

BIO-DATA



1. **Name** : **Dr. Vinod D. Rangari**
2. **Qualification** : M. Pharm., Ph. D.
3. **Date of Birth** : 01-07-1960
4. **Nationality** : Indian
5. **Permanent Address:** **Dr. Vinod D. Rangari**
IIC/4, University Quarters,
Guru Ghasidas University Campus,
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Mobile: 09893939894
6. **Present Address:** **Professor of Pharmacognosy**
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7. **Present Position** : Professor of Pharmacognosy
8. **Employer University:** Guru Ghasidas Vishwavidyalaya (Central University),
Bilaspur.
9. **Educational Qualification :**

#	Degree (Specialisation)	University (Institute)	Division	Year
1	B. Pharm. (Pharm. Sciences)	Nagpur University , Nagpur (Deptt. of Pharm. Sciences)	II	1982
2	M. Pharm. (Pharmacognosy)	Nagpur University , Nagpur (Deptt. of Pharm. Sciences)	I	1984
3	Ph. D. (Pharmacognosy)	Nagpur University, Nagpur & Regional Research Laboratory Jammu	-	1989
4	Certificate Course (Japanese)	University of Poona, Pune.	-	1997

10. **Teaching Experience** : 23 Years (at Graduate & Post graduate levels)

11. Research Experience : 28 Years (at Ph. D. and Academic level)

12. Employment Record

#	Employer's Name & Address	Period of Service	Designation	Nature of Work
1	B.N.Institution's College of Pharm. Sciences, Udaipur. (University of Rajasthan)	About 1/2 Yr Sept. 89 to Dec. 1989	Lecturer of Pharmacognosy	B. Pharm. Teaching
2	N.D.M.V.P.S.'s Nashik College of Pharmacy, Nashik (University of Poona)	6 years Dec. 1989 to Dec.1995	Lecturer of Pharmacognosy	a) B. Pharm. Teaching b) M.Pharm. Teaching & Research.
3	Bharati Vidhyapeeth's Poona College of Pharmacy, Pune. (B.V. Deemed Uni., Pune.)	8 years Dec. 1995 to Feb.2004	Assistant Professor of Pharmacognosy	a) B. Pharm. Teaching b) M. Pharm. Teaching c) Ph. D. Guide.
4	J. S. S. College of Pharmacy, Mysore, Karnataka. (Rajiv Gandhi Health Univ.)	from Feb. 04 to April 04	Professor of Pharmacognosy	a) B. Pharm. Teaching b) M. Pharm. Teaching c) Ph. D. Guide.
5	J. L. Chaturvedi College of Pharmacy, Nagpur (Nagpur University, Nagpur)	from May 2004 to Aug 2010	Principal & Professor of Pharmacognosy	a) B. Pharm. Teaching b) M. Pharm. Teaching & Research d) Ph. D. Guide.
6	Vidyabharati Trust College of Pharmacy, Umrakh, (Gujrat Technical University)	Since Sept. 2010 to Jan. 2011	Principal & Professor of Pharmacognosy	a) B. Pharm. Teaching b) M. Pharm. Teaching & Research Ph. D. Guide
7	Dadasaheb Balpande College of Pharmacy, Besa, Nagpur.	Since Feb. 2011 to Jan. 16, 2012	Principal	a) B. Pharm. Teaching b) Ph. D. Guide c) College Admin.
8	S. L. T. Institute of Pharm. Sciences, Guru Ghasidas University, Bilaspur.	Since Jan. 18, 2012	Professor of Pharmacognosy	a) B. Pharm. Teaching b) M. Pharm. Teaching & Research e) Ph. D. Guide.

13. Research Projects Co-ordinated

- a) Project's Name : Formulation and Immunomodulatory Activity Studies of Herbal Drug Formulation - Potential Anti-AIDS Agent.
Sponsoring Body : All India Council of Technical Education, New Delhi.
Amount Sanctioned : Rs. 6 Lacs /-

- b) Other Commercially Important Research Projects Co-ordinated & Completed:

1. Semisynthetic Modifications and Hypotensive activity studies of Caripaine from *Carica papaya* leaves, Enzo-chem Laboratories, Yeola, Nashik, India.
2. Formulation and Development of Hepatoprotective Herbal Drug Formulation, - Indus Bitech Private Ltd., Pune, India.
3. Formulation Development and Psychotropic activity studies of Herbal Drug Formulation for Alzheimer's Disease - Indus Bitech Private Ltd., Pune, India.
4. Formulation Development and Psychotropic activity studies of Herbal Drug Formulation for Parkinson's Disease - Indus Bitech Private Ltd., Pune, India.
5. Formulation Development and Antosickling activity studies of Herbal Drug Formulation for Sickle cell anaemia - Zim Laboratories Private Ltd., Nagpur,

14. Research Guidance to M. Pharm. Students

N.D.M.V.P's Nashik College of Pharmacy: (University of Poona)	1989-1995	07 Students
Bharti Vidyapeeth's Poona College of Pharmacy: (Uni. of Poona & BV Deemed University, Pune)	1996-2004	18 Students
J. L. Chaturvedi College of Pharmacy, Nagpur (Nagpur University)	2005-2010	32 Students

15. Research Guidance to Ph. D. Students

1. Ramesh B. Agarwal, **Fellowship:** CSIR, New Delhi, **Yr. of Award:** 2000
Research project: Phytochemical, Pharmacological and Immunomodulatory studies of to new Indian Medicinal Plants, *Strobilanthus callosus* and *S. ixiocephala* for development of Novel Anti-inflammatory and Antiarthritic drugs".
2. Shishupal B. Bodele, **Yr. of Award:** 2011
Research project: Phytochemical investigation and Bone fracture healing activity studies of some Indian Medicinal Plants.
3. Mrs. K. P. Upadhye,
Research project: Phytochemical investigation and Antimigraine activity studies of some Indian Medicinal Plants
4. Mr. Amarish Sharma,
Research project: Phytochemical investigation, Immunomodulatory and Anti-HIV activity studies of *Dansonia digitata*.
5. Mr. Shaukat Ahamad
Research project: Phytochemical investigation, Pharmacological and Anti-Sickle Cell Anemia studies of Indian Medicinal Plants.

16. Patents:

1. "Development of an Effective Immunostimulant Herbal Drug Formulation for the treatment of AIDS and the Process thereof", Application No.: 186/MUM/2000, Date of Filing: 06-03-2000, Publication Date: 12-08-2005.

2. **“Isolation of Oleanilic acid from clove and the Process thereof ”**, Application No.: 2429/MUM/2008, Date of Filing: 18-11-2008, Publication Date: 28-05-2010, Request for examination: 26-09-2011, Status: Application awaiting examination.
3. **“Isolation of Lupeol from *Strobilanthus callosus* and the Process thereof ”**, Application No.: 2430/MUM/2008, Date of Filing: 18-11-2008, Publication Date: 28-05-2010, Request for examination: 26-09-2011, Status: Application awaiting examination.
4. **“Isolation of 19 α -H-Lupeol from *Strobilanthus ixiocephala* and the Process thereof”**, Application No.: 2429/MUM/2008, Date of Filing: 18-11-2008, Publication Date: 28-05-2010, Request for examination: 26-09-2011, Status: Application awaiting examination.
5. **“A New Pharmaceutical combination comprising an Anticancer drug, Paclitaxel and Bioactive Bioenhancer”**, Application No.: 1741/MUM/2009, Date of Filing: 30-07-2009, Applications not yet published.
6. **“Development of Mouth wash preparations from *Acacia arabica* extracts and the Process thereof ”**, Application No.: 2949/MUM/2009, Date of Filing: 22-12-2009, Applications not yet published.
7. **“Development of an Effective Herbal Drug Formulation for the treatment of Sickle Cell Anaemia and the Process thereof”**, Application No.: 2948/MUM/2009, Date of Filing: 22-12-2009, Applications not yet published.

WIPO Patent Application:

Pub.No.:WO/2011/077455 **International Application No.:** PCT/IN2010/000840

Publication Date: 30.06.2011 **International Filing Date:** 22.12.2010

17. Agreement & Technology Transfer

An agreement has been signed in between the Researchist - **Dr. Vinod D. Rangari** and the Director of **Indus Biotech Private Ltd. Pune** for the commercialisation of the Immuno-stimulant Herbal Drug Formulation for the treatment and management of AIDS.

18. MOU / Agreement for Research:

MoU has been signed in between Researchist - **Dr. Vinod D. Rangari** and the Director- **Zim Laboratories Ltd, Nagpur**, for collaborative research work, Patent proposals, and commercialization of the research output.

19. Books

- 1. Pharmacognosy and Phytochemistry Part -1** (ISBN: 978-81-88739-45-5) &

2. Pharmacognosy and Phytochemistry Part -2 (ISBN: 978-81-88739-65-3)

Author : Dr. Vinod D. Rangari

Publisher : Career Publications, Nashik, India

3. HIV-AIDS and Bioactive Natural Products (ISBN: 1-933699-45-0)

Author : Dr. Vinod D. Rangari, Rahul K. Dumbre and Manisha R. Dumbre

Publisher : Studium Press Llc, Houston, Texas, USA.

4. Pharmacognosy-II, Gujrat Technical University, (ISBN: 978-81-88739-86-8)

Author : Dr. Vinod D. Rangari

Publisher : Career Publications, Nashik, India

5. Authored two chapters on CSIR (Govt. of India) web-site Project:

<http://nsdl.niscair.res.in> on-

- a) Tannins containing Drugs and,
- b) Proteins and Enzyme Containing Drugs

20. Research Papers published in International / National Journals

1. Synthesis, Anti-inflammatory and antiarthritic activity of newer β -Boswellic acid derivatives; Vinod D. Rangari, V.N.Gupta & C.K.Atal; **Indian J. Pharm. Sci.**; 52; 03; 158-60; 1990.
2. Structure and Hepatoprotective activity of a Biflavonoid from *Canarium manni*; K.K.Anand, V.N.Gupta, & Vinod D. Rangari; **Planta Medica**; 58; 493-95; 1992.
3. Chemistry and Pharmacology of *Psoralea corylifolia*; Vinod D. Rangari & S.R.Agarwal; **Indian Drugs**; 29; 562-70; 1993 (Review article).
4. Colourimetric estimation and microbiological study of *Commiphora mukul* & its formulations; Vinod D. Rangari & M. Donglikar; **Indian J. Pharm. Sci.**; 110-13; 1994.
5. Structure of 1,2,3,4,5-Pentahydroazepino (2,1-b) Quinazolin-11 (1-H) one HCl; Rajnikant, Vinod D. Rangari et. Al.; **Molecular Material**; 09; 227-234; 1998.
6. X-ray crystallographic structure of Carpaine from *Carica papaya* leaves; Rajnikant; Vinod D. Rangari et.al.; **Molecular Material**; 09; 131-137; 1998.
7. Effect of aqueous extract of *Ipomoea carnea* leaf on isolated frog and mouse Heart; K.Bachhav, M. Burande, Vinod D. Rangari. & J. Mehta; **Indian J. Experimental Biology**; 37; 1080-84; 1999.
8. Crystallography Report of Acetyl β - Boswellic acid; Rajnikant, Vinod D. Rangari, R. Agarwal, & S. Bapat; **Crystal Research Technology**; 36; 1; 93-100; 2001.
9. Immunomodulatory Activity Studies of Mangiferin from *Mangifera indica* bark; N. Makare, S. Bodhankar and Vinod D. Rangari; **J. Ethnopharmacology**; 78; 133-137; 2001.

10. Comparative Phytochemical Studies of *Strobilanthus callosus* and *S. ixiocephala* roots; R. Agarwal & Vinod D. Rangari; **Indian Drugs**; 38 (12); 646-648; 2001.
11. Antibacterial and Antifungal Activity Studies of Essential oil of *Strobilanthus ixiocephala*; R. Agarwal, Vinod D. Rangari, & S. Singhania; **Indian Drugs**; 39 (1); 36-38; 2002.
12. Standardisation and Quality evaluation of *Euphorbia nivulia* Buch. Ham., G.V.R. Joseph & Vinod D. Rangari; **Ancient Science of Life**; 21 (3); 160-166; 2002.
13. Phytochemical Investigation, Anti-inflammatory and antiarthritic activity study of *Strobilanthus ixiocephala* Benth. R. B. Agarwal, & Vinod D. Rangari; **Indian J. Exper. Bio.**; 41; 890-894; 2003.
14. Anti-inflammatory and antiarthritic activity study of 19 α -H Lupeol from *Strobilanthus callosus* Benth. R. B. Agarwal, & Vinod D. Rangari; **Indian J. Pharmacol.**, 35; 384-387; 2003.
15. Production of Acetamide derivative from Marine *Streptomyces* sp. Isolated from West coast of India; C. Kokare, Vinod D. Rangari, Balasaheb Chopade, K.R.Mahadik & S.S.Kadam, **Biosciences, Biotechnology Research Asia**; Vol.3(2); 307-316; 2005.
16. Seasonal Variation in the Essential Oil of *Strobilanthus ixiocephala*, Agarwal R. B. and Rangari V. D.; **Journal of Essential Oil Research**; 17 (3), 246-248; 2005.
17. Atinociceptive activity of aqueous extract of *Pachyptera hymenea*(DC) in mice, P. R. Verma, S. A. Deshpande & V. D. Rangari; **J. Ethnopharmacology**; 112;203-206; 2007.
18. Antidiabetic activity potential of *Phyllanthus reticulates* in alloxan induced diabetic mice, S. Kumar, D. Kumar, R. R. Deshmukh, P. D. Lokhande, S. N. More and V. D. Rangari, **Fitoterapia**, 79, 21-23, 2008.
19. Hepatoprotective activity of Herbal Drug Formulation, M. Kambale, R. Dumbhre and V. D. Rangari, **International Journal of Green Pharmacy**, 02, 147-51, 2008.
20. Development and evaluation of formulations of microbial biotransformed extract of tobacco leaves for hair growth potential, Aslesh V. Murkute, Mahesh S. Sahu, Prashant Y. Mali and Vinod D. Rangari, **Pharmacognosy Research**, 02 (05), 300-303, 2010.
21. Evaluation of immunomodulatory potential of ethanolic extract of *Roscoea procera rhizomes* in mice, Mahesh S Sahu, Prashant Y Mali, Shekhar B Waikar, and Vinod D Rangari, **Journal of Pharmacy and Bio-allied Sciences**, 02 (04),346-349, 2010.
22. Evaluation and Antinociceptive activity of fresh leaf juice of ethanolic extract of *Moringa oleifera* Lam., Kanchan P. Upadhey, Vinod D. Rangari, Vijay B. Mathur, **Asian J. of Pharmaceutical and Clinical Research**, 04 (01), 114-116, 2011.

23. Semisynthetic modification and Immunomodulatory activity studies of 19 α -H lupeol esters, Anup K Chakraborty and Vinod D Rangari, **Der Pharmacia Sinica**, 2011, 2(2), 198-211.

21. Other Experiences

(a) Exposure Course in Biotechnology

One week exposure course in Plant Tissue culture and Microbial Biotechnology at Regional Research Laboratory (CSIR), Jammu Tawi from 24th - 29th Nov., 1997.

(b) Seminar Organized

- i) Two weeks faculty training workshop was arranged on “ Special methods of teaching Pharmaceutical Chemistry ” organized at J. L. Chaturvedi College of Pharmacy, Nagpur, from 14th to 23rd Feb, 2005, sponsored by NITTTR, Bhopal and Directorate of Technical Education, Mumbai.
- ii) Two Days National Seminar on “HIV-AIDS and Herbal Drug Research – Global Perspectives” organized at J. L. Chaturvedi College of Pharmacy, Nagpur, from 2nd to 3rd Nov. 2008 with the Mission statement for the seminar, “ *Cure for AIDS may emerge through herbs, let the search go on* ”. 210 participants from all over the country attended the seminar and presented their research papers. The seminar was sponsored by AICTE, New Delhi.

(c) Conferences attended & Guest Lectures delivered as Resource Person

<i>National Conferences</i>	<i>International Conferences</i>	<i>Guest Lecture delivered</i>
20	10	22

- (d) Worked as active member of Scientific Services Committee, 54th IPC, Pune, 2002.

22. Academic Visits Abroad

- 63rd World Congress of Pharmacy and Pharmaceutical Sciences, , Sydney, organized by International Pharmaceutical Federation (FIP) Australia, 4-9 Sept. 2003
- 1st Current Drug Development International Conference, Phuket, Thailand, organized by Prince Songkla University, Phuket, Thailand, 5-9 May, 2009.

23. Research Collaborations established

- i) Division of X- ray crystallography, University Dept. of Physics, University of Jammu, Jammu Tawi, India.
- ii) Regional Research Laboratory (CSIR), Canal Road , Jammu Tawi, India,
- iii) Indus Biotech Private Ltd, Pune, India,
- iii) Unijules Laboratories Pvt. Ltd, Nagpur, India.

24. Names and contact information for three references:

a) Prof. Dr. C. K. Atal

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Date: June 15, 2012

Place: Bilaspur

(Dr. Vinod D. Rangari)