Resume

1. Name of the faculty

Dr. Suresh Thareja

2. Designation and specialization

Assistant Professor (Pharmaceutical Chemistry)

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3. Educational qualification

M. Pharm. Ph.D.

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5. Date of joining

January 16, 2012

6. List of publication/patents (National and international)

- **Suresh Thareja,** Saurabh Aggarwal, Tilak Raj Bhardwaj and Manoj Kumar,

"Protein Tyrosine Phosphatase 1B inhibitors: A Molecular Level Legitimate Approach for the Management of Diabetes Mellitus" **Med. Res. Rev.** 32 (2012) 459-517 (**Impact Factor: 10.228)**

- **Suresh Thareja,** Saurabh Aggarwal, Tilak Raj Bhardwaj and Manoj Kumar, "Self Organizing Molecular Field Analysis on a series of Human 5α-Reductase Inhibitors: Unsaturated 3-Carboxysteroid," **Eur. J. Med. Chem.** 44 (2009) 4920- 4925 (**Impact Factor: 3.269**)
- **Suresh Thareja**, Ganesh R. Kokil**,** Saurabh Aggarwal, Tilak Raj Bhardwaj and Manoj Kumar, "Sulphonamides as Inhibitors of Protein Tyrosine Phosphatase 1B (PTP 1B): A 3D-QSAR Study Using SOMFA Approach," **Chem. Pharm. Bull.** 58 (2010) 526-532 (**Impact Factor: 1.698**)
- **Suresh Thareja,** Saurabh Aggarwal, Tilak Raj Bhardwaj and Manoj Kumar, "Self Organizing Molecular Field Analysis of 2, 4-Thiazolidinediones: A 3D-QSAR Model for the Development of Human PTP 1B Inhibitors" **Eur. J. Med. Chem.** 45 (2010) 2537- 2546 (**Impact Factor: 3.269**)
- **Suresh Thareja,** Saurabh Aggarwal, Tilak Raj Bhardwaj and Manoj Kumar, "Saxagliptin: A New Drug for the Treatment of Type 2 Diabetes" **Mini Rev. Med Chem.** 10 (2010) 759-765 (**Impact Factor: 2.971**)
- **Suresh Thareja**, Prarthana V. Rewatkar, Sandeep Gosain, Arunima Verma, Atin Kalra and Ganesh R. Kokil, "Novel Chromenimidazole Derivatives as Antifungal: Synthesis and In Vitro Evaluation," **Acta Pol. Pharm. Drug Res.** 67 (2010) 423-427(**Impact Factor: 0.347**)
- Saurabh Aggarwal, **Suresh Thareja**, Tilak Raj Bhardwaj and Manoj Kumar, "3D-QSAR studies on unsaturated 4-azasteroids as human 5α-reductase inhibitors: A self organizing molecular field analysis approach," **Eur. J. Med. Chem.** 45 (2010) 476- 481 (**Impact Factor: 3.269**)
- **Suresh Thareja**, Saurabh Aggarwal, Tilak Raj Bhardwaj and Manoj Kumar, "3D-QSAR studies on arylidine thiazolidinedione as aldose reductase Inhibitors: A Self Organizing Molecular Field Analysis Approach," **Med. Chem. 6** (2010) 30- 36 (**Impact Factor: 1.642**)
- Saurabh Aggarwal, **Suresh Thareja**, Tilak Raj Bhardwaj and Manoj Kumar, "Self Organizing Molecular Field Analysis on Pregnane derivatives as Human Steroidal 5α-Reductase Inhibitors," **Steroids** 75 (2010) 411-418 (**Impact Factor: 2.905**)
- **Suresh Thareja,** Saurabh Aggarwal, Tilak Raj Bhardwaj and Manoj Kumar, "Self-Organizing Molecular Field Analysis on Pyridazine Analogues as Protein Tyrosine Phosphatase 1B (PTP 1B) Inhibitors" **Lett. Drug Des. Disc.** 6 (2010)395-401 (**Impact Factor: 0.805**)
- Ganesh R. Kokil, Prarthana V. Rewatkar, Sandeep Gosain, Arunima Verma, Atin Kalra and **Suresh Thareja**, "Synthesis and in Vitro Evaluation of Novel 1, 2, 4-Triazole derivatives as Antifungal Agent," **Lett. Drug Des. Disc.** 7 (2010) 46-49 (**Impact Factor: 0.805**)

- **Suresh Thareja**, Saurabh Aggarwal, Abhilasha Verma, Tilak Raj Bhardwaj and Manoj Kumar, "3D QSAR Studies on 1, 3, 4-Thiadiazole Derivatives: An Approach to Design Novel Anticonvulsants," **Med. Chem. 6** (2010) 233-238 (**Impact Factor: 1.642**)
- **Suresh Thareja,** Saurabh Aggarwal, Tilak Raj Bhardwaj and Manoj Kumar, "Saxagliptin: A New Drug for the Treatment of Type 2 Diabetes" **Mini Rev. Med Chem.** 10 (2010) 759-765 (**Impact Factor: 2.971**)

7. List of Presentation (National and international)

- **Suresh Thareja**, Saurabh Aggarwal, Manoj Kumar and Tilak Raj Bhardwaj**, "Self-Organizing Molecular Field Analysis on a Series of Aldose Reductase Inhibitors: 5-Arylidine-2, 4-thiazolidinedione"**, 60th Indian Pharmaceutical Congress held at New Delhi, (Poster No.MC-17; Dec. 2008) **(BEST PAPER AWARD**)
- **Suresh Thareja**, Saurabh Aggarwal, Manoj Kumar and Tilak Raj Bhardwaj**, "Self-Organizing Molecular Field Analysis on a Novel Class of Human Protein Tyrosine Inhibitors (h-PTP 1B) Inhibitors for the Management of Diabetes Mellitus"**, 30th IABMS held at Chandigarh **(2nd BEST PAPER AWARD**) (Oral: OP-2; Nov. 2009
- **Suresh Thareja**, Saurabh Aggarwal, Manoj Kumar and Tilak Raj Bhardwaj**, "Ligand based design, synthesis and insilico evaluation of novel steroidal 5α-Reductase Inhibitors for the management of benign prostatic hyperplasia"**, Silver Jubilee Conference of IPGA, Moga, Punjab **(3rd BEST PAPER AWARD**) (Poster No. B-1; Nov. 2009)
- **Suresh Thareja,** Saurabh Aggarwal, Abhilasha Verma, Saurabh Srivastava, Manoj Kumar and Tilak Raj Bhardwaj, **"Self-Organizing Molecular Field Analysis (SOMFA) on a Series of Human Protein Tyrosine Inhibitors (h-PTP 1B) Inhibitors: Formylchromones**". **2009 AAPS annual meeting and exposition, Los Angeles, California, USA** (Poster No. T 3211; Nov. 2009)
- **Suresh Thareja**, Megha Misra, Saurabh Aggarwal, Priyanka Malla, Manoj Kumar and Tilak Raj Bhardwaj, "**Design of novel aldose reductase inhibitors using computer aided drug design (CADD)**", International conference on Innovative technologies (ICIT-09) held at PDM college of Engineering, Bahadurgarh, India (Poster No. 379; June 2009)
- **Suresh Thareja**, Saurabh Aggarwal, Neelima Dhingra, Manoj Kumar and Tilak Raj Bhardwaj, **"SOMFA Based Design, Synthesis and Evaluation of Novel Azasteroidal 5α-Reductase Inhibitors"**, NC-IDDR, held at Panjabi University, Patiala, INDIA (Poster No. CHN-P5;

Mar. 2009)

- **Suresh Thareja** and Tilak Raj Bhardwaj, **"Self Organizing Molecular Field Analysis on a New Series of Protein Tyrosine Phosphatase 1B (PTP 1B) Inhibitors: 1, 2-Naphthoquinone"** Poster No. 265**,** 12th International Conference on the Interface of Chemistry-Biology in Biomedical Research held at BITS Pilani (Poster No. 117; Feb. 2008)
- **Suresh Thareja**, Narsingh Sachan, Ritesh Agrawal, Shivajirao S. Kadam and Vithal M. Kulkarni, "**Synthesis, Antihyperglycemic activity and QSAR of 5-benzylidene-2, 4-thiazolidinediones**" 59th Indian Pharmaceutical Congress held at Varanasi (Poster No. B-88; Dec. 2007)

8. Books published : **Nil**

9. Research Project details: **Nil**

10. Research area (Interest)

Design and development of novel chemical entities against various biological targets