

Curriculum vitae of K.K.Balasubramanian

Full Name : Kalpattu Kuppusamy Balasubramanian

Education Background:

1. M.Sc (Organic Chemistry) 1961, University of Madras
2. Ph.D., 1965, University of Madras,

Post-Doctoral Research:

1. 1965-66 Department of Organic Chemistry, University of Madras; worked in the area of molecular rearrangements with Prof.B.S.Thyagarajan
2. 1966-69. Wayne State University, Detroit, USA; worked with Prof.Calvin.L.Stevens in the area of amino and keto sugars.
3. 1970-71. Scientific Pool Officer in the Department of Chemistry, University of Madras, in the area of Heterocyclic Chemistry.

Positions Held:

2015 Jan-Present : INSA Senior Scientist, Dept. of Biotechnology, IIT Madras.

2012 December-2013 November: Advisor, R and D Shasun Pharmaceuticals Ltd., Chennai

2011 Feb- 2013 May. Visiting Professor, B.S. Abdur Rahman University,

2011 Feb -2013 Sep. Senior Research Scientist, Sri Ramachandra Medical University, Chennai; consultant , Procitus, Sanmar Chemicals, Chennai,

2011-2012 Distinguished Visiting Professor, Institute for Intensive Basic Research, Mahatma Gandhi University, Kottayam, Kerala

2011 Oct - 2011 Dec. : Consultant, Shasun Pharmaceuticals Ltd., Chennai.

2001 Oct – 2010 Sep. : Executive Director, R&D, Shasun Chemicals Ltd., Chennai - 42

2001 Jan - 2001 Sep : (On leave from IIT Madras) Executive Director, R&D, Shasun Chemicals & Drugs Ltd., Chennai – 42.

1990 – Sep 2001 : Professor, Department of Chemistry, Indian Institute of Technology, Madras, India.

1998-1990 : Associate Professor, IIT, Madras.

1980-1990 : Assistant Professor, IIT, Madras.

1971-1980 : Lecturer, IIT, Madras.

Research Interests :

Synthetic Organic Chemistry, Heterocyclic Chemistry, Carbohydrate Chemistry, Medicinal Chemistry, Electro-Organic Chemistry, Organic Photochemistry and Molecular rearrangements.

Awards, Recognitions received :

- 1. Fellow of the Indian National Science Academy.**
- 2. Fellow of the Indian Academy of Science**
- 3. Life time achievement award of Chemical Research Society, India (CRSI) for the year 2012 for Chemistry**
- 4. Life time achievement award of Chennai Chemical \Conference India (for the year 2012 for Chemistry**
- 5. Guest Scientist at National Institute of Standards and Technology, Gaithersburg, Maryland, USA 1993 Dec – 1994 Dec (on sabbatical leave)**
- 6. Recipient of Alexander von Humboldt Foundation Senior Fellowship for 2 years.**
Humboldt Fellow at the Institute for Organic Chemistry, Technical University, Braunschweig, Germany from June 1977 to December 1978 and at the Institute for Organic Chemistry, Karlsruhe, Germany from September 1984 to February 1985.
- 7. Visiting Professor, University of Nancy, France from March to August 1984.**
- 8. INSA-UK Exchange visiting Scientist to UK in October 1986.**
- 9. Recipient of Prof.T.R.Govindachari Award for research work in Organic Chemistry for the years 1984-1986.**
- 10. Recipient of Humboldt Foundation's special re-invitation. – Visited several universities in Germany, France, Netherlands and Switzerland under this programme and delivered lecture – May 15th to August 14th 1997.**
- 11. Delivered the 5th Dr.Sukh Dev Endowment lecture at NCL, Pune Oct 7, 1997.**

12 .Delivered the Dr.R.C.Shah memorial lecture at University of Bombay

Oct 9,1997.

13. Delivered the 8th Prof.N.Venkatasubramanian endowment lecture at Vivekananda College, Mylapore, Chennai.

14. INSA – JSPS Exchange Visiting Scientist to Japan 1999 February

15.Deliver Prof K.Venkataraman 60th year Endowment Lecture (Jan.2013)for the year 2012 in Institute of Chemical Technology, Mumbai (formerly known as UDCT)

16.Delivered Prof K.Venkataraman 75th year Endowment Lecture at National Chemical Laboratory, Pune inMay 2013

.17. was a Member of the Board of Directors of Alpha Amines P.Ltd., Chennai.

18 . Was a member of the project advisory committee of the department of science and technology, (DST) of the organic chemistry division from 2001 to 2006

19 Served as a selection committee member in Anna Univ., Madras Univ., IITS, Central Univs., CSIR Insitituions etc.

Industry related assignments:

1. 1995 to 1998 -Consultant for Anjan Drugs.
2. 1995 to Sep.2001Consultant to Messers Shasun Chemicals and Drugs Ltd., Chennai.
3. 2001 Oct – 2010 Sep . : Executive Director, R&D, Shasun Chemicals Ltd., Chennai – 42
4. Advisor, ProCitius Research Sanmor Speciality Chemicals, .Chennai. From Sep..2011 to Feb 2011 -2011 Dec.
5. 2011 Oct -2011 Dec. : Consultant, Shasun Pharmaceuticals Ltd., Chennai
6. 2012 Dec – 2013 Nov.: Advisor, R and D Shasun Pharmaceuticals Ltd., Chennai7.
7. Research Advisor, Anjan Drugs Pvt. Ltd., Chennai.

Number of Research Papers Published : 158

Number of Students Guided for Ph.D degree: 35

Number of scholars working for PhD degree: 4