

Dr. SUBHAS S. KARKI

M Pharm Ph. D (Pharmacy)

Professor

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Patent filed/published/awarded

1. **Filed for** U.S. Patent Application No., 17/964,110 dated **10/12/2022** and **published** on 13/04/2023 publication No US 2023/0115335 A1 entitled “PYRAZOLE DERIVATIVES WITH ANTICANCER ACTIVITY. Reanto J. Aguilera, **Subhas S Karki**, Manuel L. Pinchet, Sujeet Kumar.
2. **Indian Patent Awarded No. 316878** (26th July 2019)
Title: Compounds as Inhibitors of DNA Double Strand Break Repair, Methods & Applications Thereof”
3. **US patent awarded No. US 9,969,696B2** (15th May 2018)
Title: Compounds as Inhibitors of DNA Double Strand Break Repair, Methods & Applications Thereof”
4. **Indian Patent Awarded No. 386398 (11-01-2022)**
Title: “Novel Inhibitors of Antiapoptotic BCL-2 Protein”

Achievements

1. **Award** for outstanding research publication (AORP) from VGST, DST, Govt. of Karnataka-2024
2. First rank to Karnataka University, Dharwad during M Pharm.
3. Awarded **Boyscast Fellowship for 200 6-07 from Dept. of Science & Technology**, New Delhi [Ref. NO.SR/BY/L-25/06].
4. Certificate of Merit awarded by KLE University, Belagavi on account of 98 KLE Foundation day on November 13, 2013.
5. STAARS Award in Pharmaceutical Sciences from American Association of Government College of Pharmacy (Bengaluru) Alumni, New York, US on 13 December 2013.
6. Best Teacher-KLE University, Belagavi, 5th September, 2014.
7. Best Scientist-KLE University, Belagavi, 2015
8. Visiting faculty under DST BOYSCAST Fellowship for 12 months at College of Pharmacy & Nutrition, University of Saskatchewan, Saskatoon, Canada. (March 2007- February 2008)

Membership of Professional Bodies

1. Life Member- Association of Pharmaceutical Teachers of India (APTI)
2. Registered Member, Karnataka State Pharmacy Council, Bangalore.
3. RSC-London Affiliate member (July 2025 to June 2026)

Grants completed: Rupees 1,18,84,480=00

Name of the Project	Cost in Rupees	Issuing authority and Ref. number
Synthesis, characterization and In-vivo, In-vitro antineoplastic activities of novel ruthenium complexes (PI)	6,60,000=00 Six lakh sixty thousand only	Dept. Science and Technology, (DST) New Delhi, India. Ref. NO.SR/FT/L-66/2005
Microwave assisted synthesis of Nitrogen & Sulfur containing heterocyclic compounds for pharmacological activity. (Co investigator)	50,000=00 Fifty thousand only	United Grant Commission- Bangalore Ref. MRP(S)-412/2006 (Xplan) /KABA023/UGC-SWRO
Design, Synthesis and QSAR studies of some heterocyclic compounds for their Anti-HIV and Cytotoxic activity	17,21,000=00 Seventeen Lakh twenty thousand only	AICTE, New Delhi under Research Promotion Scheme. Ref.8023/BOR/RID/RPS- 169/2008-09 Dtd 12-03-09
Design & Synthesis of 3-Aryl Coumarin Derivatives as HSP-90 Inhibitors	40,000=00 Forty thousand only	AAGCPA-New York
Design, Synthesis and Characterization of Silymarin Derivatives as Antioxidant & Anticancer Agents	20,00,000=00 Twenty lakhs only	VGST-Karnataka State Government (2014-2016)
Travel Grant from DST, New Delhi Conference on Resveratrol & Health @ University of Leicester, Leicester, UK from 05/12/2012 to 07/12/2012	85,000=00	Dept. Science and Technology, (DST) New Delhi, India. Ref. NO.SR/ITS/4015/2012-2013
National Workshop on Basics and Advanced NMR spectroscopy & Mass Spectroscopy	\$ 500	Bruker Biospin, Switzerland, 2018
UBA6-p53 Axis: A novel therapeutic target in wild-type p53-deficient cancers (Co investigator)	72,84,480=00	ANRF/ARG/2025/001676/LS NEW DELHI

EDUCATION AND RESEARCH TRAINING:

- ◆ **2007-2008, Boyscast fellowship at College of Pharmacy & Nutrition, University of Saskatchewan, Saskatoon, Canada.**
- ◆ **2001-2003, Doctoral studies at Division of Pharmaceutical Chemistry, Dept. of Pharmaceutical Tech. Jadavpur University, Kolkata, (India). “Application of Computer Aided Drug Design in the Development of some Ruthenium derivatives as Antineoplastic Agents” under the joint supervision of Dr. U K. Mazumder, Professor of Chemistry, and Dr. (Mrs.) Malaya Gupta, Professor of Pharmacology.**
- ◆ **1994-1996, M.Pharm, Pharmaceutical Chemistry (1st Rank). “Synthesis of Acetazolamide Derivatives for Pharmacological Screening” under the guidance of Dr. A K. Gadad, Professor, K.L.E.S’s College of Pharmacy, Belgaum with Karnataka University, Dharwad, (India).**
- ◆ **1990-1994, B. Pharm, K.L.E.S’s College of Pharmacy, Belgaum with Karnataka University, Dharwad, (India).**

Professional Experience: 1996 – present

Sl No	Position	Organisation	Period	Remarks
1	Professor	KLE College of Pharmacy, Bengaluru	July 2005 to till date	
2	Principal & Professor		May 2018 to October 2019	1.5 years
3	Vice principal & Professor		August 2016 to April 2018	1.5 years
4	Associate professor		Jan 2005 to June 2005	0.5 year
5	Visiting Scholar	University of Saskatchewan, CANADA	March 2007 to Feb 2008	1.0 year
6	Selection Grade Lecturer	KLE College of Pharmacy, Bengaluru	September 2002 to Dec 2004	2.3 years
7	Research Scholar	Jadavpur University, KOLKATA	Feb 2001 to July 2003	2.5 years
8	Lecturer	KLE College of Pharmacy, Bengaluru	March 1996 to Jan 2001	4.8 years

M. Pharm., Projects Guided-27 Ongoing-01

Year	Student Name	Title of the dissertation
2006-07 (02)	Vivek Rana	Synthesis and Pharmacological Evaluation of Some 2,5,6-trisubstituted Imidazo[2,1-b][1,3,4]thiadiazoles.
	Vivek Singh Bhadauria	Synthesis and Pharmacological Evaluation of Some Schiff and Mannich Bases.
2007-08 (03)	Sujeet Kumar	Synthesis and Evaluation of Anticonvulsant and Analgesic Activity of Some New Indole Derivatives.
	Udaykumar RB	Synthesis, Characterization and Antibacterial Activity of few Nitrogen and Sulfur Containing Heterocyclic Compounds.
	Shobhit Shrivatsava	Synthesis and Characterization of Some Novel Mononuclear Ru(II) Complexes.
2008-09 (02)	Amit Saxena	Synthesis and Evaluation of Antimicrobial Activity of Some New Indole Derivatives.
	Arpit Khatiyar	Synthesis, Characterization & In-vitro DNA binding studies of Some Ruthenium Compounds.
2009-10 (02)	Sharad Dhepe	Microwave Assisted Synthesis of Condensed Bridgehead Nitrogen Heterocyclic Compounds for Antimicrobial Activity.
	Dinesh B. Sarur	Synthesis and Antimicrobial Activity of Some Indole Derivatives.
2010-11 (03)	Ramjith US	Synthesis and Anti-inflammatory Evaluation of some Imidazo[2,1-b][1,3,4]thiadiazole Derivatives.
	Sarfaraj Ahmed	Integrated Ligand and Structure Based Studies of Cysteine Protease Inhibitors of <i>Plasmodium Falciparum</i> .
	Mitul Prajapathi	Synthesis and Antimicrobial Activity of Novel 4-thiazolidinone Derivatives.
2011-12 (05)	Vishnu Shravanthi	Application of Computer Aided Drug Design in the Development of Some Nitrogen Containing Heterocyclic Compounds as Antineoplastic Agents
	Alok Kumar Gupta	Synthesis & Cytotoxic Activity of Condensed Bridgehead Nitrogen Heterocyclic Compounds
	Reshma Bommavaram	Synthesis, Antimicrobial Activity & QSAR Studies of Some Substituted Pyridine Derivatives
	Sarala Prafulla. K	Synthesis & Anticancer Activity of Some Imidazothiadiazoles
	Shweta Tiwari	Synthesis of Some Derivatives of Piperidone as Cytotoxic Agents
2012-13 (01)	Hana Afreen Sarkar	Synthesis & Antioxidant activity of Ebselen derivatives
2013-14 (01)	Devisha T.	Design & Synthesis of 3-aryl coumarin derivatives as Heat Shock Protein Inhibitors
2014-15 (01)	Satyaprakash K	Synthesis and Characterization of Some Coumarin Derivatives as Heat Shock Protein Inhibitors
2015-16 (02)	Prabin Choudhary	Synthesis and Anti-tubercular Activity of Imidazo[2,1-b][1,3,4]thiadiazole Derivatives
	Irshad Ansari	Synthesis of bridge head nitrogen heterocyclic compounds as anticancer agents
2020-21	Likitha V	Synthesis of mercapto pyrimidines as Lig IV inhibitors
2021-22	Soumya DS	Synthesis of 4-piperidone linked triazoles as cytotoxic agents

2022-23	Aishwarya S	Development of novel nitrogen containing heterocycles as ku70/80 inhibitors
2023-24	Sravani PV	Synthesis of N-Heterocyclic derivatives as potential USP -7 inhibitors
2024-25	Arnav Kumar	Synthesis of Boron-tethered Curcumin Analogues as Cytotoxic Agents
2025-26	Subhayan Das Pal	Synthesis characterization and in vitro studies of thiazolidindione derivatives as anti-diabetic agents

Ph D Thesis Guided-12/undergoing-02

Name of the student	Title of the dissertation	University	Awarded/ Ongoing
Vinodh Kumar Mannur	Design & Evaluation of Fast Dissolving Tablets of H1 Receptor Antagonist.	VMU-Salem	Awarded
Shrikant Thota	Synthesis & Characterization & In-vitro Cytotoxic activity of Some Mononuclear Ru(II) Complexes	JNTU-Hyderabad	Awarded 2011
Santosh R. Bhutle	Synthesis & Biological Activities of Some Potential Stilbenes.	VMU-Salem	Awarded
Vivek Singh Bhadauria	Synthesis & Pharmacological Activity of Some Oxindole Derivatives	Siksha-O-Anusandan Bhubaneshwar	Awarded 2017
Amol Kulkarni	Synthesis & Antimicrobial Activity of Some Nitrogen & Sulfur Containing Heterocyclic Compounds	VMU-Salem	Awarded
Rahul Hazare	Synthesis & Characterization of 2-Indolinones as Anticancer & Antiviral Agents.	VMU-Salem	Awarded 2011
Sujeet Kumar	Synthesis, Characterisation & Pharmacological Evaluation of some Nitrogen, Oxygen and Sulfur containing heterocyclic compounds	JNTU-Hyderabad	Awarded 2017
Arpit Katiyar	Synthesis, Characterization, Cytotoxic & Anticancer Activity of Some Nitrogen & Sulfur Containing Heterocyclic Compounds	Singhania University	Awarded
Arnika Das	Synthesis of Triazole Derivatives as anti-cancer agents	KLE University	Awarded May 2023
Chudamani	Synthesis of Levamisole Derivatives for Cytotoxic & Anti cancer Activity	KLE University	Awarded July 2022
Dimple Pirgal	Synthesis and Evaluation of Resveratrol Derivatives as Anticancer Agents	KLE University	Awarded Oct-2025

Vijayalaxmi S	Synthesis of curcumin analogues for their anticancer activity-an in vitro study	KLE University	Awarded Jan 2026
Ashok Madarakhandi	Design and Synthesis of Indole linked 1,2,3-Triazoles as GSK-3 β Inhibitor.	KLE University	Ongoing
Sneha Wali	Design, Synthesis and Evaluation of Nitrogen & Sulfur Containing Heterocyclic Compounds as Potential Anti-diabetic Agents: An Experimental Approach	KLE University	Ongoing
Arnav Kumar		KLE University	Ongoing

Presentation of Papers at Conferences / Seminars:

International

Poster presented on "Synthesis, biological evaluation of coumarin analogue 5-thiocyanato-3-(2-substitutedimidazo[2,1-b]-1,3,4-thiadiazol-6-yl)-2H-chromen-2-one, (SP11) revealed antitumorigenic effect on leukemic cells in vitro and reduction of tumour in mouse DLA model without apparent toxicity" Subhas S. Karki, Snehal Nirgude, Sujeet Kumar, Febina Ravindran, Shivangi Sharma, Raghunandan Mahadeva, Anisha Mhatre, Bibha Choudhary. International Conference on Drug Discovery” BITS Pilani, KK Birla Goa Campus, Nov 10-11, 2022.

Poster presented on "Synthesis of stilbene-based resveratrol analogs as antimetabolic agents" Subhas S. Karki, Elizabeth Thomas, Sathees C. Raghavan, Suresh Singh Rajput, Sujeet Kumar, Nishith Teraiya, *Resveratrol 2012 2nd International conference*, University of Leicester, Leicester, UK, Dec 5-7, 2012.

“2nd International conference on Heterocyclic Chemistry” held at Dept. of Chemistry, University of Rajasthan, Jaipur, India, 16-19, December 2006.

AS A RESOURCE PERSON

- Delivered a talk on “*Role of FTIR in Drug Design*” at a national Conference organized by IPS College of Pharmacy, Gwalior, Madhya Pradesh on **31-03-2010**.
- Delivered a lecture on “*Drug Design & Development*” at AICTE-sponsored Staff Development Programme organized by Acharya & BM Reddy College of Pharmacy, Bangalore on **29-07-2010**.
- Appointed as guest faculty by BITS, Pilani for off campus program at Strides Arcolab, Limited (Course: MS Pharmaceutical Operations & Management)

- Delivered lecture on “*Hallmarks of Cancer-The Next Generation*” at AICTE-sponsored National Seminar organized by Academy of Pharmaceutical Sciences, Periyaram Medical College PO, Kannur, Kerala on **28-11-2013**.
- Delivered a lecture on “Drug Design” at Vasavi Institute of Pharmaceutical Sciences, Kadapa, on **25/11/2014**.
- Delivered a talk on “Cancer, Targets & Design of BCL2 inhibitors” at a National Seminar on the Topic “Recent Trends in Pharmaceutical Chemistry for Drug Discovery” from **13-14th February 2015**, at HS Kothambri Science Institute, Hubli, Karnataka, INDIA.
- Delivered a lecture on “Interpretation of Compounds by Spectroscopy-A Practical Approach” at AICTE-sponsored Staff Development Programme organized by Nandha College of Pharmacy, Erode on **08-November-2019**.
- Scientific reviewer for the oral presentations at the “Conference on Drug Design & Discovery Technologies (CDDT-2019) on **22nd November, 2019 @ Ramaiah University of Applied Sciences, Bengaluru, INDIA**.
- Delivered a series of lectures on “Bridge the Gap” “Drug Design: A Modern perspective” and “Interpretation of Compounds by Spectroscopy-A Practical Approach” at BVV Sangha's Hanagal Shri Kumareshwar College of Pharmacy on **02-March-2021**.
- Delivered a talk on “The Design of Disarib and SCR7” at Annasaheb Dange College of B. Pharmacy, Ashta in association with Appasaheb Birnale College of Pharmacy, Sangli national level conference on "Recent Advances in Drug Design" on **5th February, 2024**.
- Delivered a talk on “The Design of Disarib” at Karnataka College of Pharmacy, Bengaluru, a seminar on “Current strategy and overview of research in Drug Discovery” on **August 9th, 2024**.
- Delivered a talk on “Interpretation of compounds by NMR spectroscopy method” at NITTE College of Pharmaceutical Sciences-Bengaluru on **4/5th March, 2025**.

List of Significant Publications

PUBLISHED PAPERS/ACCEPTED [(100+3) National: 23 & International: 77 Communicated-03]

1999

1. Synthesis and biological evaluation of 5-Formyl-6-arylimidazo-(2,1-b)-1,3,4-thiadiazole-2N-(dimethylaminomethino)-sulfonamides as Antitumor Agents. AK. Gadad, SS. Karki, VG. Rajurkar and BA. Bhongade. *Arzneim.-Forsch./Drug Res.* 49(II), 10, 858-863 (1999).

2003

2. Synthesis, antitumor and antibacterial activity of some Ru(bpy)₂²⁺/4-substituted thiosemicarbazide complexes. UK. Mazumder, M. Gupta, A Bera, S. Bhattacharya, SS. Karki, L. Manikandan and S. Patra. *Ind. J. of Chem.* 42A. 313-317 (2003). (IF: 0.534)
3. Evaluation of anti-inflammatory activity of chloroform extract of Bryonia laciniosa in experimental animal models. M. Gupta, UK. Mazumder, T.

- Sivakumar, MLM. Vamsi, SS. Karki, R. Sambathkumar, L. Manikandan. [Biol. Pharm. Bull.](#) 26(9), 1342-1344 (2003). (IF:1.281)
4. Antioxidant status and anti-inflammatory activity of methanol extract of *Acalypha fruticosa* in experimental animal models. M. Gupta, UK. Mazumder, T. Sivakumar, MLM. Vamsi, SS. Karki, R. Sambathkumar and L. Manikanda. *Nigerian Journal of Natural Products & Medicine*. Vol. 7, 25-29, (2003).

2004

5. Synthesis, Anticancer and antibacterial activity of some novel mononuclear Ru(II) complexes. M. Gupta, UK. Mazumder, SS. Karki, S. Bhattacharya, R. Suresh and T. Sivakumar. [Chem. Pharm. Bull.](#) 52(2), 178-185 (2004). (IF 1.293)
6. Synthesis and biological activity of some mononuclear Ru(II) complexes. M. Gupta, UK. Mazumder, SS. Karki, S. Bhattacharya, R. Suresh and T. Sivakumar. [J. of Enz. Inh. and Med. Chem](#) 15(2), 185-192 (2004).

2005

7. Synthesis and Pharmacological Activities of some Mononuclear Ru(II) Complexes. M. Gupta, UK. Mazumder, SS. Karki, S. Bhattacharya, R. Suresh and T. Sivakumar. [Bioorg. and Med. Chem.](#), 13, (20) 5766-5773, (2005).
8. Antitumor and antioxidant activities of *Bryonia laciniata* against Ehrlich's Ascites Carcinoma bearing Swiss albino mice. T Sivakumar, R Sambath Kumar, P Perumal, MLM Vamsi, P Sivakumar, R Kanagasabai, MV Baskaran, SS. Karki, UK Mazumder and M Gupta. [Oriental Pharmacy and Experimental Medicine](#) 5(4), 322-330, (2005).

2006

9. Synthesis, Anticancer activity of certain mononuclear Ru(II) complexes. M. Gupta, UK. Mazumder, SS. Karki, S. Bhattacharya, R. Suresh. [J. of Enz. Inh. and Med. Chem](#) Vol 21, No. 5, 501-507, (2006).
10. Crystal Structure of 6-(4-Chlorophenyl)-imidazo-(2,1-b)-1,3,4-thiadiazole-2-sulfonamide. GN. Anilkumar, MK. Kokila, Puttaraja, SS. Karki, MV. Kulkarni. [Acta Crystallographica Section E](#), 62, 02014-02016, (2006).

2007

11. Synthesis, anticancer and cytotoxic activities of some mononuclear ruthenium (II) compounds. SS. Karki, T. Shreekanth, YD, Satyanarayana, J. Balzarini and EDe. Clerck. [Bioorganic Medicinal Chemistry](#), 2007, 15(21); 6632-6641. (IF= 2.795)
12. Antidiabetic activity of herb of *Cynodon dactylon* Linn. Pers. In alloxan induced diabetic rats and in euglycemic rats. Neeli GS. Girase GS. Kute SH, Karki SS. Shaikh MI. [Indian Drugs](#), 44(8), 602-605, 2007.
13. Hypoglycemic effect of leaves of *Lawsonia Alba* in alloxan induced diabetic rats and glycemic rats. Neeli GS. Kute SH, Girase GS, Karki SS. Shaikh MI. [Indian Drugs](#), 44(7), 561-563, 2007.

14. Influence of beta-cyclodextrin complexation on glipizide release from hydroxypropyl methylcellulose matrix tablets. Shivakumar HN, Desai BG, Pandya S, Karki SS, *PDA J Pharm Sci Technol*. 61(6):472-91, 2007.
15. Prodrug Concept: Prodrugs of Ibuprofen. Kulkarni A. A, Karki S. S, Kapse S, Chitlange S. S, Cheterji N. C, *Current Pharma Research Journal*, 1(4), 95-98, 2007.

2009

16. 1-Arylmethyl-2,3-dioxo-2,3-dihydroindole thiosemicarbazone as leads for developing cytotoxins and anticonvulsants. SS. Karki, VS. Bahaduria, V Rana, S Kumar, GS Prasanna, U Das, J. Balzarini, EDe. Clercq and JR. Dimmock. *J. of Enz. Inh. and Med. Chem.* 24(2), 537-544, 2009.
17. Development and Validation of gas Chromatographic method for estimation of organic volatile impurities in some ayurvedic preparation. Rahul Hazare, A.V.Chandewar, Subhas S. Karki. *Asian Journal of Chemistry*. 21(9), 6993-98, 2009.
18. Validation of gas chromatographic system for estimation of organic volatile impurities in hydro alcoholic formulation. Rahul Hazare, A.V.Chandewar, Subhas S. Karki. *International Journal of Chemical Sciences* 7(2), 689-708, 2009.
19. Synthesis, anticancer and cytostatic activity of some 6H-indolo[2,3-]quinoxalines. Subhas S. Karki, Rahul Hazare, Sujeet Kumar, Vivek S. Bhadauria, Jan Balzarini, Erik De Clercq. *Acta Pharmaceutica*. 59, 431-440 (2009).
20. Synthesis, Characterisation and antibacterial activity of some novel mononuclear Ru(II) Complexes. Sreekanth Thota, Subhas S Karki Babu Rao Bhukya. *International Journal of Pharmacy and P'cal Sciences* 1(2), 62-70, 2009.

2010

21. Synthesis, antineoplastic and cytotoxic activities of some mononuclear Ru(II) Complexes. Thota S, Karki SS, Jayaveera KN, Balzarini J, Clercq ED. *J Enzyme Inhib Med Chem*. 25(4), 513-519, 2010.
22. Formulation and Evaluation of Ranitidine Hydrochloride Mouth Dissolving Tablet by Effervescent Formulation Technique. Vinodh Kumar S Mannur, Subhas S Karki, Ayaz A Dhada. *Research J. Pharm. & Tech*. 3(2): 2-4, 2010.
23. Formulation and Characterization of Ranitidine Hydrochloride Fast disintegrating Tablets. V.S. Mannur, Subhas S. Karki, Ketan B. Ramani. *International Journal of Chem Tech Research*, 2, 1163-1169, 2010.
24. Synthesis and cytotoxic activity of some mononuclear Ru(II) Complexes. Sreekanth Thota, Subhas S. Karki, Jayaveera KN, Jan Balzarini, Erik De Clercq. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 1(3), 2010, 704-713.
25. Synthesis and Biological Evaluation of Some Novel Substituted N-Benzylideneaniline Derivatives" Subhas S Karki, Santosh R. Butle, Rizwan M. Shaikh, P. K. Zubaidha, Ganesh S. Pedgaonkar, Girish S. Shendarkar, Chitra G.

- Rajput. Research Journal of Pharmaceutical, Biological and Chemical Sciences 1(4), 707-717, 2010.
26. Studies on anticonvulsant activity of stem barks of calotropis gigantini linn. In experimental animals”Subhas S Karki, Suresh Babu AR, [International J. of Pharmaceutical Sciences Review and Research](#), 5(1), 114-116, 2010.
 27. Synthesis, characterization, antitumor, and cytotoxic activity of mononuclear Ru(II) complexes” Sreekanth Thota; Subhas S. Karki; K. N. Jayaveera; Jan Balzarini; Erik De Clercq, [Journal of Coordination Chemistry](#), 4332-4346, 63(24), 2010. (IF:1.547)
- 2011**
28. Synthesis and Biological evaluation of some Stilbene-based analogues. **Subhas S. Karki**, Santosh R. Bhutle, Ganesh S. Pedgaonkar, P. K. Zubaidha, Rizwan M. Shaikh, Chitra G. Rajput, Girish S. Shendarkar. [Medicinal Chemistry Research](#) 20, 1158-1163, 2011. (IF: 1.271)
 29. Synthesis and Cytostatic evaluation of some 2-(5-substituted-2-oxoindolin-3-ylidene)-N-substituted hydrazine carbothioamide” **Subhas S Karki**, Amol Kulkarni, Nishith Therai, Erik De Clercq, Jan Balzarini. [Medicinal Chemistry Research](#) 20, 1229-1234, 2011. (IF: 1.271)
 30. Synthesis and biological evaluation of some stilbene derivatives. Subhas S Karki, Santosh R. Butle, Subhas Sahu, Ratnakar Reddy, YD Satyanarayana, Jan Balzarini, Erik De, Clercq. [Medicinal Chemistry Research](#) 20, 1349–1356 2011. (IF: 1.271)
 31. Synthesis and antimicrobial activity of some 3-substituted-2-oxindole derivatives. **Subhas S Karki**, Rahul Hazare, Sujeet Kumar, Amit Saxena, Arpit Katiyar. [Turkish Journal of Pharmaceutical Sciences](#), 8(2), 169-178, 2011.
 32. Synthesis, characterization and cytotoxic activity of some Ru(II) complexes. **Subhas S. Karki**, Sreekanth Thota, Arpit Katiyar, Korlakunta. N. Jayaveera, Erik De Clercq, Jan Balzarini. [Turkish Journal of Pharmaceutical Sciences](#), 8(3), 207-218, 2011.
 33. Synthesis and biological evaluation of novel 2-aralkyl-5-substituted-6-(4'-fluorophenyl)-imidazo[2,1-b][1,3,4]thiadiazole derivatives as potent anticancer agents. **Subhas S. Karki**, Kuppusamy Panjamurthy, Sujeet Kumar, Mridula Nambiar, Sureshbabu A. Ramareddy, Kishore K. Chiruvella and Sathees C. Raghavan, [European Journal of Medicinal Chemistry](#), 46, 2109-2116, 2011.
 34. Anti-inflammatory efficacy of various extracts of Calotropis procera leaves against different inflammation models. **Subhas S. Karki**, Suresh Babu AR [Journal of Herbal Medicine & Toxicology](#). 5(2), 41-46, 2011.
 35. Antiinflammatory activity of various extracts of roots of *Calotropis Procera* against different inflammation models. Suresh Babu, A. R., **Subhas S. Karki**, [International Journal of Pharmacy and Pharmaceutical Sciences](#) 3(3), 191-194, 2011.
 36. Anticonvulsant activity of various extracts of leaves of Calotropis Gigantea Linn against seizures induced models. Suresh Babu, A. R., **Subhas S. Karki**, [International Journal of Pharmacy and Pharmaceutical Sciences](#) 3(3), 200-203, 2011.

37. Synthesis and Antimicrobial Evaluation of Some Fused Iminopyrimidobenzothiazole Derivatives. G. R. Shendarkar, L. B. Labhsetwar, S. R. Butle, **S. S. Karki**, R. H.Sharma, S.V.Kuberkar, **Int. J. Res. Pharm. & Biomed. Sci.**, 2(3), 1350-1356, 2011.

2012

38. Synthesis, Spectroscopic characterization, Antineoplastic, Invitro-cytotoxic and Antibacterial activity of some novel mononuclear Ruthenium(II) Complexes. Sreekanth Thota, **Subhas S. Karki**, **Journal of Coordination Chemistry** 65 (5), 823–839, 2012. (IF:1.547)
39. Wound Healing Activity of Caloptropis Gigantea Leaves in Albino Wistar Rats. Suresh Babu AR, Subhas S. Karki, **Int. J. of Pharmacy** 2(1), 195-199, 2012.
40. Synthesis, spectroscopic characterization and *in vitro* antitumor activities of some novel mononuclear Ru(II) complexes” Sreekanth Thota, Mohammad Imran, Manasa Udugula, Rajeshwar Yerra, **Subhas S. Karki**, Jan Balzarini, Erik De Clercq, **Chinese Chemical Letters** 23(4), 466–469, 2012. (IF: 1.271)
41. In vitro cytotoxicity and induction of apoptosis by ruthenium (II) complexes in HL-60 and K-562. S. Bhattacharya, **Subhas S. Karki**, R. Suresh, L. Manikandan, G.P. Senthilkumar, M. Gupta, Upal K. Mazumder, R. Balaji , K. Murali. **Medicinal Chemistry Research** 21, 1120-1126, 2012. (IF: 1.271)
42. Microwave-Assisted Synthesis of Some Imidazo[2,1-b][1,3,4]thiadiazole Derivatives” **Subhas S. Karki**, Sharad Dhepe, Sujeet Kumar, Vinaya Kumar R, Suresh Babu AR, **Medicinal Chemistry Research** 21, 1550-1556, 2012. (IF: 1.271)
43. Identification of a Novel Inhibitor of Nonhomologous DNA End Joining: Implications in DNA Double-strand Break Repair, Apoptosis and Cancer. Mrinal Srivastava, Mridula Nambiar, Sheetal Sharma, **Subhas S. Karki**, G. Goldsmith, Mahesh Hegde, Sujeet Kumar, Monica Pandey, Ram K. Singh, Pritha Ray, Renuka Natarajan, Madhura Kelkar, Abhijit De, Bibha Choudhary, Sathees C. Raghavan. **Cell** 151, 1474-1487, 2012. (IF: 32.403)
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45. Microwave Assisted Synthesis, Characterization of Some New Isatin and Thiophene Derivatives as Cytotoxic and Chemopreventive Agents. Kiran Gangarapu, Sarangapani Manda, Sreekanth Thota, Rajeshwar Yerra, **Subhas S. Karki**, Jan Balzarini, Erik De Clercq, Harukuni Tokuda. **Lett. in Drug Design & Discovery**. 9, 934 – 941, 2012 (IF: 0.872)
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Here by I am declaring that the above information is true to the best of my knowledge.

Yours faithfully

(Dr. Subhas S. Karki)