

Staff Profile Format:

Name	Dr. K. Sundara Saravanan																								
Qualification	<ul style="list-style-type: none"> • Ph. D (2011-2017): Rajiv Gandhi University of Health Sciences, Karnataka, Bangalore, India • M. Pharm (2004-2006): Madurai Medical College, Madurai; The Tamil Nadu Dr. MGR Medical University, Chennai, Tamil Nadu • B. Pharm (1997-2001): K. M. College of Pharmacy, Madurai; The Tamil Nadu Dr. MGR Medical University, Chennai, Tamil Nadu 																								
Awards	Nil																								
Experience	<table border="1"> <thead> <tr> <th>Organization</th> <th>Department</th> <th>Designation</th> <th>Period</th> <th>No. of Years</th> </tr> </thead> <tbody> <tr> <td>M. S. Ramaiah University of Applied Sciences, Bangalore</td> <td>Department of Pharmacognosy</td> <td>Assistant Professor</td> <td>From 01-Aug-2014</td> <td>Till date</td> </tr> <tr> <td>M. S. Ramaiah College of Pharmacy, Bangalore</td> <td>Department of Pharmacognosy</td> <td>Lecturer</td> <td>22-Sep-2008 to 31-Jul-2014</td> <td>5 years 10 months</td> </tr> <tr> <td>Apotex Research Private Limited, Bangalore</td> <td>Bio-Equivalence Centre</td> <td>Custodian</td> <td>31-Aug-2006 to 04-Jul-2008</td> <td>2 years</td> </tr> </tbody> </table>					Organization	Department	Designation	Period	No. of Years	M. S. Ramaiah University of Applied Sciences, Bangalore	Department of Pharmacognosy	Assistant Professor	From 01-Aug-2014	Till date	M. S. Ramaiah College of Pharmacy, Bangalore	Department of Pharmacognosy	Lecturer	22-Sep-2008 to 31-Jul-2014	5 years 10 months	Apotex Research Private Limited, Bangalore	Bio-Equivalence Centre	Custodian	31-Aug-2006 to 04-Jul-2008	2 years
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Research	<ul style="list-style-type: none"> • Interest: DNA barcoding & RAPD analysis of plants; Computational biology • Expertise: Pharmacognostical and phytochemical evaluation & standardization of herbal drugs and formulations; HPTLC analysis; Pharmacological evaluation • Grants: Nil 																								
Publications (Detailed list of Publications)	<p>Ph.D. Dissertation: Pharmacognostical, phytochemical and pharmacological activity studies on some botanical sources of the Ayurvedic drug, Murva</p> <p>National Conference Papers: Nil</p> <p>International Conference Papers: 03</p> <ul style="list-style-type: none"> • Poster presentation on “Antidiabetic activity of <i>Bauhinia vahlii</i> Wt. and Arn. (Caesalpiniaceae), root – a botanical source for the Ayurveda drug Murva” at 3rd international conference, Innopharm3 held in Goa, India during 22-23rd October 2018 • Poster presentation on “Hepatoprotective activity of ethanol and aqueous extract of <i>Maerua oblongifolia</i> (Forsk.) A. Rich. (Capparaceae) root - a botanical source for Ayurveda drug, Murva” at 8th Asian Association of Schools of Pharmacy (AASP) Conference held at JSS University, Mysuru during 27-29 October 2017 • Oral presentation on “Exploration of hepatoprotective activity of <i>Bauhinia vahlii</i> Wt. & Arn. root – a botanical source for Ayurveda drug, Murva” at 7th World Ayurveda Congress & Arogya Expo, Kolkata, December 1- 4, 2016. 																								

National Journal Papers: 06

- ❖ **Kamatchi Sundara Saravanan**, Varadharajan Madhavan. Antidiabetic activity of *Bauhinia vahlii* Wt. and Arn. (Caesalpiniaceae), root – a botanical source for the Ayurveda drug Murva. Asian J Pharm Clin Res. 2019; 12(4): 359-362.
- ❖ **Kamatchi Sundara Saravanan** and Varadharajan Madhavan. Anticonvulsant activity of ethanol and aqueous extract of *Maerua oblongifolia* (Forsk.) A. Rich. root in albino mice in albino mice. IJPR. 2016; 8(1): 46-49.
- ❖ **Sundara Saravanan K** and Madhavan V. Hepatoprotective activity of ethanol and aqueous extract of *Sansevieria roxburghiana* Schult. & Schult. f. (Agavaceae) rhizome on carbon tetrachloride induced hepatotoxicity in rats. IJPR. 2015; 7(3): 56-61.
- ❖ Kalyan S Betanabhatla, Christina AJM, Syama Sundar B, Selvakumar S and **Sundara Saravanan K**. Antilithiatic activity of *Hibiscus sabadariffa* Linn. on ethylene glycol induced lithiasis in rats. Natural Product Radiance. 2009; 8(1): 43-47.
- ❖ K Periyannayagam, **K Sundara Saravanan** and M Ismail. Dechitinising property of *Caesalpinia bonduc* (Linn.) Roxb. against *Culex quinquefasciatus*. Natural Product Radiance. 2007; 6 (July-August): 290-292.
- ❖ **Saravanan KS**, Periyannayagam K and Ismail M. Mosquito larvicidal properties of various extract of leaves and fixed oil from the seeds of *Caesalpinia bonduc* (L.) Roxb. J Commun Dis. 2007; 39(3): 153-157.

International Journal Papers: 06

- ❖ **Sundara Saravanan K**, Madhavan V and Yoganarasimhan SN. Pharmacognostical studies on the roots of *Bauhinia vahlii* Wt. & Arn. – A botanical source for the ayurveda drug Murva. Spatula DD. 2015; 5(2): 103-111.
- ❖ **Sundara Saravanan K**, Madhavan V and Yoganarasimhan SN. Pharmacognostical studies on the rhizome of *Sansevieria roxburghiana* Schult. & Schult. f. – a botanical source for Murva - an Ayurveda drug – Spatula DD. 2015; 5(3):161-169.
- ❖ Saraswathy GR, Maheswari E, **Sundara Saravanan K** and Raju A. Anti-tussive activity of *Oldenlandia umbellata* on cough reflex induced by sulfur dioxide in mice. Pharmacologyonline. 2008; 3: 257-262.
- ❖ **K Sundara Saravanan**, G R Saraswathy, K Periyannayagam, M Ismail, Kalyan S Betanabhatla and Jagan Athimoolam. *In vitro* antifilarial activity of *Caesalpinia bonduc* (L.) Roxb. against microfilariae of *Wuchereria bancrofti* and macrofilariae of *Setaria digitata*. Pharmacologyonline. 2008; 2: 550-559.
- ❖ **Sundara Saravanan K**, Periyannayagam, Kalyan S Betanabhatla, Jagan Athimoolam and Saraswathy G R. Anthelmintic activity of various extracts of leaf and fixed oil from the seeds of *Caesalpinia bonduc* (L.) Roxb. Pharmacologyonline. 2008; (1): 82-89.
- ❖ Jayashankar L, Syama Sundar B, Vijayaraghavan R, Kalyan S Betanabhatla, Christina AJM, Jagan Athimoolam and **Sundara Saravanan K**. Evaluation of photodynamic activity of metalloporphyrins on human neuroblastoma cell line. Pharmacologyonline. 2008; 1: 66-77.

	<ul style="list-style-type: none"> • Book Authored: Nil • Book Edited: Nil • Chapters in Books: Nil • Patents: Nil • Magazine Articles: Nil
Presentations (Detailed list of Presentations)	Invited Lectures: Nil Conferences (Invited): Nil Conferences (Organized): <ul style="list-style-type: none"> • Member of organizing committee of 1st Pharmaceutical Sciences Congress on 18 & 19/03/2017 by Indian Association of Colleges of Pharmacy at M. S. Ramaiah University of Applied Sciences, Bangalore
Teaching	Modules Taught: <ul style="list-style-type: none"> • Pharmacognosy & Phytochemistry • Pharmaceutical Biotechnology • Advanced Pharmacognosy • Indian systems of medicines • Industrial Pharmacognosy • Herbal drug technology UG Thesis Advised: <ul style="list-style-type: none"> • Group Project: Physico-chemical and chromatographic studies on various powdered market samples of Pepper, <i>Piper nigrum</i> L. (Piperaceae) PG Thesis Advised: <ul style="list-style-type: none"> • Group Project: Molecular Docking Studies of selected phytoconstituents with potential anticancer property against specific cancer targets PhD Dissertation Advised: Nil Professional Memberships: <ul style="list-style-type: none"> • Life member of Tamil Nadu Pharmacy Council (6185A1) • Life member of Association of Pharmaceutical Teachers of India (KA/LM-1041)
Achievements	<ul style="list-style-type: none"> • Qualified GATE 2001 with 93.06 percentile • Mentored students for RUAS innovation challenge 2019 and won third prize