

Personal Profile



Professor Anamik Shah has joined from 1st January 2015 as a Vice-Chancellor of Gujarat Vidyapith, Ahmedabad (Gujarat-India) (Historical National Institute of Heritage and a deemed university) founded by Mahatma Gandhi in 1920. He is also trustee of 'Kaba Gandhino Delo' a historical parenteral house of Mahatma Gandhi at Rajkot, where Father of Nation has studied. (www.gujaratidyapith.org)

Professor Dr. Anamik Shah is working as a senior most faculty member at Department of Chemistry, Saurashtra University. The Department of Chemistry when established in 1979 under the stewardship of Professor V. M. Thakor, he has the Honour of being first Ph.D. scholar from the newly established department at Rajkot Campus.

After appointment as a faculty member at Saurashtra University in 1983, for last 31 years, Professor Anamik Shah is teaching Organic, Medicinal, Environmental and Pharma Analytical Chemistry.

Professor Anamik Shah is one of on academic researcher who pioneered industry-academic linkages, by working several projects on Drug Discovery & also Process Chemistry with Alembic Ltd, Dabur Research Foundation, Claris Life Sciences, AstraZeneca, Specs biospecs, Piramal Research Center, Zydus Research Center and etc. Prof. Shah has successfully worked on 14 National and International Research Projects and several are currently running under his guidance.

Professor Shah has initiated to create an unique facility "National Facility for Drug Discovery Complex" worth of Rs. 8 Crore under DST (DPRP) Project at separate building jointly funded by the Department of Science and technology (DST-DPRP) and Industries Commissionerate, Government of Gujarat, Gandhinagar and philanthropist late Dr. Dipchand Gardi for building at Saurashtra University campus, Rajkot (Gujarat).

Professor Shah has been granted a project of Rs. 13.19 Crore for the establishment of "Center of Excellence" at National Facility for Drug Discovery Complex. In addition to this he has several project from DST, DBT, CSIR, UGC, DAE, OSDD, MSMEs, National Institute of Health (NIH)-USA. He has worked on diversified fields of medicinal chemistry i.e. anti HIV, anticancer and antitubercular drug discovery. He has also established unique facility for preservation of Molecular Diversity [FPMD] through flagship project. He is currently President of Indian Society of Chemists and Biologists, Lucknow, (www.iscbindia.com).

Professor Shah has pursued his degree of Doctor of Philosophy (Chemistry) in year 1983, Master of Science in year 1977, and Special LLB in year 1988. He is awarded by International Scientific Partnership Foundation, Russia.

Affiliations & Associations

National Facility for Drug Discovery



"National Facility for Drug Discovery Complex at Saurashtra University, Rajkot (Gujarat-India) through New Chemical Entities (NCEs) Development and Instrumentation Support to Small Manufacturing Pharma Enterprises", worth Rs. 4.88 crore.

Detailed brochure is available at the bottom of the webpage.

Facility for Preservation of Molecular Diversity

Prof. Anamik Shah has initiated a green effort of "Facility for Preservation of Molecular Diversity" which provides facility to preserve the valuable research molecules in the repository and give long life to your research. A detailed brochure is available at the bottom of the webpage. Complete details of the project can be found on FPMD website: www.chemdive.com

Benefits of this repository includes, not only,

1. Your deposited compound may convert into future billion dollar block buster drug through FPMD and you will be recognized as an inventor.
2. FPMD will preserve physically your samples under standards temperature / humidity storage condition so that it will remain pure & do not decompose.
3. The depositor will be given a unique and permanent registration number for all future communication.
4. FPMD will collaborate with the best biologist among the world to evaluate the biological activity of your compounds and all the results will be shared to you.
5. You will have joint publication(s)/patent(s) of your molecules.
6. Your molecules will be kept permanently, so any time may after 10 years you can visit FPMD to see your molecules like museum.
7. Upon commercial consideration of compounds, 40% of revenue will be shared to you. Remaining 40% utilized in analytical testing of your molecules and 20% for running this repository.
8. FPMD is a green approach so your support will save the costly chemicals, synthesized compounds, and huge human resource of the nation.
9. FPMD is working solely as a facilitator for a noble cause. You will be sole owner of your molecules and on hearing position nod, FPMD will act upon for preservation, sales, biology, screening, etc.

Let's join this green effort...

Indian Society of Chemists and Biologists

Professor Anamik Shah is serving as **President of Indian Society of Chemists and Biologists (ISCB)**, which was founded in year 1995 in Lucknow. Currently, Indian Society of Chemist and Biologists is an one of the leading scientific society of India with more than 2000 active members.

Website: www.iscbindia.com

Book & Book Chapter

Book Chapter

"Advanced Dihydropyridines as Novel Multi Drug Modifiers and Reverting Agents"

Book Name: Topics in Heterocyclic Chemistry

Publisher: Springer Berlin/Heidelberg

Springerlink Date: 22/12/2007

Author: **Anamik Shah**, Jitender Bariwal, Joseph Molnar, Masami Kawase and Noboru Motohashi

Book

"Chemistry of Modern Synthetic Drugs"

(According to Chemical Classification)

Publisher: University Granth Nirman Board, Gujarat

Year of First Publication: 1999

Author: **Anamik Shah**

Contact Details

Work Station

NFDD Centre, Department of Chemistry,
Saurashtra University, University Road,
Rajkot - 360005 Gujarat (India)
and
Gujarat Vidyapith
Nr. Income Tax Office, Ashram Road,
Ahmedabad - 380 014
Gujarat State, India.

Residence

"Astha"
Opp. Panchayat Nagar Bus-stop,
University Road,
Rajkot - 360005
Gujarat (India)

Websites

www.chemdive.com (FPMD Project)
www.iscbindia.com
<https://sites.google.com/site/anamikkantilalshah>

e-Mail

anamik_shah@hotmail.com
anamik_shah@yahoo.com
chemdive@gmail.com (for FPMD
project)

Phone & Fax

91-281-2581013 / 91-281-2589609
91-281-2578512 (Departmental TeleFax)
91-281-2576802 (University TeleFax)

Mobile

91-9825215656
91-9428466077

Dissertations & Theses

Prof. Anamik Shah has guided more than 50 students to pursue their Ph.D. in diversified fields of Chemistry ranging from Synthetic Medicinal Chemistry to Pharmaceutical Analytical Chemistry during his academic career of more than 28 year. Prof. Shah is been bestowed with additional Guide-ship in Bansthali Vidyapith, Banasthali, Rajasthan and Kadi Sarva Vishwavidyalaya, Gandhinagar.

Prof. Shah has guided five M.Pharm. (Ayurved) scholars. In each academic year, Prof. Shah guides and mentors more than ten M.Sc. scholars to pursue Research Dissertation under the Special Assistance Program (SAP) of University Grants Commission, New Delhi.

Sr. No. **Title of the Thesis**

Name of the Scholar

Sr. No.	Title of the Thesis	Name of the Scholar
1	A Study in Heterocyclic Compounds	Kulin Parmar
2	Studies on Some Compounds of Medicinal Interest	Dharmendra Thaker
3	The Studies on Some Potential Pharmacological Active Compounds	Maitraya Joshi
4	A Study in Bioactive Compounds	Atul Hingrajia
5	A Study in Heterocyclic Compounds	Ashok Sarvani
6	A Study in Heterocyclic Compounds	Dinesh Sureja
7	Studies on Biologically Active Compounds	Harsukh Gevariya
8	Studies on Biologically Active Compounds	Yogesh Naliapara
9	A Study in Heterocyclic Compounds	Denish Karia
10	Studies on Some New Synthetic Molecules of Medicinal Interest	Mausami Chavada
11	Synthesis and Characterization of Some Pharmacologically Active Compounds	Narsinh Dodia
12	Synthesis and Pharmacological Evaluation of Some Aromatic and Heterocyclic Compounds	Nimish Mungara
13	Synthesis, Characterization and Biological Activity of Some Heterocycles	Bhavik Desai
14	Studies on Some Novel Pharmacologically Active Synthetic Compounds	Vipul Vora
15	A Study in New Bioactive Chemical Entities	Bharat Varu
16	Synthetic and Applied Studies of Some Heterocyclic Compounds	Sudhir Joshi

17	Synthesis and Evaluation of Some Heterocycles as Chemotherapeutic Agents	Kinnari Dholaria
18	Synthesis, Characterization & Therapeutic Evaluation of Some Heterocyclic Compounds	Rajesh Loriya
19	Studies on Some Synthetic Bioactive Compounds	Jignesh Patel
20	Synthesis, Characterization and Application Study of Some Heterocyclic Moieties	Vishal Narodia
21	Studies on Heterocyclic Systems	Gautam Patel
22	Synthetic Study of Some Pharmacologically Active Heterocyclic Compounds	Alpesh Parecha
23	Synthesis of Some Oxygen, Nitrogen, Sulphur Heterocycles and Their Pharmacological Screening	Dharitra Shah
24	Studies on Some Synthetic Molecules of Medicinally Interest	Himanshu Kothari
25	Synthesis and Characterization of Some Bioactive Compounds	Dinesh Manvar
26	Design, Synthesis and Biological Activity of Some Therapeutically Active Heterocycles	Hrishikesh Acharya
27	Synthesis and Characterization Study of Some Chemotherapeutic and Bioactive Molecules	Priti Adlakha
28	Studies on Synthetic and Pharmacologically Active Compounds	Chintan Dholakia
29	Studies on Some Heterocyclic Compounds	Arun Mishra
30	Synthesis and Structural Modifications of Some Bioactive Compounds	Kena Raval
31	Studies on Some Bioactive Heterocyclic Moieties	Kuldip Upadhyay
32	Synthetic Approach Towards Potentially Bioactive Heterocycles and Other Compounds	Atul Manvar
33	Study of Some Bioactive Synthesis Heterocycles	Vijay Virsodia
34	Synthesis, Characterization and Screening of Pharmacologically Active Chemical Entities	Rupesh Khunt
35	Synthesis, Characterization and Pharmacological Study of Some Bioactive Molecules	Vekariya Nikhil
36	Synthesis, Biological activity and QSAR studies of some Heterocyclic compounds	Jitender Bariwal
37	Studies on Some Important Heterocyclic Moieties	Trivedi Jalpa
38	Synthesis and Biological Profile of Some Novel Heterocyclic Moieties Bearing N,S and O Atoms	Dhawal Joshipura
39	Synthesis and Characterization of Pharmaceutically Important Substances	Rajesh Kakadiya

40	Synthesis and Pharmacological Study of Some New Chemical Entities	Pandya Nilay
41	Synthesis and Characterization of Pharmacologically Active Compounds	Parekh Shrey
42	Studies on Bioactive Heterocycles and Other Moieties	Thakrar Sailesh
43	Synthesis and Characterization of New Heterocyclic Compounds and Their Application	Savalia Bharat
44	A Synthetic Approach towards Bioactive Molecules and Related Studies	Parmar Manisha
45	Development of Analytical Methods and Their Validation For Bioactive Molecules and API's	Thakkar Rakshit
46	Studies on Some Oxygen, Nitrogen and Sulfur Containing Heterocycles	Chaniyara Ravi
47	Studies on Synthesis of New Heterocyclic Skeletons & Related Compounds	Marvania Bhavin
48	Studies in Heterocyclic Moieties	Bavishi Abhay
49	Studies on Some Newer Bioactive Heterocyclic Moieties and Other New Chemical Entities	Vala Hardevsinh
50	Instrumental and analytical studies of active Pharma ingredients and bioactive molecules	Hitesh Sarvaia
51	Method development and analytical studies of some API's and related products	Mrunal Ambasana
52	Analytical Study of Pharmaceutical Substances-Method Development and Validations-Few Case Studies	Harshad Kaila
53	Studies on diverse heterocyclic entities and their applications	Dhairya Bhavsar
54	Studies on Nitrogen and Oxygen containing heterocyclic compounds	Vaibhav Ramani

Invited Talks

1. Chemical manipulation for new antitubercular drug development path: A Mini Review. 12th ISCB Conference at BITS, Pilani, 22-24 February, 2008.
2. Coumarin Skeleton Modifications for Anticancer Activity: A Mini Review of Synthesis and Cytotoxicity Study. First International Conference on Drug Discovery and Nano Technology (DDNT) at Nanded, 27-29 January 2008.
3. Development of Novel Dihydropyridines as MDR Reverting Agents - A New Look for Lead Optimization. 11th ISCB Conference at Aurangabad (India), 24-26 February, 2007.
4. Design and Synthesis of Some Heterocyclic Entities as Novel Anti Tubercular and Antimicrobial Agents. 2nd International Conference on Heterocyclic Chemistry at Jaipur, 2006.
5. Design and synthesis of some potent antiviral agents. 10th ISCB International Conference on Drug Discovery: Perspective and Challenge at Lucknow (INDIA) on 24-26 Feb, 2006.
6. Exploration of "known scaffolds" of bioactive heterocycles for diversified pharmacological activities. 2nd International Symposium on Drug Discovery and Process Research at Belguam (INDIA), 10-12 February, 2006.
7. Current Trends in drug discovery and process research. CTDDR at CDRI, Lucknow, 17-20 February 2004.
8. Small molecules as chemotherapeutic agents. International symposium on drug discovery and process research (DDPR-2003), January 23-25, 2003.
9. Invited Lecture at University Institute of Pharmaceutical Science & UGC Center of Advanced Study in Pharmaceutical Sciences, Punjab University, Chandigarh, Design and Synthesis of some Potent Antiviral Agents
10. Evolution of WTO, GATT, TRIPS and Introduction of IPR. AICTE Sponsored Staff Development Programme on Patenting in Pharmaceuticals, Rajkot, May 2010.
11. Antitubercular Drug Development Efforts at Saurashtra University, Rajkot. Presentation for Open Source Drug Discover at CSIR Science Centre, New Delhi on May 17, 2008.
12. Natural products as a Source of "Lead" in Anticancer Research at GCRI(Gujarat Cancer Research Institute), Ahmedabad on December 3, 2007.
13. Structure based drug design, synthesis, SAR studies and screening of novel antitubercular, and antibacterial compounds at Alembic Ltd. Alembic Road, Vadodara-390 003 on 5th Jan 2007.
14. Recent Development in some bio-active heterocycles for drug discovery at Zydus Cadila Healthcare Ltd., Ankleshwar - 29th May, 2007.
15. Exploratory Research in the Field of Chemotherapeutic NCEs development. Cadila Pharmaceutical Ltd., Dholka, - 11th August, 2007.
16. Exploratory Research in the Field of Chemotherapeutic NCEs development. Oxygen Healthcare, Ahmedabad - 29th August, 2007.
17. Multi Drug Reverting Agents in Tumor Cell: A Brief Review At Sinhgad College of Pharmacy, Pune on 29th April, 2006.
18. Exploration of "known scaffolds" of bioactive heterocycles for diversified

pharmacological activities. 13th Refresher Course in Chemistry Dr. Babasaheb Ambedkar Marathwada University Aurangabad (Maharashtra) On 25th & 26th September, 2006.

19. Current Trends in Pharmaceutical Chemistry: Some Case Studies At Silver Jubilee Conference Indian Council of Chemists Birla College, Kalyan, Mumbai, 27th -29th December, 2006
20. Drug Discovery and recent developments in the Heterocyclic Compounds at Bio Arc Research Centre, Vadodara.
21. Invited lecture in Two Day' seminar at Hemchandracharya North Gujarat University, Patan on Current Approach for Drug Discovery.
22. Chirality of Drugs And Its Consequences At Talod U.G.C. Sponsored State Level Seminar On Recent Trends in Chemical Science On 26-27 Feb 2005.
23. Plenary Lecture at Christ College on "Multi Drug Resistance (mdr) Reversal Agents In Tumor Cells: An Approach to Medicinal Chemistry"
24. During the Science Symposium on "Current Trends in Science" on 17th January 2005 at Christ College Campus.
25. Heterocyclic Entities of diversified structures leading to antiviral activity. Recent development in bioactive heterocycles. Series of Invited lecture at J.S.S. College of Pharmacy on 22nd to 24th September 2004 on following topics.
26. Invited lecture at Agra University, Agra. In Dec-2003. Title: "Heterocyclic Entities of Diversed structures leading to Antiviral activity"
27. Invited Lecturer at Sardar Patel University Vallabh Vidyanagar under Shri I.A.Patel (Shertha) visiting programme 2002-03. On 21st & 22nd FEB 2003.
28. Invited speaker at One Day Symposium On 27th SEP 2003. "Advances in Pharmaceutical Sciences" at B. V. Patel PERD Center Ahmedabad-380 054. Title: "Heterocyclic Entities of Diversed Structures Leading to Antiviral Activity"
29. Invited talk at UGC recognized state level seminar on "Innovative trends in research & development in chemical industries: an Indian perspective" held at yogidham campus at Rajkot on 20th Feb, 2003 by Sarvodaya Kelavani Samaj. Title: "Small heterocyclic molecules leading as chemotherapeutic agents".

Patents

1. "Process for Preparation of Pharmaceutically Active N-phenyl (Anthranilic acid) by Ullmann Method."
Narsinh Dodia and **Anamik Shah**.

Filing No. & Date: 979/MUM/**2000** (02-11-2000)

2. "A Process for the Preparation of Methyl substituted dioxatetracyclo Heptadeca-2, 4,6,11,13,15-hexaene."

Narsinh Dodia, Rajesh Raval, V. M. Thakor and **Anamik Shah**.

Filing No. & Date: 305/MUM/**2001** (30-03-2001)

3. "Novel Compound namely methyl substituted Dioxo-tetracyclo Heptadeca-2, 4,6,11,13,15-hexaene."
Narsinh Dodia and **Anamik Shah**.

Filing No. & Date: 306/MUM/**2001** (30-03-2001) and granted on 30/11/2007

4. "Novel Coumarin compounds as antiviral agents and process of preparations thereof."

Dinesh Manvar, Jignesh Patel and **Anamik Shah**.

Indian Provisional Patent Applications No. 584/MUM/**2007**

5. "6-Methyl-4-phenyl-5-(phenyl or cycloalkyl)carbamoyl-1,2,3,4-tetrahydropyrimidin-2-one derivatives as Antitubercular Agents."

Dhiman Sarkar, Sampa Sarkar, Rohit Joshi, Vijay Khedkar, Raghuvir Pissurlenkar, Evans Coutinho, **Anamik Shah**.

Applications No.: PCT/IB2011/001184 (31.05.**2011**) / Publication no.: WO2011/151701 (08.12.**2011**)

Photo Gallery



**Prof. Anamik Shah with
Hon. Prime Minister Dr. Manmohan Singh**



**Receiving Memento from Shri R. S. Gavai,
Governor (Kerala) and the Governor of
Rajasthan Smt. Pratibha Devisingh Patil at
International Conference at Jaipur**



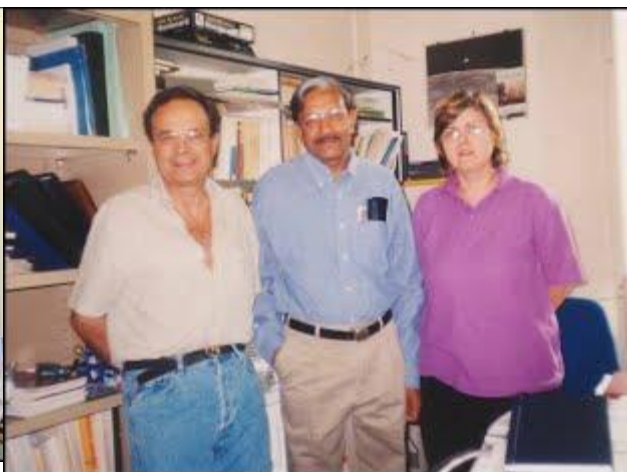
**Prof. Shah with Prof. M. M. Sharma
and ex-sheriff of Mumbai Shri Mohanbhai Patel**



**Prof. Shah with Prof. Ulrich Jordis
and colleagues during conference at Ooty**



Prof. Shah with Prof. Wagman and Prof. P. P. Sood



Prof. Shah with Prof. Fulvio Gualtieri at Itali



Prof. Shah congratulating during a lecture series at Saurashtra University, Rajkot



Prof. Anamik Shah with Dr. Gopalan and Prof. P. H. Parsania



Prof. Shah receiving memento from Dr. R. S. Verma



Prof. Anamik Shah with Dr. Pradeep Srivastava and Dr. Samathanam

Positions Held

Various Positions Held (Last 35 Years)

1. President, Indian Society of Chemists and Biologists: 2010 – till date
2. Vice President, Indian Society of Chemists and Biologists: 2002 – 2010
3. Member of Board of Studies, M. S. University, Vadodara
4. Member of Board of Studies, Bhavnagar University, Bhavnagar
5. Public Representative Director, Saurashtra Kutch Stock Exchange: 2004 – 2006
6. In-charge Faculty for an innovative project run by Saurashtra University namely IMPLANT (Inter University Medicinal Plant Laboratory for Nurture & Therapeutics): 2001 – 2011
7. Vice President, Saurashtra University Teachers Association: 2000 – 2001
8. Vice President, Gujarat State Federation of college & University Teachers Association: 1999 – 2000
9. President, Saurashtra University Teachers Association: 1996
10. Senate Member, Saurashtra University, Rajkot: 1995 – 2000
11. Trustee, Shri Saurashtra High School Trust, Rajkot: 1994 – till date
12. Secretary, Saurashtra Vikas Samiti, Rajkot: 1994 – till date
13. Trustee, Saurashtra Vidyarthi Utkarsh Samaj: 1994 – till date
14. Director, Environmental Research Foundation of India, ERFI, Rajkot: 1992 – till date
15. Editorial Board, "Chhatra Shakti", Rajkot: 1992 – till date
16. Executive Director Institute of Political Science & Public Opinion: 1990 – 1998
17. Secretary, Saurashtra University Teachers Association: 1992 – 1994
18. Executive Committee Members Gujarat State Federation of college and University Teachers Association: 1984 – 1994
19. Joint Secretary, Saurashtra University Teachers Association: 1984
20. President, Saurashtra University Researchers Association: 1980
21. General Secretary, Saurashtra Vidyarthi Madhyasthi Sangh: 1977

Life Membership/Fellowships

1. Indian Science Congress, Calcutta.
2. Indian Pharmaceutical Association, Mumbai.
3. Indian Chemical Society, Calcutta.
4. Indian Society of Chemist and Biologist, Lucknow.
5. Chemical Research Society of India, Bangalore.

Editorial Board Member

1. Journal of Cell and Tissue Research (TRC journal).
2. Medicinal Chemistry: An Indian Journal (Trade Science Incorporation).
3. Associate Editor, Journal of Basic and Applied Pharmaceutical Sciences, Brazil.
4. Heterocyclic Communications, UK.

Expert and Selection Committee Member

1. UGC Plan Committees and Major Research Projects (Chemistry).
2. Selection committee of Lectures, Readers, Professors of various Universities in Gujarat and other states.
3. Scientists of CSIR affiliated Research Institutes.
4. Various Prestigious Science Awards of Gujarat (Vikram Sarabhai Award) and other

state awards of India.

Board of Studies (Chemistry) & Advisory Committee Member

1. Saurashtra University, Rajkot (PG Adhoc Board)
2. Banasthali Vidyapith, Banasthali – Rajasthan
3. Bhavnagar University, Bhavnagar
4. Nirma University, Ahmedabad (Joint Board of Studies in Science under Faculty of Technology, Science and Pharmacy, Advisor, Core Committee Research Initiative)
5. M. S. University (Technology Faculty – Applied Chemistry)
6. Hemchandracharya North Gujarat University, Patan

Referee-ship in Indian Universities and Abroad

1. King Abdulaziz University, Kingdom of Saudi Arabia
2. Katholieke Universiteit, Leuven, Belgium
3. Mohanlal Sukhadiya University, Rajasthan
4. Banasthali University, Banasthali, Rajasthan
5. University of Pune, Pune
6. Institute of Chemical Technology, Matunga, Mumbai
7. University of Mumbai, Mumbai
8. University of Hyderabad, Hyderabad
9. Agra University, Agra
10. University of Delhi, Delhi
11. University of Lukhnow, Lukhnow
12. University of Jammu, Jammu
13. Rajiv Gandhi Medical University, Bangalore
14. Indian Institute of Chemical Technology, Hyderabad
15. M.G. R. Medical University, Chennai
16. B. A. Ambedkar Marathawad University, Aurangabad
17. Chowdhary Charansingh University, Meerut
18. Veer Narmad South Gujarat University, Surat
19. Hemchandracharya North Gujarat University, Patan
20. Bhavnagar University, Bhavnagar
21. Gujarat Ayurvada University, Jamnagar

Projects

Summary of Completed Projects

Sr. No.	Title of the project	Funding Agency	Amount (In Lacs)
1	Synthesis of Different Series of Heterocyclic Compounds Targeted for Tyrosine Kinase Inhibiting and Other Biological Screening	Dabur Research Foundation, New Delhi	4.50
2	Structure Based Drug design, Synthesis, SAR Studies and Screening for Novel Antitubercular, Antibacterial and Antifungal Compounds (With Alembic Ltd. Vadodara)	Department of Science & Technology, New Delhi	66.80
3	Synthesis of Bioactive Compounds	SPECS-BioSpecs , The Netherlands	9.50
4	New Molecules Synthesis for HTS Screening for Astra-Zeneca	Astra-Zeneca, Bangalore	5.50
5	Interuniversity Medicinal Plant for Laboratory Nurture and Therapeutics (IMPLANT)	National Medicinal Plant Board, New Delhi	9.0
6	Structure Based Drug design, Synthesis, SAR Studies and Screening for Novel Antitubercular, Antibacterial and Antifungal Compounds (With Alembic Ltd. Vadodara)	Department of Science & Technology, New Delhi	66.80
7	Fund for Improvements for Science and Technology	Department of Science & Technology, New Delhi	18.00
8	UGC(Special Assistance Programme in Pharmaceutical Chemistry) As a Co-ordinator UGC(SAP)	University Grants Commission, New Delhi	27.00
9	National Facility for drug discovery through New Chemical Entities (NCE's) development and instrumentation support to small manufacturing pharma enterprises.	(i) DST- New Delhi, (ii) Government of Gujarat, (iii)Saurashtra University	488.80

10	Process development for some chiral derivatives into non-chiral keto acid salts and other compounds useful as pharmaceutical substances.	(i) Claris LifeSciences, (ii) Saurashtra University, (iii) DST-New Delhi.	77.24
11	"Structure-Based Development of Non-nucleoside anti-HIV-1 RT Drugs. With Prof. Virendra N. Pandey, NJ, USA & Dr. Tanaji Telele, NY, USA.	NIH - USA	188.04 (USD 447700)

Summary of On-going Projects

Sr. No.	Title of the project	Funding Agency	Amount (In Lacs)	Year of Sanction
1	Facility For Preventing Molecular Diversity	(i) DST, New Delhi (ii) MSME Foundation	10.00	2010
2	Development of deuterium labeled pharmaceutically active compounds suitable for use in pharmaceutical research	BSC - BRNS (Board of Research in Nuclear Sciences), Department of Atomic Energy, New Delhi	20.00	2010

Publications

2015

1. Bioactive benzofuran derivatives: An insight on lead developments, radioligands and advances of the last decade. Ashish Radadiya, **Anamik Shah**. European Journal of Medicinal Chemistry, 2015, 97, 356-376.
2. Mixed Pd/C and Pt/C as efficient catalysts for deuteration of Mesalamine. Sabera Bijani, Vicky Jain, Dharmarajan Padmanabhan, Bipin Pandey, **Anamik Shah**. Tetrahedron Letters, 2015, 56, 1211–1214.
3. Remote Amide-Controlled Gold-Catalyzed Stereoselective Hydroheteroarylation of Acrylamides: Access to Pyrido[3,4-b] indoles. Himanshu H. Butani, Dipak D. Vachhani, Umed C. Bhoya, **Anamik K. Shah**, and Erik V. Van der Eycken. European Journal of Organic Chemistry, 2015, 10, 2124–2128.
4. Targeting Dormant Tuberculosis Bacilli: Results for molecules with a novel Pyrimidone Scaffold. Rohit R. Joshia, Avinash Barchhaa, Vijay M. Khedkara, Raghuvir R. S. Pissurlenkara, Sampa Sarkar, Dhiman Sarkar, Rohini R. Joshic, Ramesh A. Joshic, **Anamik K. Shah** and Evans C. Coutinho. Chemical Biology & Drug Design, 2015, 85, 201–207.
5. Identification of Novel GSK1070916 Analogs as Potential Aurora B Inhibitors: Insights from Molecular Dynamics and MM/GBSA Based Rescoring. Faraz Shaikh, Soumendranath Bhakat, Abhishek Thakur, Ashish Radadia, Mahmoud E. S. Soliman and **Anamik Shah**. Letters in Drug Design & Discovery. 2015, 12, 2-13.
6. Chromatography method transfers from HPLC to a new generation instrument UPLC and studies on force degradation behavior of deflazacort. Madhavi Patel, Hetal Jebaliya, Batuk Dabhi, Yashwantsinh Jadeja, Nidhi Jani, Deepali Desai, Nirag Mavani, Bhawani Singh Yadav, and **Anamik Shah**. Der Pharmacia Lettre, 2015, 7, 142-149.
7. Targeting Dormant Tuberculosis Bacilli: Results for Molecules with a Novel Pyrimidone Scaffold. R. Joshi, A. Barchha, V. Khedkar, R. Pissurlenkara, S. Sarkar, D. Sarkar, R. Josh, R. Joshi, **A. Shah** and E. Coutinho. Chemical Biology & Drug Design, 2015, 85, 201-207.

2014

1. Microwave-Assisted One-Pot Synthesis and Anti-Biofilm Activity of 2-Amino-1H-imidazole/triazole Conjugates. S. Hans, D. Ermolat'ev, T. Trang, B. Savalia, U. Sharma, A. Weerdt, **A. Shah**, J. Van der Eycken, and E. Van der Eycken. Organic & Biomolecular Chemistry, 2014, 12, 3671-3678.
2. The Synthesis and Biological Evaluation Of New DNA-Directed Alkylating Agents. Phenyl N-mustard-4-anilinoquinoline Conjugates containing a Urea Linker. B. Marvania, R. Kakadiya, W. Christian, T.-L. Chen, M.-H. Wu, S. Suman, K. Tala, T.-C. Lee, **A. Shah** and T.-L. Su. European Journal of Medicinal Chemistry, 2014, 83, 695-708.
3. Synthesis and 3D-QSAR Study of 1,4-Dihydropyridine Derivatives As MDR Cancer Reverters. A. Radadiya, V. Khedkar, A. Bavishi, H. Vala, S. Thakrar, D. Bhavsar, **A. Shah** and E. Coutinho. European Journal of Medicinal Chemistry, 2014, 74, 375-387.
4. Recent Development in [1, 4] Benzodiazepines as Potent Anticancer Agents: A Review. R. Gill, R. Shiv, O. Kaushik, J. Chugh, S. Bansal, **A. Shah**, and J. Bariwal. Mini Reviews in Medicinal Chemistry, 2014, 14, 229-256.
5. Acid-Promoted Synthesis of Imidazolyl-Pyrazole Derivatives via a Multi component Reaction Using Ultra Sound Irradiation. B. Bharat, D. Viradiya, V. Kotadiya, R. Kakadiya, and **A. Shah**. International Letters of Chemistry, Physics and Astronomy, 2014, 11, 277-283.
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Research & Project Group



Dr. Rajesh Kakadiya



Faraz Shaikh



Ashish Radadiya



Dilip Detroja



Pratik Ambasana



Vishwa Dhinoja



Sabera Bijani



Denish Viradiya



Hetal Jebaliya



Madhavi Kundariya



Vicky Jain



Yashwantsinh Jadeja



Batuk Dabhi



Rupali Maheta



Dipti Namera



Himanshu Butani



Krunal Mehariya