

# DR. Mrs. KAISER JAMIL, PhD.

FEMSI; FZSI; FIAPCB; FNEA, FISBT

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## **Dean and Director**

*School of Life Sciences, Centre for Biotechnology and Bioinformatics  
Jawaharlal Nehru Institute of Advanced Studies (JNIAS)  
Budha Bhawan, 6<sup>th</sup> Floor, Secunderabad  
Hyderabad-500003, Telengana. INDIA*

## **& Emeritus Research Scientist and Head, Genetics Department,**

*Bhagwan Mahavir Medical Research Centre, AC Guards, Hyderabad-500004, A.P. India  
, Mobile: 09676872626; Email ; [kj.bmmrc@gmail.com](mailto:kj.bmmrc@gmail.com)*

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Hyderabad-500039, Telengana, India; Tel: +91-40- 20055333;*

## **ACADEMIC POSITIONS**

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- ☞ Former Director Grade Scientist and Head of Biology and Biotechnology Division, of CSIR-IICT (Indian Institute of Chemical Technology- CSIR) Hyderabad, 500007, A.P. India (1981-2000)*
- ☞ Former Scientist of CCMB (Centre for Cellular and Molecular Biology- CSIR) Hyderabad,-500007, A.P. India (1971-1981)*
- ☞ CSIR Emeritus Scientist and Head, Department of Genetics, Bhagwan Mahavir Medical Research Centre, Hyderabad- 50004, A.P. India (2001- continuing)*
- ☞ Former Research Director: Indo American Cancer Institute and Research Centre, Banjara Hills, Hyderabad 500034, A.P.India ([www.iacirc.res.in](http://www.iacirc.res.in)) (2006-2008)*
- ☞ Hon. Prof, and Director, School of Biotechnology –MGNIRSA, Hyderabad, (2003 onwards) –website: [www.mgnirsa.ac.in](http://www.mgnirsa.ac.in) )*
- ☞ Dean, School of Life sciences, Honorary Professor and Director, Centre for Biotechnology and Bioinformatics, Jawaharlal Nehru Institute of Advanced Studies (JNIAS) Budha Bhawan ,6<sup>th</sup> Floor, M.G.Road, Secunderabad-500003, A.P. India, from 2009 continuing [ [www.jnias.in](http://www.jnias.in) ]*

☞ **President** ,(2005-2010) *Third World Organization of Women Scientists - TWOWS*, Trieste, Italy ([www.twows.org](http://www.twows.org))

## **RESEARCH EXPERTISE AND ACTIVITIES**

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- *Biotechnology and Bioinformatics*
- *Cancer Biology, Biomarkers, SNPs,*
- *Molecular Biology, Genetics, Electron Microscopy*
- *Environmental and Medical Biotechnology*
- *Studies on Metal ions in biological systems.*
- *Pharmacogenomics and Toxicogenomics.*
- *Trained in GLP, ISO 9002 and SOP preparation*
- *Expertise in Setting up start of Art facilities for Research Lab*

**Published more than 295 RESEARCH PAPERS in various peer reviewed journals and AUTHORED THREE BOOKS**

## **Most Recent AWARDS, HONORS AND SPECIAL RECOGNITION**

- 1. Life-time Achievement Award- July 2015 - Indo- Global International Conference**
- 2. Selected as Editor for Asian J. Of Scientific Research-August-2015- Dubai**
- 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 OWSD [Organization of Women in Science in the Developing World]**
- 6. Chairman of Ethics Committee of: Central Research Institute Unani Medicine**
- 7. I am 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. DrNTR University- Vishakapatnam

### ***ADVANCED TRAINING COURSES ATTENDED***

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- Biochemistry and Electron Microscopy(E.M.), at E.M. Unit, and Biochem Dept. University of Sydney, **AUSTRALIA**. Oct, 1978.-1979.
- Training in Electron Microscopy in **JAPAN** 1983 (Science city- Tokyo- 2weeks)
- Biological Control of Insect Pests, Terrestrial and Aquatic Weeds at Commonwealth Institute for Biological Control **TRINIDAD, WEST INDIES**, Aug- Sept 1982
- CSIR – CNRS 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 Department of Physiotherapy- Andhra Mahila Saba (2004-2006 & 2016)**

### ***FELLOWSHIPS ABROAD***

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- **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, etc. for Conferences, Visits and Invited Lectures, listed separately.*

#### **AWARDS, HONORS AND SPECIAL RECOGNITION**

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- 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 (Third World Organization of Women in Science-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 (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)*

### **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)
  - Journal of Comparative Physiology and Endocrinology
  - Biology and Medicine (Omics)
  - Asian Journal of Biological Sciences
  - Research Journal of Biotechnology
  - American Journal of Biochemistry and Molecular Biology
  - Asian Journal of Scientific Research
- **Member of ISSX and SETAC -1999-2003** (International Society for the Study of Xenobiotics USA). And New York Academy of Sciences.

### ***SPONSORED RESEARCH PROJECTS AT MAHAVIR HOSPITAL AND RESEARCH CENTRE- HYDERABAD***

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- **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: 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)

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

Web site : [www.iacirc.res.in](http://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*

**PhD Theses Supervised by Dr. Kaiser Jamil- from IICT-CSIR**

Sl. No.	Name of the Scholar	Year, PhD. Degree Awarded from University	Brief title of thesis	Present position
1.	Muddu Vijay	1990, Osmania University- Hyd	<b>Effect of heavy metals on mammalian reproduction</b>	<b>Attorney of Law, Hyderabad-High Court</b>
2.	U.S.N. Murthy	1987, Osmania University- Hyd	<b>Mosquito control DBMS</b>	Head, Biology Division, CSIR-IICT
3.	Saber Hussain	1991, Osmania University- Hyd	<b>Biochemical Toxicology of biocontrol agents</b>	Professor Mantech University Dayton Ohio, <b>USA</b>
4.	M. Satyakala	1992, Osmania University- Hyd	Biological control of aquatic weeds	Scientist, Biology Division, CSIR-IICT
5.	D. Rajagopal	1994, Osmania University- Hyd	Studies on Mycorrhizal Fungi	Scientist, New Zealand
6.	Margret,I.	1996, Osmania University- Hyd	Studies on wound healing activities by Natural products	Scientist (retired) Biology Division, CSIR-IICT
7.	V. Suvarchala	1998, Osmania University- Hyd	Studies on Bacillus thurengiensis – larvicidal protein	Scientist, Oregon University, Portland, USA
8.	Srinivas Reddy,P.	2001, Osmania University- Hyd	Bio transformations of Natural products	Dept. of Otolaryngology New Orleans, <b>USA. Now in Louisville-USA</b>
9.	Avinash Tope	2001, Osmania University- Hyd	Biotransformation of TNT	Professor, University of Kentucky <b>USA</b>
10.	Praveen,B.	2002, Osmania University- Hyd	<b>Metallothioneins in heavy metal taoxicities</b>	<b>Scientist, Illinois, University- USA</b>
11.	Jhansi Lakshmi	2003 Osmania University- Hyd	Biological control of silkworm pests	Faculty at padmavathy University



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<b>S.NO</b>	<b>NAME OF THE PhD Scholar</b>	<b>TOPIC OF RESEARCH</b>
13	<b>Suman G. – 2008</b> , Mysore University PhD degree Awarded [now in USA] (from BMMRC/ MGNIRSA)	Pharmacogenomic studies of anticancer drugs at various cyto and genotoxic levels in blood samples of individuals.
14	<b>Haranatha Reddy – 2008</b> , Mysore University PhD degree awarded [now in USA] (from BMMRC/ MGNIRSA)	Characterization of molecular markers in blood cancer Acute lymphocytic leukemia
15	<b>Ch Kalyan Kumar – 2009</b> , Mysore University, PhD Degree Awarded [ In-charge Clinical Research at Indo American Cancer Institute, Now at Krisan] (from BMMRC/ MGNIRSA)	Polymorphism in Breast Cancer genes and their associations with Drug- Gene Interactions

16	<b>Muhummadh Khan – 2009</b> , Mysore University, PhD Degree Awarded (from BMMRC/ MGNIRSA)	Studies on Cancer Metasignature genes and their Homologs: A Novel Approach
17	<b>Abjal Pasha Shaik – 2008</b> , JNT University- PhD degree awarded [now Assistant Prof. at King Soud University- UAE] (from BMMRC)	DNA Damage studies on lead exposed individuals using molecular and computational approaches
18	<b>Prabhavathy G.Das – 2007</b> , JNT University; PhD Degree Awarded [now faculty in Biotechnology-UAE] (from BMMRC)	Characterization of specific biomarkers in pesticide toxicology, using biotechnological approaches.
19	<b>Sabitha K – 2009</b> , JNT University; PhD Degree Awarded (from BMMRC)	Risk assessment in smokers, suffering from Head and Neck Cancers
20	<b>RamBabu Naraveni – 2009</b> , JNT University ; PhD Degree Awarded. [now in Canada] (from BMMRC)	Molecular mechanisms of Pesticides and drugs and its toxicity using biotechnological methods
21	<b>Rama Mani – 2009</b> , JNT University - PhD Degree Awarded,[now in AmPath Labs] (from BMMRC)	The role of biochemical markers and incidence of Ras & Braf gene mutations of MAPK pathway in hematological malignancies
22.	<b>A.B. Balaji – 2010</b> , Osmania University Degree Awarded-Sept-2010 (from BMMRC)	Isolation, Identification and Development of Human Stem cells for skin grafts
23.	<b>Rabbani Syed</b> , Mysore University PhD degree Awarded - Oct. <b>2010</b> (from BMMRC/ MGNIRSA)	Role of genetic polymorphism and biochemical factors in coronary artery disease
24.	<b>Padmanabha Rao</b> , Mysore University PhD degree Awarded - Oct. <b>2013</b> (from BMMRC/ MGNIRSA)	Pharmacological Evaluation of Polyherbal Preparations for its Antidiabetic Profile.
25.	<b>Mushtaq Ahmed</b> , Mysore University PhD degree Awarded - March <b>2014</b> (from BMMRC/ MGNIRSA)	Pharmacological evaluations, and Toxicity of neoplastic drugs against cancer cell lines (HeLa Cells)
26.	<b>Kirmani Natukula-</b> Registered in Nizams Institute of Medical Sciences-[NIMS-Hyderabad] PhD degree Awarded July 2014.(from BMMRC)	<i>Pharmacogenetic Studies on Inherited DNA Repair Capacity with Response to Platinum Based Chemotherapy in Lung Cancer</i>
27.	<b>Nagalakshmi K.</b> registered in Nizams Institute of Medical Sciences-[NIMS- Hyderabad] PhD degree Awarded- July 2014.[ now in CDFD] (from BMMRC)	Identification of molecular markers in Head and Neck Cancers.

28	<b>Mohan Reddy M.</b> registered in 2009, JNT University, Hyderabad - (from BMMRC) PhD degree Awarded –Aug. 2015	Molecular links between obesity genes and breast cancer.
29.	<b>Kalyani P.</b> registered in, JNT University –H, PhD Degree Awarded Oct. 2015 [now in CDFD] (from BMMRC)	Genetic aspects of Anemia in cancers.
30.	<b>Archana Jayaraman</b> registered in, JNT University –Hyderabad, PhD Degree Awarded Dec. 2015	Profiling of cancer signature genes in childhood leukemia using bioinformatics tools

**Thesis submitted:**

1. **Syed Subhani** –Registered in JNTU H,-in, Biotechnology-thesis submitted – Dec-2015
2. **Hajira Fatima** Registered in 2010 Mysore University.(from MGNIRSA) thesis under preparation-- *Genetic Interactions of Hormones in Breast Cancer* Thesis under preparation

**Students Registered for PhD- presently**

1. Nasreen Begum –Registered in JNTU-H – 2012
2. Sabeena M. –Registered in JNTU-A -2012
3. Sushma P. - Registered in DrNRT University 2012– Vijayawada, A.P.
4. Neelima B. Registered in JNTU-H- 2012

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

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**Publications in 2016**

1. Kalyani P, **Kaiser Jamil** (2016) Study on Biochemical Facet of Anemia in Cancers. Indian J Cancer 52(1):127-32 IF-
2. Kalyani P, **Kaiser Jamil** (2016). Association of C1772T and G1790A polymorphisms of HIF-1 $\alpha$  gene with anemia in cancers and its clinical significance: A case-control study. Molecular Biology Reports (comm.)

3. 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

### **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.](#) **Biomedecine 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**

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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](#); 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](https://doi.org/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](https://doi.org/10.4172/2153-0645.1000151)
13. Sangeetha Aula, Samyuktha Lakkireddy, **Kaiser Jamil**, Atya Kapley, A.V.N. Swamy, Harivardhan Reddy Lakkireddy **2015; Biophysical, Biopharmaceutical and Toxicological Significance of Biomedical Nanoparticles**. **Royal Society of Chemistry - RSC Advances** 05/2015; DOI:10.1039/C5RA05889A · **3.71 Impact Factor**
14. Zaid Isam Issa, Jaafar Faez Kadhim, Asimuddin M, Acharya Nagarjun. P., **Kaiser Jamil** (2015). Biosynthesis of Zinc Oxide Nanoparticles and its Characterization for Antibacterial and Anticancer Properties; **World Journal of Pharmacy and Pharmaceutical Sciences**. Vol-4 (11), pp1-17. 2015 **IF: 5.210**. ISSN 2278-4357
  
15. P.S. Sushma · **Kaiser Jamil** · P Uday Kumar · U Satyanarayana · M Ramakrishna · B Triveni **(2015)**· PTEN and p16 genes as epigenetic biomarkers in oral squamous cell carcinoma (OSCC): a study on south Indian population. **Tumor Biology**; Dec. 2015 **DOI: 10.1007/s13277-015-4648-8 Impact Factor: 3.61**
16. Samyuktha Lakkireddy · Sangeetha Aula · Swamy Avn · Atya Kapley · Raghunadha Rao Digumarti · **Kaiser Jamil** · (2015) Association of The Common CYP1A1\*2C

Variant (Ile462Val Polymorphism) with Chronic Myeloid Leukemia (CML) in Patients Undergoing Imatinib Therapy\_ Cell Journal 10/2015; 17(3):510-9. · **1.11 Impact Factor**

17. N. Mohan Reddy · N. Rajashekhar Reddy · **K. Jamil** · (2015) **Spicy anti-cancer spices: A review**, International Journal of Pharmacy and Pharmaceutical Sciences, Vol 7, Issue 11, p-1-6; 2015; ISSN- 0975-1491
18. Lucky Ramesh Thakkar, Shubhangi Kailas Pingle, Divya Vishambhar Kumbhakar<sup>1</sup>, Aruna Anil Jawade, Rajani Ganpatrao Tumane, Pravin Naresh Soni, Ruchika Kishor Jain, **Kaiser Jamil** (2015). Expression of 16.2kDa protein in elderly population: A quest for the detection of age related hearing impairment. . Indian J Otol 2015;21:248-53, Published by Wolters Kluwer – Medknow; DOI: 10.4103/0971-7749.167399
- 19.

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#### **Publications in 2014:**

1. **Kaiser Jamil** (2014). Clinical Implications of *MTHFR* Gene Polymorphism in Various Diseases. **OMICS: Biology and Medicine**, 6: e107. doi: 10.4172/0974-8369.1000e107. [editorial]
2. **Kaiser Jamil**, Vidhya R. Ramoji K. Asim M. Sindhu Joshi and Shiva Kumar (2014), Polymorphism of CYP3A4\*2 and eNOS genes in the diabetic patients with hyperlipidemia undergoing statin treatment, Journal: **Molecular Biology Reports** (DOI: 10.1007/s11033-014-3557-z) **Impact factor- 2.506**
3. **Jamil K**, Ahmad J, Fatima H and Raju G.S (2014): Significance of CA 125 and CEA as biomarkers in assessing progress of treatment for cervical cancer. **Int J Pharm Sci Res** 2014; 5(8): 3297-03.doi: 10.13040/IJPSR.0975-8232.5(8).3297-03.
4. **Jamil Kaiser**, Reddy H., Natukula K. and Jayaraman A. (2014) "Does cytogenetics have answers to genomic instability in cancers with Leukemia as the most studied example?" Res. J. Biotech. , Vol 9 (6), pp. 15-25. **Impact factor: 0.262**
5. Kavita Kumari Kakarala, **Kaiser Jamil** (2014). Sequence-structure based phylogeny of GPCR Class A Rhodopsin receptors. **Molecular Phylogenetics and Evolution**, 74:66-96. doi: 10.1016/j.ympev.2014.01.022. [PMID: 24503482] ( **Impact Factor: 4.066**)-PubMed
6. **Kavita Kumari Kakarala, Kaiser Jamil** (2014) Screening of Phytochemicals against protease activated receptor 1 (PAR1), a promising target for cancer. Journal of Receptor and Signal Transduction Research (**Impact Factor: 1.63**). 07/2014 pp1-20; DOI: 10.3109/10799893.2014.926925 Source: PubMed

7. Fatima H., **Jamil K.**, Raju G.S.(2014) Evidence of Hormonal Regulation in Breast Cancer Postmenopausal Women with Reproductive Surgeries. *Journal for Cancer. Photon* 112, 142-152. [ISJN 57295615D 71190909 2014](https://doi.org/10.1186/s12956-014-0090-4)
8. Archana Jayaraman and **Kaiser Jamil (2014)**. Drug Targets for Cell Cycle Dysregulators in Leukemogenesis: In Silico Docking Studies. **PLoS ONE**, 9(1): e86310. doi:10.1371/journal.pone.0086310 [PMID: 24454966] (Thomson Reuters Journal Citation Reports [JCR] **2012 Impact Factor: 3.730**)
9. Mohan Reddy, Kalyani P., **Kaiser Jamil (2014)**. Adiponectin and Leptin, Molecular Actions and Clinical Significance in Breast Cancer. **International Journal of Hematology - Oncology and Stem cell Research**, 8(1): 31-40 [PMID: 24505549] (**Universal Impact Factor -0.9459**)
10. Mohan Reddy.N, Kalyan Kumar.Ch, **Kaiser Jamil**, Lakshmi Narasu.M. Obesity Related Adipokine Resistin (2014). Molecular Actions and Clinical Significance in Breast Cancer. *Scholars Journal of Applied Medical Sciences* (2014) 2(2C):744-748.
11. K. Nagalakshmi, **Kaiser Jamil**, Usharani Pingali, M. Vishnuvardhan Reddy, and Suresh S. V. Attili: (2014). Epidermal growth factor receptor (EGFR) mutations as biomarker for head and neck squamous cell carcinomas (HNSCC). **Biomarkers**, Early Online: 1–9, 2014 Informa UK Ltd. DOI: 10.3109/1354750X.2014.895852 –**Impact Factor: 1.88 (pubMed)**
12. Sabeena M. and **Kaiser Jamil; (2014)**Functional Characterization and Structure Prediction of HDAC-10: A Bioinformatics Approach. *International Journal of Science and Research (IJSR) ISSN (Online): pp 2319-7064; Impact Factor: 3.358*
13. Kalyani P, **Kaiser Jamil**, Kirmani N, Nagalakshmi K, Mohan Reddy N, Archana. (2014) Mutational Analysis of Erythropoietin Gene and Its Enhancer in Anemic Cancer Patients. *Sch. J. App. Med. Sci.*, 2014; 2(3A):942-948. **ICV-3.26**. (SJAMS) ISSN 2320-6691 (Online); ISSN 2347-954X (Print) **Impact Factor: 3.26**
14. Kalyani P, **Kaiser Jamil** , 2014, Study on the impact of anemia on the Quality of Life (QoL) of cancer patients. *EUR. J. ONCOL.*; Vol. 19, n. 1, pp. 43-51, 2014 . ISSN: 1128-6598. . **IF - 0.750**
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1. Suman G, Rambabu N, and **Kaiser Jamil** (2006). In Vitro Cytogenetic studies of Cypermethrin on human lymphocytes. **Indian Journal of Experimental Biology**, 44: 233 -239. [PMID: 16538863] (JCR 2012 Impact Factor: 1.195)
2. Suman G and **Kaiser Jamil** (2006). Application of Human Lymphocytes for Evaluating toxicity of Anti-Cancer Drugs. **International Journal of Pharmacology**, 2(4): 374-381. (JCR 2012 Impact Factor: 1.503)

3. Suman G and **Kaiser Jamil (2006)**. Novel CYP3A4 gene polymorphisms in post chemo breast cancer patients. **International Journal of Cancer Research**, 2(4): 358-366.
4. Suman G and **Kaiser Jamil (2006)**. Studies on Combination Vs Single Anti-Cancer Drugs In vitro, **Perspectives in Cytology and Genetics**, 12: 185-195.
5. Suman G, Khan M, Sabitha K and **Kaiser Jamil (2006)**. Mutations in mexR gene leading to drug resistance in Corneal keratitis in human. **Indian Journal of Experimental Biology**, 44: 929-936. [PMID: 17205717] (**JCR 2012 Impact Factor: 1.195**)
6. Haranatha Reddy & **Kaiser Jamil (2006)**. Polymorphisms in the MTHFR gene and their possible association with susceptibility to childhood acute lymphocytic leukemia (ALL) in Indian population. **Leukemia and Lymphoma**, 47(7): 1333 -1339. [PMID: 16923565] (**JCR 2012 Impact Factor: 2.301**)
7. Haranatha Reddy & **Kaiser Jamil (2006)**. Polymorphism in the GST (M1 and T1) gene and their possible association with susceptibility to childhood acute lymphocytic leukemia (ALL) in the Indian population. **African Journal of Biotechnology**, 5(16): 1454 -1456.
8. Kalyan Kumar and **Kaiser Jamil (2006)**. Methylenetetrahydrofolate reductase (MTHFR) C677T and A1298C polymorphisms and breast cancer in South Indian population. **International Journal of Cancer Research**, 2(2): 143 -151.
9. Rama Mani S, Sudha Murthy and **Kaiser Jamil (2006)**. Role of serum Lactate dehydrogenase as a bio-Marker in Therapy related Hematological malignancies. **International Journal of Cancer Research**, 2(4): 383-389.
10. Sabitha K and **Kaiser Jamil (2006)**. Analysis of EGFR gene mutations, which have a response to Quinazolin Inhibitors. Publication in the **Proceedings of International Conference on Bioinformatics-Russia –BSRG-August-Proceedings-** pp238-239
11. Muhummadh Khan and **Kaiser Jamil (2006)**. The Phylogenetic Analysis of Ubiquitin conjugating enzymes of cancer metesignature. **Proceedings of International Conference on Bioinformatics-Russia BSRG- August- Proceedings-** 2006.
12. Prabhavathy G Das, Abjal Pasha Shaik and **Kaiser Jamil (2006)**. Estimation of apoptosis and necrosis caused by pesticides in vitro on human lymphocytes using DNA diffusion assay. **Drug and Chemical Toxicology**, 29(2): 147-156. [PMID: 16707324] (**JCR 2012 Impact Factor: 1.293**)
13. Prabhavathy Das G, **Kaiser Jamil** and M.F. Rahman (**2006**). Effect of four Organophosphorus Compounds on Human Blood Acetylcholinesterase: In vitro Studies. **Toxicology Mechanisms and Methods**, 16(8): 1-5. [PMID: 20021020] (**JCR 2012 Impact Factor: 1.367** )
14. Prabhavathy G Das, Abjal Pasha Shaik, and **Kaiser Jamil (2006)**. Cytotoxicity and Genotoxicity induced by the pesticide Profenofos on cultured human peripheral blood lymphocytes. **Drug and Chemical Toxicology**, 29(3): 313-322. [PMID: 16777709] (**JCR 2012 Impact Factor: 1.293**)
15. Abjal Pasha Shaik, Siva Sankar, S.C. Reddy, Prabhavathy G.Das and **Kaiser Jamil (2006)**. Lead-Induced Genotoxicity in Lymphocytes from Peripheral Blood Samples of Humans: In Vitro Studies. **Drug and Chemical Toxicology**, 29(1): 111-124. [PMID: 16455594] (**JCR 2012 Impact Factor: 1.293**)



16. Prabhavathy Das, Abjal Pasha Shaik and **Kaiser Jamil (2006)**. Estimation of Necrosis caused by pesticides In Vitro on human lymphocytes using DNA Diffusion Assay. **Drug and Chemical Toxicology**, 29: 1-10. [PMID: 16707324] (**JCR 2012 Impact Factor: 1.293**)
17. Haranatha Reddy, Sudha Murthy and **Kaiser Jamil (2006)**. Association of FLT3-ITD (Internal Tandem duplication) polymorphism in the childhood acute lymphocytic leukemia. **Recent Advances in Biotechnology**, pp. 192-198.

### **Publications in 2005:**

1. Rambabu Naravaneni and **Kaiser Jamil (2005)**. Rapid detection of food-borne pathogens by using molecular techniques. **Journal of Medical Microbiology**, 54 (Pt 1): 51-54. [PMID: 15591255] (**JCR 2012 Impact Factor: 2.297**)
2. **Kaiser Jamil** and G Prabhavathy Das (2005). Stem cells: The Revolution in Current Medicine. **Indian Journal of Biotechnology**, 4: 1-12. (**JCR 2012 Impact Factor: 0.477**)
3. **Kaiser Jamil**, Abjal Pasha Shaik, and Jyothi Laxmi A (2005). Pesticide Induced Cytogenetic Risk Assessment In Human Lymphocyte Culture In-Vitro. **Bulletin of Environmental Contamination and Toxicology**, 75: 7-14. [PMID: 16228866] (**JCR 2012 Impact Factor: 1.105**)
4. Rambabu Naravaneni and **Kaiser Jamil (2005)**. Cytogenetic Biomarkers of Carbofuran Toxicity Utilizing Human Lymphocyte Cultures In-Vitro. **Drug and Chemical Toxicology**, 28: 359-372. [PMID: 16051560] (**JCR 2012 Impact Factor: 1.293**)
5. Bhoopathi Praveen, S.Vincent, USN Murty, A.Radha Krishna and **Kaiser Jamil (2005)**. A rapid identification system for metallothionein proteins using expert system. **Bioinformation**, 1(1): 14-15. [PMID: 17597844] (**ICV: 5.28**)
6. Abjal Pasha Shaik, Siva Sankar, Satish C.Reddy, Prabhavathy G.Das and **Kaiser Jamil (2005)** Lead induced genotoxicity in lymphocytes from peripheral blood samples of humans: In-vitro studies. **Drug and Chemical Toxicology**, 75(1): 7-14. [PMID: 16455594] (**JCR 2012 Impact Factor: 1.293**)
7. Rambabu Naravaneni and **Kaiser Jamil (2005)**. Evaluation of cytogenetic effects of lambda-cyhalothrin on human lymphocytes. **Journal of Biochemical & Molecular Toxicology**, 19(5): 304-10. [PMID: 16292750] (**JCR 2012 Impact Factor: 1.596**)
8. Prabhavathy Das and **Kaiser Jamil (2005)**. Variations in AChE and Blood Proteins in Blood samples exposed to pesticides in vitro –Proceedings of the 13<sup>th</sup> North American ISSX Meeting/20<sup>th</sup> JSSX Meeting Maui, Hawaii October 23-27, 2005 **Drug Metabolism Reviews**, 37(Supplement 2): p 408.
9. Suman G. and **Kaiser Jamil (2005)**. Cytogenetic consequences of 5-FU, Doxorubicin and Cyclophosphamide (FAC) drugs treatment in human lymphocyte cultures: In Vitro study. **Proceedings of the Tenth All India Conference on Cytology and Genetics**, Andhra University, Vishakapatnam, India.

### **Selected Publications from 2004 -2000:**

1. Mallavadhani, U. V., Mahapatra, A., **Kaiser Jamil**, Reddy, P. S. (2004). Antimicrobial activity of some Pentacyclic Triterpenes and their synthesized 3-O-Lipophilic chains. **Biological and Pharmaceutical Bulletin**, 27(10): 1576-1579. [PMID: 15467198] (**JCR 2012 Impact Factor: 1.85**)

2. **Kaiser Jamil**, Abjal Pasha Shaik, M. Mahboob and D.Krishna (2004). Effect of Organophosphorus and Organochlorine Pesticides (Monocrotophos, Chlorpyrifos, Dimethoate and Endosulfan) On Human lymphocytes In-vitro. **Drug and Chemical Toxicology**, 27(2): 133-144. [PMID: 15198073] (**JCR 2012 Impact Factor: 1.293**)
3. Rao, M.R., Venkatesham, U., Sridevi, K.V., Reddy, P. S., **Kaiser Jamil** and Venkateswarlu, Y. (2002). Biotransformation of the sesquiterpenoid 6 $\beta$ -7 $\beta$  epoxy 4 $\beta$ -hydroxy guain-10-ene by the fungi *Asperigillus niger* and *Glomerella cingulata*. **Indian Journal of Chemistry (Section B: Medicinal Chemistry)**, 41B(7): 1472-1476. (**JCR 2012 Impact Factor: 0.69**)
4. Khan I.A., B.V.Reddy, M.Mahboob, M.F.Rahman and **Kaiser Jamil** (2002). Acute and sub acute effects of 2-butenic acid-3-(diethoxy phosphinothioyl) methyl ester (RPR-II) on testis of albino rats. **Indian Journal of Experimental Biology**, 40: 162-168. [PMID: 12622178] (**JCR 2012 Impact Factor: 1.195**)
5. Rahman, M.F.; M.K.J. Siddiqui and **Kaiser Jamil** (2002). LDH Profiles of Male and Female Rats Treated with Vapacide. **Phytotherapy Research**, 16: 122-126. [PMID: 11933112] (**JCR 2012 Impact Factor: 2.068**)
6. P.M.Shafi, M.K.Rosamma, **Kaiser Jamil**, P.S.Reddy (2002). Antibacterial activity of the essential oil from *Aristolochia indica*. **Fitoterapia**, 73: 439-441. [PMID: 12165346] (**JCR 2012 Impact Factor: 2.231**)
7. P.M.Shafi, M.K.Rosamma, **Kaiser Jamil**, P.S.Reddy (2002). Antibacterial activity of *Syzygium cumini* and *Syzygium travancoricum* leaf essential oils. **Fitoterapia**, 73: 414- 416. [PMID: 12165339] (**JCR 2012 Impact Factor: 2.231**)
8. Saleha Bano, Dana Devi, M. Mahboob and **Kaiser Jamil** (2001). In vivo Genotoxic effects of Zinc sulphate in mouse peripheral leucocytes using comet assay. **Drug and Chemical Toxicology**, 24(1): 63-73. [PMID: 11307635] (**JCR 2012 Impact Factor: 1.293**)
9. Saleha Banu, Dana Devi, M.F. Rahman, Y.R. Ahuja and **Kaiser Jamil** (2001). Genotoxic effect of monocrotophos to sentinel species using comet assay. **Food and Chemical Toxicology**, 39: 361-366. [PMID: 11295482] (**JCR 2012 Impact Factor: 3.010**)
10. Avinash M.Tope and **Kaiser Jamil** (2001). Isolation of TNT tolerant *Pseudomonas* species (strain KA) from TNT contaminated soil – Biotransformation of TNT. **Defence Science Journal**, 51(2): 141-146. (**JCR 2012 Impact Factor: 0.359**)
11. Halim Eshrat M.Ali Hussain, **Kaiser Jamil** and Mala Rao (2001). Preliminary studies on the hypoglycaemic effect of *Abroma augusta* in alloxan diabetic rats. **Indian Journal of Clinical Biochemistry**, 16 (1): 77-80. [PMID: 23105296]
12. Halim Eshrat M.Ali Hussain, **Kaiser Jamil** and Mala Rao (2001). Hypoglycaemic, hypolipidemic and antioxidant properties of *Ocimum sanctum* (tulsi), on streptozotocin induced diabetes in rats. **Indian Journal of Clinical Biochemistry**, 16 (2): 190-194. [PMID: 23105316]
13. K. Dana Devi, R. Rosati, B. Saleha Banu, **Kaiser Jamil**, P. Grover (2001). In vivo genotoxicity effect of potassium dichromate in mice leukocytes using comet assay. **Food and Chemical Toxicology**, 39: 859 – 865. [PMID: 11434993] (**JCR 2012 Impact Factor: 3.010**)
14. **Kaiser Jamil** (2001). BK# **Bioindicators And Biomarkers of Environmental Pollution And Risk Assessment**. Science Publishers, Inc., Enfield (Nh), USA and Plymouth, UK.

15. Reddy, P. S., **Kaiser Jamil**, Madhusudhan, P., Anjani, G. and Das, B. (2001). Evaluation of antibacterial activity of Piper longum and Taxus baccata. **Pharmaceutical Biology**, 39(3): 236-238. (JCR 2012 2012 Impact Factor: 1.206 )
16. Saleha Bano, Dana Devi, **Kaiser Jamil**, Y.R.Ahuja, K.Vishweshwara Rao and M.Ishaque (2001). In vivo genotoxic effect of arsenic trioxide in mice using comet assay. **Toxicology**, 162: 171 –177. [PMID: 11369113] (JCR 2012 Impact Factor: 4.017)
17. Grover P. and **Kaiser Jamil** (2001). Alternative methods for dermal and ocular animal safety testing of chemicals. **Proc. Indian National Science Academy (PINSAb)**, 67 (1&2): pp 1-20.
18. Khan IA, Reddy BV, Mahboob M, Rahman MF, **Kaiser Jamil** (2001). Effects of phosphorothionate on the reproductive system of male rats. **Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants, and Agricultural Wastes**, 36(4):445-56. [PMID: 11495022] (JCR 2012 Impact Factor: 1.21)
19. Rahman MF, Siddiqui MK, **Kaiser Jamil** (2001). Effects of Vepacide (Azadirachta indica) on aspartate and alanine aminotransferase profiles in a subchronic study with rats. **Human and Experimental Toxicology**, 20(5):243-9. [PMID: 11476156] (JCR 2012 Impact Factor:1.453)
20. Banu BS, Devi KD, Mahboob M, **Kaiser Jamil** (2001). In vivo genotoxic effect of zinc sulfate in mouse peripheral blood leukocytes using Comet assay. **Drug and Chemical Toxicology**, 24(1):63-73. [PMID: 11307635] (JCR 2012 Impact Factor: 1.293)
21. Devi KD, Banu BS, Mahboob M, **Kaiser Jamil** , Grover P (2001). In vivo genotoxic effect of cadmium chloride in mice leukocytes using comet assay. **Teratogenesis, Carcinogenesis, and Mutagenesis**, 21(5):325-33. [PMID: 11746246]
22. Suvarchala, V. , and **Kaiser Jamil** (2001). Prediction of Lytic Segments from Bacillus thuringiensis var israelensis 130 kDa and 72 kDa Proteins. **BMB Reports**, 34(2): 130-133.
23. Suvarchala, V. , and **Kaiser Jamil** (2000). Leucine rich repeat sequence of the delta endotoxin family of Bacillus thuringiensis. **Journal of Biochemistry & Molecular Biology**, 33(1): 107-109.
24. Dana Devi K., Saleha Banu, Paramjit Grover and **Kaiser Jamil** (2000). Genotoxic effect of lead on mice using SCGE (Comet assay). **Toxicology**, 145: 195-201. [PMID: 10771143] (JCR 2012 Impact Factor: 4.017)
25. **Kaiser Jamil** (2000). Plasma Membrane: Domain formation during acrosomal reaction in the mammalian sperm cell. In : **Electron Microscopy in Medicine and Biology**. Editors : Gupta PD and H. Tonaka Eds. Science Publishers, Inc. Enfield (NH),USA, Plymouth UK., Chapter 4, pp 41 - 55.
26. Mahboob M., Siddiqui M.K.J. and **Kaiser Jamil** (2000). Sub acute effects of a Phosphorothionate pesticide on mixed function oxidases of Wistar rats. **Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants, and Agricultural Wastes**, 35(6): 739-749. [PMID: 11069016] (JCR 2012 Impact Factor: 1.21)
27. Avinash M.Tope, **Kaiser Jamil** , Baggi,T.R. (2000). Transformation of 4,4,6, trinitrotoluene by resting and immobilized cells of Arthobacter species. **Journal of Hazardous Materials Research** (on-line journal), 2(3): 1-8.

28. Rahman MF, Siddiqui MK, **Kaiser Jamil (2000)**. Inhibition of acetylcholinesterase and different ATPases by a novel phosphorothionate (RPR-II) in rat brain. **Ecotoxicology and Environmental Safety**, 47(2):125-9. [PMID: 11023690] (**JCR 2012 Impact Factor: 2.203**)
29. Rahman MF, Siddiqui MK, **Kaiser Jamil (2000)**. Acid and alkaline phosphatase activities in a novel phosphorothionate (RPR-11) treated male and female rats. Evidence of dose and time-dependent response. **Drug and Chemical Toxicology**, 23(3):497-509. [PMID: 10959550] (**JCR 2012 Impact Factor: 1.293**)

### **Selected Publications before 2000:**

30. M. F. Rahman, M.K.J. Siddiqui and **Kaiser Jamil (1999)**. Biochemical alterations induced by a new phosphorothionate (RPR-II) in tissues of male and female rats. **Indian Journal of Experimental Biology**, 37: 546-552. [PMID: 10641186] (**JCR 2012 Impact Factor: 1.195**)
31. I. Margaret, B. Praveen and **Kaiser Jamil (1999)**. Effect of Povidene-Iodine on wound healing in control, diabetic and steroid depressed rats. **Fundamental and Clinical Pharmacology**, 13: 490-493. [PMID: 10456291] (**JCR 2012 Impact Factor: 1.988**)
32. Indu Kumari, S. and **Kaiser Jamil, (1999)**. Biotechnology: An answer to alternatives for animal model testings. **Current Science**, 76: 1087-1090. (**JCR 2012 Impact Factor: 0.91**)
33. Y. Venkateswarlu., P. Ramesh., P. Srinivasa Reddy and **Kaiser Jamil (1999)**. Microbial transformation of  $\Delta^9(15)$ -Africanene. **Phytochemistry**, 52: 1275-1277. [PMID: 10647214] (**JCR 2012 Impact Factor: 3.050**)
34. M. F. Rahman, M. K. J. Siddiqui, and **Kaiser Jamil. (1999)**. Sub chronic effect of neem based pesticide (Vepacide) on acetylcholinesterase and ATPases in rat. **Journal of Environmental Science and Health, Part B: Pesticides, Food Contaminants, and Agricultural Wastes**, 34(5): 873-84. [PMID: 10466107] (**JCR 2012 Impact Factor: 1.21**)
35. Margaret I and **Kaiser Jamil (1998)**. Influence of Naproxen on the healing of open excision wound in rats. **Proceedings of the 34<sup>th</sup> Annual Rocky Mountain Bioengineering Symposium** 226-232.
36. Margaret I, Srinivas Reddy P, Praveen B and **Kaiser Jamil (1998)**. Wound healing activity of *Gliricidia maculata*. **Phytotherapy Research**, 12: 539-541. (**JCR 2012 Impact Factor: 2.068**)
37. I. Margaret, R. Srinivas Reddy and **Kaiser Jamil (1998)**. Anti-inflammatory Profile of Tridax procumbens in animals and fibroblast cell models. **Phytotherapy Research**, 12: 285-287. (**JCR 2012 Impact Factor: 2.068**)
38. Mahboob M, Siddiqui MK, **Kaiser Jamil (1998)**. The effect of subacute administration of a neem pesticide on rat metabolic enzymes. **Journal of Environmental Science and Health. Part. B, Pesticides, food contaminants, and agricultural wastes**, 33(4):425-38. [PMID: 9674151] (**JCR 2012 Impact Factor: 1.21**)
39. Y. Venkateswarlu., P. Ramesh., N. Srinivasa Reddy., P. Srinivasa Reddy and **Kaiser Jamil (1998)**. Chemical Reduction of Zoanthamine and evaluation of antibacterial activity. **Heterocyclic Communications**, 4(6): 575-580. (**JCR 2012 Impact Factor: 0.522**)
40. Margaret I, **Kaiser Jamil (1997)**. Influence of naproxen on the healing of open excision wound in rats. **Biomedical Sciences Instrumentation**, 33:226-32. [PMID: 9731363]

41. Murty US, **Kaiser Jamil**, Krishna D, Reddy PJ (1996). Rule-based system for the fast identification of species of Indian Anopheline mosquitoes. **Computer Applications in the Biosciences: CABIOS**, 12(6):491-5. [PMID: 9021267] (**JCR 2012 Impact factor [Changed Journal Title:Bioinformatics]: 5.323**)
42. Krishna D, Murty US, Sriram K, **Kaiser Jamil** , Reddy PJ (1993). Vapour toxicity of aerosol formulation, allethrin on *Culex quinquefasciatus* (Diptera: Culicidae), *Say & Musca domestica* (Diptera: Muscidae) N. **The Indian Journal of Medical Research**, 97:212-4. [PMID: 8262574] (**JCR 2012 Impact Factor: 2.061**)
43. **Kaiser Jamil** and Saber Hussain (1993). Biochemical variations in ovaries of water hyacinth weevils *Neochetina eichhorniae* (Warner) exposed to heavy metals. **Indian Journal of Experimental Biology**, 31: 36-40. (**JCR 2012 Impact Factor: 1.195**)
44. U. Suryanarayana Murty, **Kaiser Jamil** and Adeel Ahmed (1993). Aerodynamic parameters and design of flight surface of mosquito *Culex quinquefasciatus* (Diptera: Culicidae) *Say*. **International Journal of Tropical Insect Science (Formerly Insect Science and It's Application)**, 14(2): 205-209.
45. P.J Reddy, D. Krishna, U.Suryanarayana Murthy and **Kaiser Jamil** (1992). A microcomputer Fortran programme for rapid determination of lethal concentration biocides in mosquito control. **Computer Applications in the Biosciences: CABIOS, U.S.A.**, 8(3): 209-213. [PMID: 1353007] (**JCR 2012 Impact factor [Changed Journal Title:Bioinformatics]: 5.323**)
46. Satyakala G, Kaiser Jamil (1992). Chromium-induced biochemical changes in *Eichhornia crassipes* (Mart) solms and *Pistia stratiotes* L. **Bulletin of Environmental Contamination and Toxicology**, 48(6):921-8. [PMID: 1568071] (**JCR 2012 Impact Factor: 1.105**)
47. M. Jameeluddin, S.A. Iqbal, **Kaiser Jamil** and S.A. Chaghtai (1991). Synthesis and evaluation of antibacterial activity of 4, amino N, (4,6, Dimethyl-2-2 pyrimidinyl) benzene sulphonamide (sulphadimidine) and its metal complexes. **Oriental Journal of Chemistry**, 7(3): 144-147.
48. **Kaiser Jamil** (1990). Environmental biology of water hyacinth. Published by Avichal Science Foundation 'Avichal', Shastri Marg, Vallabh Vidyanagar, Gujarat. 104 pages, June 1990.(**Monograph**)
49. Hussain MS, **Kaiser Jamil** (1990). Bioaccumulation of mercury and its effect on protein metabolism of the water hyacinth weevil *Neochetina eichhorniae* (Warner). **Bulletin of Environmental Contamination and Toxicology**, 45(2):294-8. [PMID: 2400847] (**JCR 2012 Impact Factor: 1.105**)
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 Kaiser Jamil**Njyothi 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 ionophore 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. Dewart (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. **14<sup>th</sup> 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]	A process for the synthesis of new heterocyclic	K Rama Rao YVD Nageswar	India 191416 (24/5/04)
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	MLP-0001/02	substituted sulfamides useful as antibacterial agents	J S Yadav <b>Kaiser Jamil</b> P Srinivasa Reddy	
2.	NF-282/97 PT-199	A process for the preparation of biosorbent useful for removal of dyes and heavy metals.	<b>Kaiser Jamil T S</b> 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 <b>Kaiser Jamil</b> 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 <b>Kaiser Jamil P</b> Srinivasa Reddy	India [578/DEL/99] 15/4/99
5.	2104/CHE/2009	Possible Outcomes in Multi-Factored Diseases'	<b>Kaiser Jamil</b> Haranatha Reddy Subrahmanya Nairy	<b>US patent</b> August 31, 2009

### Few of the CONFERENCE PRESENTATIONS (2005 onwards)

#### CONFERENCES ORGANISED/ ATTENDED/ Given Invited Lectures/CHAired

- 3<sup>rd</sup> Annual Convention of Indian Association for Cancer Research held at Convention Centre, Hotel Clarks-Amer, Jaipur from 19<sup>th</sup> – 21<sup>st</sup> February 2015. **IL –topic ; Pharmacogenomics and cancer, the science towards the development of personalized medicine.**
- “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 9<sup>th</sup> -11<sup>th</sup> January 2015 . Topic of IL-33: **Networking of TNF-alpha and its role in Diabetes mellitus.**
- 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.**
- 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. 13-14<sup>th</sup> 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.**
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- **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.
- *Seminar on “Stress Management” and Felicitations to women achievers – March 8, 2011.*
- **Dr. Kaiser Jamil** (2011); *“Biotechnology on a Nano Scale”, - National Conference on NanoBiotechnology : Emerging Trends & Applications in Microbiology.* 4-6th Feb 2011. MGNIRSA-Hyderabad.
- **Dr. Kaiser Jamil** and Sabeena M. 2011, *“Secondary structure Prediction and Molecular Modeling of Human MKP1 /DUSP1” International Moscow Conference on Computational Molecular Biology. (MCCMB’11) July 21-24, Moscow State University-Moscow, Russia.*
- *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.*
- *Professor Kaiser Jamil (2010), “When the Going Gets Tough, (for women) the Tough Gets Going - Balancing Family, Commitment and Career Development” page-5*
- *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*
- *“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).*
- *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. (Prabhavathy Das and Kaiser Jamil)*
- *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 (Sabitha K, Kaiser Jamil, and MVV Reddy.)*
- *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.( Sabitha K, Kaiser Jamil, and MVV Reddy)*
- *Genome Analysis in the post genomic era and its relevance to society 26-28th October 2007, MGNIRSA, Hyderabad.*
- **Kaiser Jamil, et al** 2007, *Tamoxifen Metabolizing gene polymorphisms and its Clinical impact in Breast Cancer. International Clinical Oncology Congress, Hyderabad, India.*

- *EGFR Mutations to Gefitinib Response using Cheminformatics. EMSI Conference, National Institute of Nutrition, Hyderabad Feb 21- 23rd ; 2006 (Sabitha and **Kaiser Jamil**)*
- *EGFR Mutations to quinazolin inhibitors response using Cheminformatic tools.-European conference on Human Genetics, May 6-9 2006. RAI Congress Centre, Amsterdam, The Netherlands. (Sabitha and **Kaiser Jamil**)*
- *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. (Suman and **Kaiser Jamil**)*
- *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 (Suman and **Kaiser Jamil**)*
- *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**)*
- *Role of MDR-1 Gene In Breast Cancer BRECON-2006 IACI&RC MARCH 2006-05-12, HYDERABAD- (**Kaiser Jamil**)*
- *EGFR Mutation to Gefitinib Response Using Cheminformatics. EMSI 2006, Hyderabad, 23rd Feb 2006.( Sabitha.K, and. **Kaiser Jamil**)*
- *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.( Sabitha.K, and Dr. Mrs. **Kaiser Jamil**)*
- *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)*
- *LDH as a Biomarker in Head and Neck Cancers. Otolaryngology - Head and Neck Surgery, Volume 137, Issue 2, Pages P220-P22. 2006. (V. Martha, S. Kotra, and **Kaiser Jamil**)*
- *“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) ( Haranatha Reddy and **Kaiser Jamil**),,*
- *Role of GST Polymorphism in Acute lymphocytic leukemia. - All Indian Congress on Cytology and Genetics (AICCG) , Bombay october-28-30, 2005. ( Haranatha Reddy. and **Kaiser Jamil**)*
- *Frequency of chromosomal abnormalities in Acute lymphocytic leukemia. - All Indian Congress on Cytology and Genetics (AICCG) , Andhra university, Vizag December-8-10, 2005. (Haranatha Reddy and **Kaiser Jamil**)*
- *MTHFR mutations in acute lymphocytic leukemia. Conference on : Inherited Genetic disorders: organised by Institute of Genetics , Osmania University in February-2005 ( Haranatha Reddy and **Kaiser Jamil**)*
- *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. (Kalyan Kumar and **Kaiser Jamil**)*
- *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. (G. Suman and **Kaiser Jamil**)*
- *Cytotoxic Index of anticancer drugs at cellular levels : In vitro Levels : International Symposium on Human Genomics and Public Health & XXXI Annual Conference of ISHG. (Suman and **Kaiser Jamil**)*

- 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**)
- 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**)
- 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. (Siva Shanker, Abjal Pasha Shaik and **Kaiser Jamil**)
- "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. (Rambabu Naravaneni and **Kaiser Jamil**)
- "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**)
- "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 (Rambabu N. and **Kaiser Jamil**)
- Haranatha reddy and **Kaiser Jamil**- " Drug resistance in acute lymphocytic leukemia" – International symposium on biotechnology (B2B), CCMB Hyderabad, India
- Haranatha reddy and **Kaiser Jamil**.- "Role of GST Polymorphism in Acute lymphocytic leukemia." - All Indian congress on Cytology and Genetics (AICCG), Bombay, October-28-30, 2005.
- Haranatha reddy and **Kaiser Jamil**. -"Frequency of chromosomal abnormalities in Acute lymphocytic leukaemia. "- All Indian congress on Cytology and Genetics (AICCG), Andhra University, Vizag, December-8-10, 2005.
- Haranatha reddy and **Kaiser Jamil**- " MTHFR mutations in acute lymphocytic leukemia" Inherited Genetic disorders" organised by Institute of Genetics , Osmania University in February-2005
- Kalyana Kumar CH and **Kaiser Jamil**. -"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

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- ❖ **Ph.D.** Zoology, (Toxicology) 1971
  - Osmania University, Hyderabad. A.P. India
  - **Postdoctoral Research** – University of Sydney- Australia (1979-1981)
  - **CSIR-CNRS Scientist** – University of Paris –France (1983)
- ❖ **M.Sc.** Zoology (1962)
  - Osmania University, Hyderabad. A.P. India
- ❖ **B.Sc.** Botany, Zoology, Chemistry (1960)

- Women's College, Osmania University, Hyderabad.A.P.India

❖ Date of birth : 28<sup>th</sup> October 1941.

## ***PROFESSIONAL APPOINTMENTS***

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- 2009 – Continuing:**      **Dean, School of Life Sciences, and Honorary Director**  
Centre for Biotechnology and Bioinformatics  
Jawaharlal Nehru Institute of Advanced Studies  
Budha Bhawan, 6<sup>th</sup> Floor, M.G, Road  
Secunderabad-500003,A.P.  
[www.jnias.in](http://www.jnias.in)
- 2001 – Continuing:**      former-Emeritus Scientist (CSIR), and present  
**Head, Genetics Department,**  
Mahavir Hospital and Research Centre (BMMRC)  
10-1-1-, Mahavir Marg, AC Guards  
Hyderabad 500004, A.P., India
- 2006 to 2008:**              **Research Director**  
Genomics and Translational medicine  
**Indo American Cancer Institute and Research Centre**  
Banjara Hills, Hyderabad- 500034, A.P., India  
[www.iacrci.org](http://www.iacrci.org)
- 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, A.P. INDIA
- 1981 to 1999:**              **Deputy Director (Scientist-F) and Head,**  
Biology, Biotechnology and Toxicology Division,  
**CSIR-Indian Institute of Chemical Technology (IICT)**  
HYDERABAD; 500007, A.P.India
- 1971 to 1981:**              **Scientist,**  
**CSIR-Center for Cellular and Molecular Biology (CCMB),**  
Hyderabad. 500007, A.P.India
- 1962 to 1971:**              **Research Fellow (Senior and Junior)**  
**CSIR-I.I.C.T. - Hyderabad- 500007, A.P. India**

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

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*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**

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***Dr. Mrs. Kaiser Jamil**, a renowned Biotechnologist, having worked in 4 renowned Institutions like IICT then 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, Mahavir Hospital and Research Center, as HOD. She has **guided 30 PhD students and 90-100, M.Sc /M.Tech/ and graduate students for project work**, 5 students are still working under her supervision for PhD degree. She has published more than 250 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 positions, like general Secretary for (AIBA-SC). 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 Third World Organization of Women In***

**Science (TWOWS)** with its head quarters in Trieste- Italy, with a National Chapter of TWOWS for Indian women, 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"**.

WEBSITES:

[www.jnias.in](http://www.jnias.in)

[www.iacri.res.in](http://www.iacri.res.in)

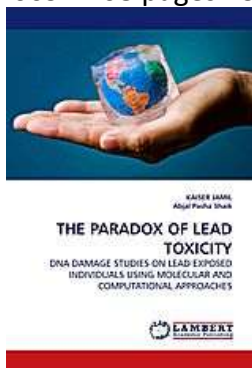
[www.getrib-bio.com](http://www.getrib-bio.com)

[www.nci-owsd.org](http://www.nci-owsd.org) / [www.owsd.net](http://www.owsd.net)

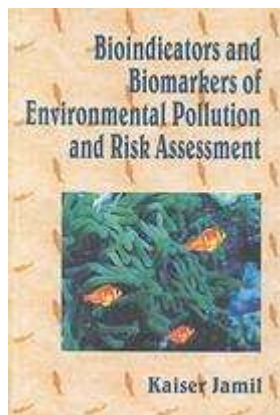
U.S. Patent Appl. No. 12/624,374  
PREDICTING POSSIBLE OUTCOMES IN  
MULTI-FACTORED DISEASES  
IVA Ref. No.: IN-000037-02-US-REG  
Foley Ref. No.: 091619-0536

### **Dr. Kaiser Jamil (Book publication as Author)**

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 .

### **Reviewer of**

Journal- **TOXICOLOGY, MECHANISMS AND METHODS ( Elsevier)**

### **Some Articles reviewed**

- 1.Assessment of the adverse effects of the acaricide Amitraz: in vitro evaluation of genotoxicity [2012].
- 2.Effect of fibrin glue on antioxidant defense mechanism, oxidative DNA damage and chromosomal aberrations [jan2013]

### **Reviewer of Hindwai Publishers**

**Oncological Reports -5-6 papers per year**

### **Reviewer of Elsevier Journals;**

ajog: American Journal of Obstetrics and Gynecology

biopha: Biomedicine & Pharmacotherapy

cg: Cancer Genetics

ejmg: European Journal of Medical Genetics

febsletters: FEBS Letters

GENE: Gene

geno: Genomics

jdc: Journal of Diabetes and Its Complications

jmgm: Journal of Molecular Graphics and Modelling

toxlet: Toxicology Letters

## Peer-reviewer acknowledgements from Dove Press Journals for Dr. Kaiser Jamil

[Biologics: Targets and Therapy \(calendar year 2013\)](#)

[International Journal of Nanomedicine \(calendar year 2011\)](#)

[Open Access Bioinformatics \(calendar year 2011\)](#)

[Breast Cancer: Targets and Therapy \(calendar year 2009\)](#)

[Breast Cancer: Targets and Therapy \(calendar year 2010\)](#)

[Cancer Management and Research \(calendar year 2010\)](#)

[International Journal of Nanomedicine \(calendar year 2010\)](#)

## Reviewer of Papers from several OMICS journals:

### Visits abroad: (also listed below)

1) 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) Recently 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, (1<sup>st</sup> to 5<sup>th</sup> 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 <sup>st</sup> Oct 2013	4 <sup>th</sup> Oct 2013	Buenos Aires, Argentina	Invited Participant in the International Conference : Organized by TWAS
2.	2 Feb. 2012	5 <sup>th</sup> Feb. 2012	Bangladesh	Presenting a Plenary lecture for the International Conference: on- WOMEN in SET; Global and Local perspective;- Dhaka
3.	14 <sup>th</sup> July 2013	18 <sup>th</sup> 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 <sup>th</sup> Sept 2012	21 <sup>st</sup> 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 <sup>th</sup> June 2010	30 <sup>th</sup> June 2010	Beijing, China	GB Meeting of TWOWS and International Conference- presenting a plenary lecture.
8	18 <sup>th</sup> April 2013	24 <sup>th</sup> 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 <sup>th</sup> June 2010	6 <sup>th</sup> 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- <b>Commonwealth Sponsorship Award</b> (London) for visiting <b>Zimbabwe</b> 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 <b>Trieste</b> .
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: <b>NSF Award</b> for visit to USA as an Expert member, for the International Conference in <b>Florida, USA</b>
19	May 1983	May 1983 (two weeks)	Tokyo- Japan	<b>Nissey Sanyo Award</b> - 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 <b>Trinidad (WI)</b>
21	1978	1979	Biochemistry Dept..Sydney University- Australia	PDF- Research in Biochemistry of Reproduction

**Appreciation letter:**

Dear Dr. Jamil,

In the past 12 months you have acted as a reviewer for our journal **ONCOLOGY RESEARCH AND TREATMENT (formerly ONKOLOGIE)**. On behalf of the editors I would like to express our sincere gratitude and appreciation for your donation of time and expertise. Your comments and criticism ensure the quality of the articles published in our journal.

We send you and your family best wishes for the turn of the year.

Sincerely,

Dr. Steffi Hentzelt

**Editorial Office ONCOLOGY RESEARCH AND TREATMENT (formerly ONKOLOGIE)**

**t +49 761 4520725**

[s.hentzelt@karger.com](mailto:s.hentzelt@karger.com)

## **DR. KAISER JAMIL – JOURNAL'S EDITORIAL BOARD MEMBER**

<b>Journal Name</b>	<b>Designation</b>
• <a href="#">International Journal of Cancer Research</a>	Regional Editor
• <a href="#">Asian Journal of Scientific Research</a>	Editor-In-Chief
• <a href="#">Asian Journal of Biotechnology</a>	Regional Editor
• <a href="#">Asian Journal of Biological Sciences</a>	Regional Editor
• <a href="#">American Journal of Biochemistry and Molecular Biology</a>	Regional Editor