

## 9. VITAE

The author was born on 12<sup>th</sup> May 1971 at pallamalli, Prakasam district, Andhra Pradesh. After obtaining S.S.C. from Nava Bharat High School, paloncha and H.S.C. from Government Junior College, Chimakurthy, he joined S.R.A & S college, Kothagudem and obtained B.Sc degree in 1991 from Kakatiya University. Later he joined Department of Chemistry, Kakatiya University, Warangal and received M.Sc degree in Organic Chemistry in 1994. He then joined Drug Discovery and Medicinal Chemistry Department at Dr. Reddy's research Foundation in June 1994 and continued till March 1999. He then moved to Penn Biochemicals, Hyderabad in April 1999. After spending a year he moved to Medicinal Chemistry Department at Zydus Research Centre, Ahmedabad in April 2000 where he is currently working as senior scientist. The author is co-inventor of the molecule ZYH7 for the treatment of dyslipidemia and diabetes for which phase-I clinical trails have been completed successfully. He is also co-inventor of an other molecule ZYI1 for the treatment of inflammation. Phase-II clinical trials were completed on this molecule. He is an active member of the teams at Dr. Reddy's research foundation and Zydus research centre involved in the development of several compounds for the treatment of metabolic and cardiovascular diseases. The author holds post graduate diploma in patent law from NALSAR university, Hyderabad. He is a member of American chemical society and also available as a reviewer for peer reviewed journals like *Tetrahedron*, *Bioorganic & medicinal chemistry letters*, *European journal of medicinal chemistry*, *Australian journal of chemistry*, *Journal of enzyme inhibition & medicinal chemistry etc.*

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### PATENTS

1. **Pingali, Harikishore;** Zaware Pandurang; Jain, Mukul, R. Novel oxime derivatives. **WO2009125434.**
2. **Pingali, Harikishore;** Makadia, Pankaj, Maganlal; Jain, Mukul, R. Substituted benzimidazoles as cannabinoid modulators. **WO 2009116074.**
3. Lohray Braj Bhushan, Lohray Vidya Bhushan, **Pingali Harikishore**, Patel Pankaj Ramanbhai. Oximinophenoxyalkanoic acid and phenylalkanoic acid derivatives. **WO2008035359.**

4. **Pingali Harikishore**, Makadia Pankaj Maganlal, Lohray Braj Bhushan, Lohray Vidya Bhushan, Patel Pankaj Ramanbhai. 1,3-Dioxanecarboxylic acids; **WO2007099553**.
5. Lohray Braj Bhushan, Lohray Vidya Bhushan, **Pingali Harikishore**. Novel antidiabetic compounds. **WO2006018855**.
6. Lohray, Braj, Bhushan; Lohray, Vidya, Bhushan; Jain, Mukul, R.; Basu, Sujay; **Pingali, Harikishore**; Raval, Saurin, K.; Raval, Preeti, S. Substituted aralkyl derivatives. **WO2004046119**.
7. Lohray Braj Bhushan, Lohray Vidya Bhushan, Jain Mukul R, Patel Gautam D, **Pingali Harikishore**. New heterocyclic compounds, process for their preparation and pharmaceutical composition containing them and their use in medicine. **WO2003087062**.
8. Anji Reddy Kallam, Vidya Bhushan Lohray, Sekhar Reddy Alla, **Harikishore Pingali**, Rajagopalan Ramanujam, Seshagiri rao Casturi. Compounds having antidiabetic, hypolipidemic, antihypertensive properties, process for their preparation and pharmaceutical compositions containing them. **US5925656**.

#### PUBLICATIONS

1. **Harikishore Pingali**, Mukul Jain, Shailesh Shah, Pankaj Makadia, Pandurang Zaware, Jeevankumar Jamili, Kalapatapu V. V. M. Sairam, Pravin Patil, Dinesh Suthar, Suresh Giri, Harilal Patel and Pankaj Patel. Design and Synthesis of Novel 1,3-Dioxane-2-carboxylic acid Derivatives as PPAR $\alpha/\gamma$  Dual Agonists (Communicated).
2. **Harikishore Pingali**, Mukul Jain, Shailesh Shah, Pandurang Zaware, Pankaj Makadia, Suresh Pola, Baban Thube, Darshit Patel, Pravin Patil, Priyanka Priyadarshini, Dinesh Suthar, Maanan Shah, Suresh Giri and Pankaj Patel Design and synthesis of novel bisoximinoalkanoic acids as potent PPAR $\alpha$  agonists *Bioorg. Med. Chem. Lett* **2010**, *20*, 1156-1161.
3. **Harikishore Pingali**, Mukul Jain, Shailesh Shah, Pravin Patil, Pankaj Makadia, Pandurang Zaware, Kalapatapu V. V. M. Sairam, Jeevankumar Jamili, Ashish Goel, Megha Patel, and Pankaj Patel. Modulation of PPAR receptor sub type selectivity of the ligands: Aliphatic chain vs aromatic ring as a spacer between pharmacophore and the lipophilic moiety. *Bioorg. Med. Chem. Lett* **2008**, *18*, 6471-6475.
4. **Harikishore Pingali**, Mukul Jain, Shailesh Shah, Sujay Basu, Pankaj Makadia, Amitgiri Goswami, Pandurang Zaware, Atul Godha, Suresh Giri, Ashish Goel, Megha Patel, Harilal

- Patel and Pankaj Patel. Discovery of a highly orally bioavailable *c*-5-[6-(4-Methanesulfonyloxyphenyl)hexyl]-2-methyl-1,3-dioxane-*r*-2-carboxylic acid as a potent hypoglycemic and hypolipidemic agent. *Bioorg. Med. Chem. Lett* **2008**, *18*, 5586-5590.
5. **Harikishore Pingali**, Mukul Jain, Shailesh Shah, Pankaj Makadia, Pandurang Zaware, Ashish Goel, Megha Patel, Suresh Giri, Harilal Patel and Pankaj Patel. Design and Synthesis of Novel Oxazole Containing 1,3-Dioxane-2-carboxylic acid Derivatives as PPAR $\alpha/\gamma$  Dual Agonists. *Bioorg. Med. Chem.* **2008**, *16*, 7117-7127.
  6. **Harikishore Pingali**, Saurin Raval, Preeti Raval, Pankaj Makadia, Pandurang Zaware, Ashish Goel, Dinesh Suthar, Mukul Jain, Pankaj Patel. Novel oxazole containing phenylpropane derivatives as peroxisome proliferator activated receptor agonists with hypolipidemic activity. *Pharmazie* **2008**, *63*, 497–502.
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## POSTERS

1. **Harikishore Pingali**, Mala Shah, Vidya Bhushan Lohray, Archana Patel, Mukul R. Jain Novel Alpha- alkoxy- beta- naphthyl- propanoic acid derivatives as hypolipidemic agents. Poster presented at RBF 1<sup>st</sup> international symposium on Recent trends in Pharmaceutical Sciences held at Zydus Research Centre, Ahmedabad in January 2003.
2. Umrani R.D., Srinivasan M.R., Patel A.V., Sangle G.V., **Pingali H. K.**, Lohray V.B., Jain M.R. Pre-clinical efficacy of Tesaglitazar in various animal models of dislipidemia or insulin resistance.. Poster presented at RBF 1<sup>st</sup> international symposium on Recent trends in Pharmaceutical Sciences held at Zydus Research Centre, Ahmedabad in January 2003.
3. Patel A.V., Umrani R.D., Srinivasan M.R., Sangle G.V., Majithiya J.B., **Pingali H. K.**, Thombre P.S., Lohray V.B., Jain M.R. Comparison of hypolipidemic effects of different PPAR agonists in male Swissalbino mice. Poster presented at RBF 1<sup>st</sup> international symposium on Recent trends in Pharmaceutical Sciences held at Zydus Research Centre, Ahmedabad in January 2003.
4. Shekar C.S., Sadik M., Jeyamurugan M., Chandra N., Kansara P., Nigam S.K., **Pingali H. K.**, Lohray V.B., Jain M.R. Comparison of Hematological, Biochemical and organ weight changes in Sprague Dawley Rats after repeated administration of various PPAR agonists. Poster presented at RBF 1<sup>st</sup> international symposium on Recent trends in Pharmaceutical Sciences held at Zydus Research Centre, Ahmedabad in January 2003.
5. Balareddy, K.S. Nandakumar, Hemlata Tiwari, Devansh Dave, **Harikishore Pingali**, Vidya Lohray Basal cytotoxicity determination of Tesaglitazar in mammalian cell cultures. Poster presented at RBF 1<sup>st</sup> international symposium on Recent trends in Pharmaceutical Sciences held at Zydus Research Centre, Ahmedabad in January 2003.
6. **Harikishore Pingali**, Saurin Raval, Vidya Bhushan Lohray, Mukul R. Jain Synthesis and hypolipidemic activity of Oxazole containing aralkyl derivatives. Poster presented at RBF 2<sup>nd</sup> international symposium on Recent trends in Pharmaceutical Sciences held at Zydus Research Centre, Ahmedabad in January 2005.
7. **Harikishore Pingali**, Pankaj Makadia, padurang Zaware, Ashish Goel, Megha Patel and Pankaj Patel Converting dual PPAR  $\alpha/\gamma$  dual agonist to selective  $\alpha$  agonist: Design and synthesis. Poster presented at RBF 3<sup>rd</sup> international symposium on Recent trends in Pharmaceutical Sciences: Advances in diabetes therapy- basic science and clinical aspects held at Zydus Research Centre, Ahmedabad in February 2007.

8. Megha Patel, Dinesh Suthar, **Harikishore Pingali** and Ashish Goel Pioglitazone acts as a selective partial agonist for human PPAR. Poster presented at *RBF 3<sup>rd</sup> international symposium on Recent trends in Pharmaceutical Sciences: Advances in diabetes therapy- basic science and clinical aspects* held at Zydus Research Centre, Ahmedabad in February 2007.
  
9. Suresh Giri, Kashyap Pathak, Lala patel, Girish Joshi, Jitendra Patel, Praful Patel, **Harikishore Pingali**, Amitgiri Goswamy, Megha Patel Ashish Goel and Mukul Jain. Pharmacological profile of novel highly potent and balanced PPAR  $\alpha/\gamma$  dual agonist. Poster presented at *RBF 3<sup>rd</sup> international symposium on Recent trends in Pharmaceutical Sciences: Advances in diabetes therapy- basic science and clinical aspects* held at Zydus Research Centre, Ahmedabad in February 2007.