practice, with papers which focus on the analysis, description in order to better understand the ways in which theory, research, and pedagogy interact and inform each other.



Brief profile of Prof. Dr. Kaiser Jamil: