






Dr. SARAVANAN KUPPUSAMY (Ph. D) #102, Sai Srinivasa Hills, Near Chennamana Kere Tel. exc., Banashankari III stage, Kathriguppe East, Bangalore-560085		 KSaravanan_12@outlook.com  +91 9945208404  Bangalore  saravanankuppusamy
A Ph.D. Organic scientist having 16+ years of strong industrial experience in Syngene Int. Ltd. with proven record of managing various collaborations for international clients in the area of Organic synthesis, both in FTE and FFS mode.		
EDUCATION <ul style="list-style-type: none">• Ph. D in Organic Chemistry (CSIR Fellowship) National Chemical Laboratory, Pune. 1993 – 1998• Research Associate, NCL, Pune 1998 – 1999• M. Sc General Chemistry University of Madras, Islamiah College, TN 1989-1991	WORK EXPERIENCE <ul style="list-style-type: none">• Current: Lead Investigator (2005 - 2022) Syngene International Limited, Bangalore.• Postdoctoral Research Associate (2002 – 2005) NICR, Univ. of Newcastle upon Tyne, UK• Postdoctoral Research Associate (2001 – 2002) University of Saskatchewan, Saskatoon, Canada.• AvH Postdoc Fellowship (1999 – 2001) University of Tübingen, Germany	
PROFESSIONAL HIGHLIGHTS Scientific and Leadership Skills <ul style="list-style-type: none">○ Leading a team of 20-30 FTEs in Bangalore and Hyderabad units.○ Long years of project leadership experience in both FTE and FFS projects for various collaborations.○ Ensuring “The value addition” to the projects by providing scientific/technical improvements to both coordinating departments and clients for smooth execution of projects.○ Managed operations of team involved in synthesis (mg to Kg level) of building blocks, scaffolds, reference compounds, focus library, Carbohydrates, Lipids, Agro, and potential drug candidates.○ Sustaining high productivity in Client’s projects in spite of drastic increase in synthetic complexity and scale.○ Regularly maintaining productivity metrics of ongoing research programs as well of individual FTEs.○ Design and modification of synthetic route towards the target compounds.○ Close communication with the clients with regular updates and participating in Teleconferences.○ Responsible for project timeline and deliverables○ Providing scientific and technical inputs to team members to reduce TAT of synthesis.○ Troubleshooting and having alternate routes whenever there are issues during the synthesis of target compounds.○ Weekly discussion with Section Head to track the project timelines○ Excellent communication with the Clients		

- Proper assignment and utilization of manpower based on project requirement and their identified potentials.

• Operational Skills

- Expertise in quote preparation, costing, reviewing proposals and follow-ups BD for faster TAT of each proposal.
- Involved in recruitment process and assisted HR for recruiting chemists and scientists
- Training/mentoring people up to Group leader level in the field of collaborative research programs.
- Constant touch with procurement team for quick TAT for the key raw materials.
- Initiate the shipment process and follow it up with the logistic team until the targets are delivered to Client in-time.
- Part of Lab safety Manager, conduct Gemba walk and record the observations.
- Cost saving by modified synthetic routes which involves cheaper raw materials.
- Involved in compound Management activities.

SELECTED PUBLICATIONS

1. Isoindolinone based inhibitors of the MDM2-p53 protein-protein interaction.
Ian R. Hardcastle, Shafiq U. Ahmed, Helen Atkins, Gillian Farnie, Roger J. Griffin, Bernard T. Golding, Sabrina Guyenne, Claire Hutton, Per Källblad, Stuart J. Kemp, David R. Newell, S. Norbedo, Julian S. Northen, Rebecca J. Reid, **K. Saravanan**, Henriëtte M.G. Willems, John Lunec. *Bioorg. Med. Chem. Lett.* **2005**, 15, 1515-1520.
2. Small-Molecule Inhibitors of the MDM2-p53 Protein-Protein Interaction Based on an Isoindolinone Scaffold.
Hardcastle, Ian R.; Ahmed, Shafiq U.; Atkins, Helen; Farnie, Gillian; Golding, Bernard T.; Griffin, Roger J.; Guyenne, Sabrina; Hutton, Claire; Kaellblad, Per; Kemp, Stuart J.; Kitching, Martin S.; Newell, David R.; Norbedo, Stefano; Northen, Julian S.; Reid, Rebecca J.; **Saravanan, K.**; Willems, Henrieette M. G.; Lunec, John. *Journal of Medicinal Chemistry* **2006**, 49(21), 6209-6221.
3. Asymmetric Synthesis of Hexapropionate Synthons by Sequential Enantiotopic Group Selective Enolization of Meso Diketones. D. E. Ward, H. M. Gillis, O. T. Akinnusi, M. A. Rasheed, **K. Saravanan**, and P. K. Sasmal. *Organic Letters* **2006**, 8, 2631-2634
4. Preclinical evaluation of a novel pyrimidopyrimidine for the prevention of nucleoside and nucleobase reversal of antifolate cytotoxicity.
Huw D. Thomas, **Kappusamy Saravanan**, Lan-Zhen Wang, Mei-Ju Lin, Julian S. Northen, Hannah Barlow, Marion Barton, David R. Newell, Roger J. Griffin, Bernard T. Golding, and Nicola J. Curtin. *Molecular Cancer Therapeutics* **2009**, 8, 1828-1837.
5. Nucleoside Transport Inhibitors: Structure-Activity Relationships for Pyrimido[5,4-d]pyrimidine Derivatives That Potentiate Pemetrexed Cytotoxicity in the Presence of α 1-Acid Glycoprotein.
Saravanan, Kappusamy; Barlow, Hannah C.; Barton, Marion; Calvert, A. Hilary; Golding, Bernard T.; Newell, David R.; Northen, Julian S.; Curtin, Nicola J.; Thomas, Huw D.; Griffin, Roger J. *Journal of Medicinal Chemistry* **2011**, 54(6), 1847-1859.
6. 1-Substituted (Dibenzo[b,d]thiophen-4-yl)-2-morpholino-4H-chromen-4-ones Endowed with Dual DNA-PK/PI3-K Inhibitory Activity.
Céline Cano, **Kappusamy Saravanan**, Chris Bailey, Julia Bardos, Nicola J. Curtin, Mark Frigerio, Bernard T. Golding, Ian R. Hardcastle, Marc G. Hummersone, Keith A. Menear, David R. Newell, Caroline J. Richardson, K. Shea, Graeme C. M. Smith, Pia Thommes, Attila Ting, and Roger J. Griffin. *Journal of Medicinal Chemistry*, **2013**, 56, 6386-6401.

PATENTS

1. **Preparation of dibenzothiophene derivatives as DNA-PK inhibitors.**

Smith, Graeme Cameron Murray; Martin, Niall Morrison Barr; Hummersone, Marc Geoffrey; Menear, Keith Allan; Cockcroft, Xiao-Ling Fan; Frigerio, Mark; Griffin, Roger John; Golding, Bernard Thomas; Hardcastle, Ian Robert; Newell, David Richard; Calvert, Hilary Alan; Curtin, Nicola Jane; **Saravanan, Kappusamy**; Desage-El Murr, Marine. WO2006109081

2. **Preparation of 8-(dibenzothiophen-4-yl)chromen-4-ones as DNA-PK inhibitors.**

Smith, Greame Cameron Murray; Martin, Niall Morrison Barr; Menear, Keith Allan; Hummersone, Marc Geoffrey; Rigoreau, Laurent Jean Martin; Griffin, Roger John; Golding, Bernard Thomas; Newell, David Richard; Calvert, Hilary Alan; Curtin, Nicola Jane; Hardcastle, Ian Robert; **Saravanan, Kappusamy**. WO2006032869 A1

3. **Novel Lipids**

Mcchesney, James; Bouchard, Annie; **Kappusamy, Saravanan**, Augustine, John Kallikat; Levy, Daniel Emil. US20190389888.

References:

Dr. Manickam Govindaswamy

Research Director, Discovery Chemistry
Syngene International Ltd
Plot No.2 & 3, Bommasandra IV Phase,
Jigani Link Road, Bangalore,
India - 560 099
Email: Manickam.Govindaswamy@syngeneintl.com
Mobile: 9845433077
Work: 08068913267

Dr. Sathya Shanker

Research Director, Discovery Chemistry
Syngene International Ltd
Plot No.2 & 3, Bommasandra IV Phase,
Jigani Link Road, Bangalore,
India - 560 099
Email: Sathya.Shanker@syngeneintl.com
Mobile: 98454 50453
Work: 08068913107

Dr. Ganesh Babu

Associate Research Director,
Discovery Chemistry
Syngene International Ltd
Plot No.2 & 3, Bommasandra IV Phase,
Jigani Link Road, Bangalore,
India - 560 099
Email: Ganesh.Babu@syngeneintl.com
Mobile: 99449 65431
Work: 08068913296