

Vitae

“Discovery consists of looking at the same thing as everyone else and thinking something different.” - [Albert Szent-Györgyi](#)

9. Vitae

The author was born on 3rd July, 1979 at Rupapura, district Vadodara, Gujarat, India. He obtained S.S.C from Smt. C. R. Patel Saraswati Vidyalaya, Sarsavani & H.S.C. from H. S. Patel Highschool, Vadodara. He received B.Sc. degree in chemistry from M. B. Patel Science College, Anand in 1999 and M.Sc. degree in Organic Chemistry from Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar in 2001. He then joined Medicinal Chemistry Department at Zydus Research Centre, a division of Cadila Healthcare LTD. Ahmedabad, Gujarat, India. in May 2001 where he is currently working as a Scientist. The author contributed significantly for the development of drug **Lipaglyn™** (Saroglitazar/ZYH1) launched in India in 2013-The world's first Glitazar drug for treating diabetic dyslipidemia combines lipid and glucose lowering effects in one single molecule and is the first NCE discovered and developed indigenously by an Indian pharma company (i.e. Zydus Research Centre, Cadila Healthcare LTD.). The author is also co-inventor of several new chemical entities, which are in various stages of development for the treatment of diabetes. viz ZYD1 & ZYOG1- as a GLP-1 agonist, ZYDPLA1- as a Next generation long-acting DPP-IV inhibitor.

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List of Publications

1. Rajesh H. Bahekar, Mukul R. Jain, Ashish Goel, Dipam N. Patel, Vijay M. Prajapati, Arun A. Gupta, **Pradip A. Jadav** and Pankaj R. Patel. "Design, synthesis, and biological evaluation of substituted-N-(thieno[2,3-b]pyridin-3-yl)-guanidines, N-(1H-pyrrolo[2,3-b]pyridin-3-yl)-guanidines, and N-(1H-indol-3-yl)-guanidines" *Bioorg. Med. Chem.***2007**, *15*, 3248-3265.
2. Rajesh H. Bahekar, Mukul R. Jain, Arun A. Gupta, Ashish Goel, **Pradip A. Jadav**, Dipam N. Patel, Vijay M. Prajapati, and Pankaj R. Patel. "Synthesis and Antidiabetic Activity of 3,6,7-Trisubstituted-2-(1H-imidazol-2-ylsulfanyl) quinoxalines and Quinoxalin-2-ylisothiureas" *Arch. Pharm. Chem. Life Sci.***2007**, *340*, 359-366.
3. Rajesh H. Bahekar, **Pradip A. Jadav**, Dipam N. Patel, Vijay M. Prajapati, Arun A. Gupta, Mukul R. Jain and Pankaj R. Patel. "An improved synthesis of Fmoc-N-methyl serine and threonine" *Tett. Lett.***2007**, *48*, 5003-5005.
4. Rajesh H. Bahekar, Mukul R. Jain, **Pradip A. Jadav**, Ashish Goel, Dipam N. Patel, Vijay M. Prajapati, Arun A. Gupta, Honey Modi and Pankaj R. Patel. "Synthesis of 3,8,9 trisubstituted-1,7,9-triaza-fluorene-6-carboxylic acid derivatives as a new class of insulin secretagogues" *Bioorg. Med. Chem.***2007**, *15*, 5950-5964.
5. Rajesh H. Bahekar, Mukul R. Jain, **Pradip A. Jadav**, Vijay M. Prajapati, Dipam N. Patel, Arun A. Gupta, Ajay Sharma, Robby Tom, Debduitta Bandyopadhyay, Honey Modi and Pankaj R. Patel. "Synthesis and antidiabetic activity of 2,5-disubstituted-3-imidazol-2-yl-pyrrolo[2,3-b]pyridines and thieno[2,3-b]pyridines" *Bioorg. Med. Chem.***2007**, *15*, 6782-6795.
6. Dipam Patel, Mukul Jain, Shailesh R. Shah, Rajesh Bahekar, **Pradip Jadav**, Brijesh Darji, Yernaaidu Siriki, Debduitta Bandyopadhyay, Amit Joharapurkar, Samadhan Kshirsagar, Harilal Patel, Mubeen Shaikh, Kalapatapu V. V. M. Sairam and Pankaj Patel. "Discovery of Orally Active, Potent, and Selective Benzotriazole-Based PTP1B Inhibitors" *ChemMedChem***2011**, *6*, 1011-1016.

7. Dipam Patel, Mukul Jain, Shailesh R. Shah, Rajesh Bahekar, **Pradip Jadav**, Amit Hoharapurkar, Nirav Dhanesha, Mubeen Shaikh, Kalapatapu V. V. M. Sairam, Prashant Kapadnis. "Discovery of potent, selective and orally bioavailable triaryl-sulfonamide based PTP1B inhibitors" *Bioorg. Med. Chem. Lett.***2012**, 22, 1111-1117.
8. **Pradip Jadav**, Rajesh Bahekar, Shailesh R. Shah, Dipam Patel, Amit Joharapurkar, Samadhan Kshirsagar, Mukul Jai, Mubeen Shaikh, Kalapatapu V. V. M. Sairam. "Long-acting peptidomimetics based DPP-IV inhibitors" *Bioorg. Med. Chem. Lett.***2012**, 22, 3516-3521.
9. Kiran Shah, Dipam Patel, **Pradip Jadav**, Mubeen Shaikh, Kalapatapu V. V. M. Sairam, Amit Joharapurkar, Mukul R. Jain, Rajesh Bahekar. "Discovery of liver selective non-steroidal glucocorticoid receptor antagonist as novel antidiabetic agents" *Bioorg. Med. Chem. Lett.***2012**, 22, 5857-5862.
10. **Pradip Jadav**, Rajesh Bahekar, Shailesh R. Shah, Dipam Patel, Amit Joharapurkar, Kiran Shah, Shruti Bhardwaj, Kishan Patel, Kaushil Patel, Rajendra Chopade, Mubeen Shaikh, Kalapatapu V. V. M. Sairam and Mukul Jain. "Design of Peptidomimetics Based DPP-IV Inhibitors, Devoid of CYP liabilities" *Letters in Drug Design & Discovery***2012**, 9, 867-873.
11. Dipam Patel, Mukul Jain, Shailesh R. Shah, Rajesh Bahekar, **Pradip Jadav**, Kiran Shah, Amit Hoharapurkar, Mubeen Shaikh, Kalapatapu V. V. M. Sairam. "Peptidomimetic as Potent and Selective PTP1B Inhibitors" *Medicinal Chemistry***2013**, 9, 660-671.
12. **Pradip Jadav**, Rajesh Bahekar, Shailesh R. Shah, Dipam Patel, Amit Joharapurkar, Mukul Jai, Kalapatapu V. V. M. Sairam and Praveen Kumar Singh. "Design, Synthesis and Biological Evaluation of Novel Aminomethyl-piperidones based DPP-IV Inhibitors" *Bioorg. Med. Chem. Lett.***2014**, 24, 1918-1922.
13. Mukul R. Jain, Amit A. Joharapurkar, Rajesh Bahekar, Harilal Patel, **Pradip Jadav**, Samadhan Kshirsagar, Vishal J. Patel, Kartikkumar N. Patel, Vikram K. Ramanathan, Pankaj R. Patel and Ranjit Desai. "Pharmacological characterization of ZYDPLA1, a novel long-acting DPP-4 Inhibitor." *J. Diabetes***2014**, doi: 10.1111/1753-0407.12233.

List of Patent Publication

1. Ranjit C. Desai, Rajesh Bahekar, **Pradip Jadav**, Amitgiri Goswami, Pankaj Patel. "Title: 2-Phenyl-5-Heterocyclyl-Tetrahydro-2H-Pyrane-3-Amine Compounds for Use In the Treatment of Diabetes and Its Associated Disorders." PCT Int. Appl. **WO 2014/061031 A1**.

List of Posters

1. Bahekar R. H., Lohray V. B., **Jadav P.**, Prajapati V. and Sarkar S. S. "New drug targets for Type II Diabetes". Poster presented in 2nd RBF international Symposium, *Current Trends in Pharmaceutical Sciences: Role of Genomics and Proteomics* held at Zydus Research Centre, Ahmedabad in January 23-25, **2005**.
2. Dipam N. Patel, **Pradip A. Jadav**, Brijesh A. Darji, Yernaidu Siriki, Mukul R. Jain and Rajesh H. Bahekar. "Synthesis and Glucose Dependent Insulinotropic Activity of Substituted-Hetero-Aryl Oxazolyl Derivatives." Poster presented in 4th RBF international Symposium, *Advances in Cardiometabolic Research-Basic Science and Clinical Aspects* held at Zydus Research Centre, Ahmedabad in February 2-5, **2009**.
3. **Pradip A. Jadav**, Dipam N. Patel, Bony R. Shah, D. J. Sen, Brijesh A. Darji, Yernaidu Siriki, Mukul R. Jain, Debducta Bandyopadhyay, Amit Joharapurkar, Harilal Patel and Rajesh H. Bahekar. "Design, Synthesis and Pharmacological Evaluation of Dipeptide Based DPP IV Inhibitors as New Class of Antidiabetic Drugs." Poster presented in 4th RBF international Symposium, *Advances in Cardiometabolic Research-Basic Science and Clinical Aspects* held at Zydus Research Centre, Ahmedabad in February 2-5, **2009**.
4. Rajendra Chopade, Vijay Prajapati, Dipam Patel, **Pradip Jadav**, Brijesh Darji, Yernaidu Siriki, Ganesh Rahane, Jiterndra Padsumbiya, Dinesh Reddy, Amit Joharapurkar, Mukul Jain and Rajesh Bahekar. "Development of Proline based DPPIV Inhibitors for the treatment of Type II Diabetes." Poster presented in 5th RBF international Symposium, *Advances in Transnational Research and Medicine* held at Zydus Research Centre, Ahmedabad in Feb-1-4, **2011**.

5. **Pradip Jadav**, Rajesh Bahekar, Shailesh R. Shah, Dipam Patel, Amit Joharapurkar, Kiran Shah, Rajendra Chopade, Mubeen Shaikh, Kalapatapu V. V. M. Sairam and Mukul Jain. "Design of Peptidomimetics Based DPP-IV Inhibitors, Devoid of CYP liabilities" Poster presented in 6th RBF international Symposium, *Advances in New Drug Discovery Technologies and Trasnational Research* held at Zydus Research Centre, Ahmedabad in Feb-2-4, **2013**.
6. Dipam Patel, Shailesh Shah, Rajendra Chopade, Vijay Prajapati, **Pradip Jadav**, Kiran Shah, Mubeen Shaikh, Kalapatapu V. V. M. Sairam, Amit Joharapurkar, Mukul Jain and Rajesh Bahekar. "PTP 1B inhibitors: Discovery of DFMP-substituted phosphotyrosine mimetics" Poster presented in 6th RBF international Symposium, *Advances in New Drug Discovery Technologies and Trasnational Research* held at Zydus Research Centre, Ahmedabad in Feb-2-4, **2013**.
7. Kiran Shah, Ganes Chakrabarti, Mehul Raviya, Bhavesh Sharma, Suresh Giri, Dipam Patel, **Pradip Jadav**, Mubeen Shaikh, Kalapatapu V. V. M. Sairam, Lalabhai Patel, Mukul Jain and Rajesh Bahekar. "Discovery of novel and nonsteroidal GR antagonist" Poster presented in 6th RBF international Symposium, *Advances in New Drug Discovery Technologies and Trasnational Research* held at Zydus Research Centre, Ahmedabad in Feb-2-4, **2013**.
8. Mukul R. Jain, Amit Arvind Joharapurkar, Rajesh Bahekar, Harilal Patel, Samadhan Kshirsagar, **Pradip Jadav**, Vishal Patel, Kartikkumar Patel, Vikram K. Ramanathan, Pankaj R. Patel and Ranjit Desai. "ZYDPLA1, a Novel Long-Acting DPP-4 Inhibitor" Poster presented in ICE/ENDO 2014:16th International Congress of Endocrinology & 96th Annual Meeting and Expo of the Endocrine Society. Chicago, United States of America in June 21-24, **2014**.