

**Sonali Rudra, PhD**  
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- Seasoned medicinal chemist and drug discovery professional with more than 25 years of experience in pre-clinical R&D in Pharmaceutical companies/CROs in India and Graduate schools in USA.
- Worked in the therapeutic areas such as inflammation, anti-infectives, pain, oncology, CNS, and molecular recognition, and involving multiple-pharmacological targets like ion-channels, enzymes, GPCR's, kinases, PPI, Protein degraders etc.
- Experience in driving Medicinal Chemistry projects from concept to clinic. Successful track record of leading team of scientists for discovery/development of 6 pre-clinical molecules, and three clinical candidates. Co-inventor in a patent for a Phase-I anti-infective compound Ranbezolid<sup>a</sup> and inventor of another Phase 2a clinical compound (ASN008) from collaborative research with Endo Pharmaceuticals (Asana Biosciences) in the area of pain management. Co-author in the publication for the discovery of Phase-I compound KB-0742 from a collaborative project with KronosBio.
- Research work has been recorded in 19 patent applications, 13 publications and 24 abstracts.
- Highly motivated and extremely passionate in finding new drug molecules for the unmet medical need in different diseases. Also, interested to improve the efficiency and success rate in new drug discovery research processes and process optimizations for scale-up. Wish to use my research experience, intelligence and knowledge to teach and train young minds in the field of Medicinal Chemistry/New Drug Discovery Research so that young professionals are produced in the country who are well groomed to adapt and sail through the dynamic demands and current trends in Science and Technology.

#### SKILLS:

**Scientific:** Medicinal chemistry, Lead generation and lead optimization, Organic synthesis, Parallel library synthesis, Molecular Modelling. Structure based drug design and Ligand based drug design, Analytical Chemistry, Intellectual Property. Leadership of team of synthetic chemists, drug discovery working groups and multi-disciplinary transition teams.

**Managerial:** Leadership, Innovation, Team Management, Problem Solving, Client communications, Business development, Grooming Team members for Skills development, Mentoring, Scientific value addition for business development, Interviewing/HR, Organizational processes optimizations, Conflict management.

#### INDUSTRIAL EXPERIENCE:

**Associate Director** - Senior Principal Research Scientist: TCG Life Sciences, Kolkata, April2016-Jul2023:

- Supervision of a team of chemists to provide Medicinal chemistry support for few oncology projects for an USA based BioTech company. Involves synthesis of complex diastereomerically pure tricyclic compounds, heterocyclic compounds, Protacs and Bi-functional Degradable libraries. Photosensitive compounds and Iridium catalysts.
- Led a team of chemists to synthesize challenging Cyclodextrin derivatives and coordinate for their in-vivo Pharmacokinetic analysis at Biology Deptt.
- Problem solving and strategizing the synthesis of compounds as Medicinal Chemistry support and led the team to synthesize API impurities in gram scales
- Co-guide for two PhD candidates for their part-time industrial PhD at Calcutta university
- Leading the House of Training programme at TCGLS. Designed the training module, implemented and successful monitoring for uniform training of MSc freshers to confirmed FTE chemists. This training module won an HR award at NIPM, India
- Have initiated discussions in two new verticals in the area of Herbals and Cosmeceuticals, and Nano-formulations.
- Chairperson for the Prevention of Sexual Harassment Committee at TCGLS.
- Interviewing scientists for recruitment in the organization.
- Delivered an invited lecture at North Bengal University, Siliguri in April 2017, for their National Seminar Day.
- Delivered an invited lecture at IIM, Calcutta for their Health care management students as part of Industry Leadership Talks, 01 Feb 2020.

**Group Lead:** Chembiotek, TCG Life Sciences, Kolkata, Sept 2008 – March 2016

- Project leader for collaborative medicinal chemistry projects in the area of pain, urology and custom synthesis projects for global pharmaceutical clients. Experienced in leading and managing projects with collaborators from across the globe, i.e., from countries such as USA, Germany and Japan.
- One of the significant achievements in this tenure was to lead the medicinal chemistry effort of a team of 6-8 chemists to design, strategize the chemistry and synthesize a gated ion-channel blocker in the area of pain, and produce a development candidate and a back-up compound within a short span of two years. Involved hit identification via scaffold hopping, lead generation and lead optimization followed by scale-up for non-GLP Tox. Led the team to synthesize over 400 charged (cationic) compounds in this period. Also, involved in managing the goals and milestones for the project by regular interaction with in vitro Biology and in vivo Pharmacology teams and regular tele-conferences or video conferences with the collaborator.
- Led a team of chemists to support the medicinal chemistry for a protein-protein interaction project.
- Involved solid-phase and solution phase synthesis of peptides, synthesis of macrocycle intermediates and other heterocyclic compounds.
- Managed very high productivity among chemists such that the productivity metrics were higher than organization bench-mark and in some years highest also.
- Additional activities include leading the exploratory medicinal chemistry (EMC) team of 6-8 senior scientists to scout targets, profile the literature landscape, and put together a compound design/chemistry strategy proposal.
- Also, led the analytical chemistry task force comprising 10 senior members of the organization to streamline the communications/issues between analytical chemists and synthetic chemists.
- Initiating and implementing Reverse Phase CombiFlash technique at TCGLS.
- Interviewing chemists and scientists for recruitment in the organization.
- Chairperson of the anti-sexual harassment committee in the organization.

**Group Leader:** Medicinal Chemistry, New Drug Discovery Research, Ranbaxy Research Laboratories, Gurgaon, India; Feb 2005- Aug 2008.

- Project Leader and discovery group leader for an Inflammation project. Developed compound library screening hits to pre-clinical compounds by a) bringing in dual enzyme activity, (b) optimization of pharmacokinetic properties to improve bioavailability and reduce tissue distribution, reduce CYP and improve solubility. Compounds were scaled-up for mechanism-based side effects profiling. Physico-chemical property based optimizations were also done.
- Led the group of 8-10 scientists to strategize the chemistry, design, synthesize, problem solving and develop new chemical entities (NCEs) for the inflammation project. Strong interaction with CADD group for design of NCEs. Led the group to synthesize over 350+ NCEs.
- Transition team co-leader to lead and coordinate between various cross functional departments such as Pharmacology Deptt, Metabolism and Pharmacokinetics Deptt, Toxicology Deptt, NCE scale-up group to take potential lead candidates from discovery to development.
- Prior to that project leader of antibacterial oxazolidinones project. Transitioned 2 NCEs from discovery to pre-clinical development.
- Additional function included to serve as a link between Herbal Deptt and Medicinal Chemistry Deptt, to evaluate and identify hit molecules from Herbal sources for Medicinal Chemistry optimizations. Two such molecules from herbal sources were selected by me for synthesis.

**Senior Research Scientist:** Medicinal Chemistry, New Drug Discovery Research, Ranbaxy Research Laboratories, Gurgaon, India; April 2002- Feb 2005.

- Worked in the bench and led a small group of scientists as well to design, synthesize and develop NCEs for antibacterial oxazolidinone project.
- Discovery Working Group Team Leader from 2003 onwards. Led the group to transition two NCEs from discovery to pre-clinical development.
- Supervised the research work of PhD and MSc scientists.

**Research Scientist:** Medicinal Chemistry, New Drug Discovery Research, Ranbaxy Research Laboratories, Gurgaon, India; Jan 1999 - April 2002.

- Worked in the bench to design, and synthesize NCEs for antibacterial oxazolidinone project.
- Inventor of the pre-clinical molecule RBx 8700 and co-inventor in the patent for the clinical candidate Ranbezolid.
- Supervised the research of MSc chemists.

#### **ACADEMIC EXPERIENCE:**

**Business Management Certification** (Executive Program in General Management) from IIM Lucknow, 2015-2016.

**Ph.D.:** Chemistry, Jamia Milia Islamia and Ranbaxy, New Delhi; 2002-2005.

- “Design, Synthesis and Biological Evaluation of Novel Bio-Active Molecules”. Work carried out on oxazolidinone antibacterial agents was submitted for the degree.

**M.S.:** Medicinal Chemistry, State University of New York at Buffalo, USA; 1994-1998, (GPA = 3.6/4.0), supervisor: Dr A. V. Eliseev.

- *Research:* “Synthesis and Physicochemical Studies of an Enzyme Labile Supramolecular Complex.” Organic synthesis, ion-exchange chromatography, UV, HPLC, <sup>1</sup>H and <sup>31</sup>P NMR, some enzyme-kinetics and molecular modeling.
- *Teaching:* Instrumental Analysis (Graduate & Undergraduate laboratory course)

**M.S.:** Pharmaceutical Sciences with specialization in Medicinal Chemistry, Northeast Louisiana University, Monroe, Louisiana, USA; 1991-1994; GPA = 3.8/4.0, supervisor: Dr R. A. Hill.

- *Research:* “Synthesis of Hydroxyl-substituted Sulfonylurea Derivatives towards the Development of CNS Selective ATP-Sensitive Potassium Channel Modulators.” Involved design and synthesis of few hydroxyl-substituted derivatives of sulfonylureas to find compounds with activity at the sulfonylurea receptor in the CNS and also with the characteristic to be rapidly cleared from the peripheral circulation by Phase-II metabolism.
- *Teaching:* Parenteral Therapy Laboratory (Undergraduate Pharmacy laboratory course).

**B.Pharm. (Hons):** Birla Institute of Technology & Sciences, Pilani, India, 1987-1991, with highest honors in Pharmacy (CGPA = 8.6/10).

- *Practical Training* (Practice School II, BITS C412): “Synthesis of Bioactive Peptides,” with Dr K. B. Mathur, Head, Div. Of Biopolymers (currently retired), Central Drug Research Institute, Lucknow, India, Jan- June 1991. Synthesis of a pentapeptide and a novel hexapeptide in solution phase.
- *Summer Training:* “Preparation of senna extract powder from *Cassia angustifolia Vahl* and an overview of the factory,” Infar (India) Ltd.; Kolkata, India (then Indian subsidiary of Organon International, Netherlands), June- July 1990.
- *Study Oriented Project* (BITS C323): “Quantitative Structure Activity Relationship study of benzodiazepines and antifungal cinnamic acid derivatives,” with Dr. S. K Ray, Dept of Biology, Birla Institute of Tech & Science, Aug-Dec 1989.
- *Summer Training* (Practice School I, BITS C221): “Thin Film Fabrication of Nuclear Targets by Centrifugal Technique for use in Variable Energy Cyclotron,” Bhabha Atomic Research Center, Calcutta, India, May 26- July 20 1989.

#### AWARDS/RECOGNITIONS:

- International Outstanding Researcher Award from ASTRA 2023-Asia Research Awards, awarded on 01<sup>st</sup> Jul 2023.
- Spotlight published about my academic achievements in the magazine “Corporate Citizen” in Jan 2019.
- Team achievement award for a developmental candidate from Endo Pharmaceuticals in 2012, at TCG Life Sciences.
- Biography published in Marquis Who’s Who in the World for 2009-2015.
- Nominated for Team Excellence award in Ranbaxy, 2006.
- Indian Drug Manufacturers Association G.P. Nair Award, October 1991.
- Maharana Mewar Foundation Award (Gold Medal), October 1991.

#### AFFILIATIONS:

- Member of the American Chemical Society till 2008, and again from 2018 to till date
- Advisory board member for BIT’s Annual International Conference in Med Chem, China, from 2011 to 2016.

**COMPUTER APPLICATIONS:** Proficient in usual Microsoft Office softwares, Scifinder, Bielstein, ACD database, MOE, Lotus Notes, Accord for Excel, ISIS Excel.

**TRAINING COURSES:** Attended many Management Development Programs in Leadership, Team building, Innovation, Influencing skills, Mentorship and Coaching, and Emotional Intelligence, etc.; and Med Chem India 2013 organized by ACS.

#### PUBLICATIONS:

1. David B. Freeman,\* Tamara D. Hopkins, Peter J. Mikochik, Joseph P. Vacca, Hua Gao, Adel Naylor-Olsen, **Sonali Rudra**, Huixu Li, Marius S. Pop, Rosa A. Villagomez, Christina Lee, Heng Li, Minyun Zhou, Douglas C. Saffran, Nathalie Rioux, Tressa R. Hood, Melinda A. L. Day, Michael R. McKeown, Charles Y. Lin, Norbert Bischofberger, and B. Wesley Trotter; Discovery of KB-0742, a Potent, Selective, Orally Bioavailable Small Molecule Inhibitor of CDK9 for MYC-Dependent Cancers. *Journal of Medicinal Chemistry*, **2023**, <https://doi.org/10.1021/acs.jmedchem.3c01233>

- Ayon Sengupta, Suwendu Maity, Pinaki Saha, Prasanta Ghosh, **Sonali Rudra\***, Chhanda Mukhopadhyay\*, Diastereo- and regioselective petasis aryl and allyl boration of ninhydrins towards synthesis of functionalized indene-diones and dihydrobenzoindeno-oxazinones. *Molecular Diversity*, **2022**, published online. <https://doi.org/10.1007/s11030-022-10496-4>.
- Md. Akram Ali, Rajib Chakraborty, Susanta Kumar Mondal, Supriya Bhunia, Sabyasachi Chakraborty, Subhas Samanta\*, **Sonali Rudra\***, Synthesis, anti-cancer activity and molecular docking studies of new nicotinamide containing EP4 antagonists. *Journal of Molecular Structure*, **2022**, 1260, 132730. *Winner of the International Outstanding Asia Research Awards, ISSN, World Research Council, July 2023*.
- Ayon Sengupta, Piyali Sarkar, Suwendu Maity, Soumyadip Basu, Prasanta Ghosh, **Sonali Rudra**, and Chhanda Mukhopadhyay.\* Synthesis of  $\delta,\delta$ -Diaryl- $\alpha$ -cyanoacrylamides and  $\delta,\delta$ -Diarylallylidene Malononitriles by Pd(OAc)<sub>2</sub>Catalyzed Mizoroki-Heck Reaction. *Chemistry Select*, **2021**, 6, 11047-11053.
- Sengupta Ayon, Maity Suwendu, Mondal Animesh, Ghosh Prasanta, **Rudra Sonali\***, Mukhopadhyay chhanda\*; "Pseudo five component reaction towards densely functionalized spiro[indole-3,2'-pyrrole] by picric acid, an efficient syn-diastereoselective catalyst: insight into the diastereoselections on c(sp<sup>3</sup>)-c(sp<sup>3</sup>) axial conformation". *Organic and Biomolecular chemistry* (2019), 17(5), 1254-1265.
- Lalitha Vijaykrishnan,\* **Sonali Rudra**, Mathew S Eapen, Sunanda Dastidar, Abhijit Ray, "Small-molecule inhibitors of PDE-IV and -VII in the treatment of respiratory diseases and chronic inflammation," *Expert Opinion in Investigational Drugs*, **2007**, 16(10), 1585-1599. *Listed in Daily Updates, UK*.
- Sonali Rudra,\*** Ajay Yadav, A.V. S Raja Rao, A. S. S. V. Srinivas, Manisha Pandya, Pragya Bhateja, Tarun Mathur, Sunita Malhotra, Ashok Rattan, Mohammed Salman, Anita Mehta, Ian A. Cliffe, Biswajit Das; "Synthesis and antibacterial activity of potent heterocyclic oxazolidinones and the identification of RBx 8700," *Bioorganic & Medicinal Chemistry Letters*, **2007**, 17, 6714-6719. *Ranked 17th in the Hottest Top 25 articles within the journal for the fourth quarter of 2007*.
- Sonali Rudra,\*** Fnu Sangita, Arti Gujrati, Manisha Pandya, Pragya Bhateja, Tarun Mathur, Smita Singhal, Ashok Rattan, Mohammed Salman, Biswajit Das; "Synthesis and Antibacterial Activity of Novel Oxazolidinones with Methylene Oxygen- and Methylene Sulphur-linked Substituents at C5-position," *Bioorganic & Medicinal Chemistry Letters*, **2007**, 17, 4778-4783.
- Biswajit Das,\* **Sonali Rudra,\*** Ajay Yadav, Abhijit Ray, A. V. S. Raja Rao, A. S. S. V. Srinivas, Ajay Soni, Suman Saini, Shalini Shukla, Manisha Pandya, Pragya Bhateja, Sunita Malhotra, Tarun Mathur, S. K. Arora, Ashok Rattan, Anita Mehta; "Synthesis and SAR of novel oxazolidinones: Discovery of ranbezolid," *Bioorganic & Medicinal Chemistry Letters*, **2005**, 15, 4261-4267. *Ranked 10th in the Hottest Top 25 articles within the journal for the third quarter of 2005*.
- Hill, R. A.\* **Rudra, S.**; Peng, B.; Roane, D. S.; Bounds, J. K.; Zhang, Y.; Adloo, A. A.; Lu, T. "Hydroxyl-Substituted Sulfonylureas as Potent Inhibitors of Specific [3H] Glyburide Binding to Rat Brain Synaptosomes." *Bioorganic & Medicinal Chemistry*, **2003**, 11, 2099-2113.
- Sonali Rudra**, Alexey V. Eliseev,\* "Enzyme-Controlled Molecular Recognition: Selective Targeting of Trypsin with substrate-Inhibitor Complex," *Journal of the American Chemical Society*, **1998**, 120 (45), 11543-11547.
- S. K. Ray,\* K. L. Premkanth, R. Chandrashekhar, M. V. S. Murthy, V. Sridhar, S. L. Narasimhan, **Sonali Rudra**, "Design of Potent antifungal cinnamic acid derivatives: a comparative multiparametric QSAR study involving newly developed electronic parameters-residual information Flow (RIF) and Residual Electronic Flow (REF)," *Medical Science Research (London)*, **1991**, 19, 759-763.
- S. K. Ray,\* Sudhir Kumar, Mohit Sibal, **Sonali Rudra**, "Residual Information Flow: a newly developed electronic parameter, in the QSAR study of antifungal cinnamic acid derivatives," *Medicinal Science Research (London)*, **1990**, 18, 341-343.

#### COMMUNICATIONS IN CONFERENCES:

- Sengupta Ayon, Mondal Animesh, Maity Suwendu, Ghosh Prasanta, **Rudra Sonali\***, Mukhopadhyay Chhanda\*; "Pseudo five component reaction towards densely functionalized spiro[indole-3,2'-pyrrole] by an efficient syn-diastereoselective catalyst – picric acid. An insight into the diastereoselection on c(sp<sup>3</sup>)-c(sp<sup>3</sup>) axial conformation". Paper presented at the 257<sup>th</sup> ACS National Meeting and Exposition, Orlando, Florida, Mar 31- Apr 04, 2019.
- Sonali Rudra,\*** Ajay Yadav, A. V. S. Raja Rao, Abhijit Ray, A. S. S. V. Srinivas, Shalini Shukla, Suman Saini, Ajay Soni, S. K. Arora, Ashok Rattan, Manisha Pandya, Pragya Bhateja, Sunita Malhotra, Anita Mehta, Biswajit Das, "Synthesis and SAR of Novel Oxazolidinones," poster presented at the 227<sup>th</sup> American Chemical Society meeting at Anaheim, CA, March 2004
- Sonali Rudra**, Ronald A. Hill,\* David S. Roane, "Synthesis of Hydroxyl-Substituted Sulfonylureas: Towards the Development of CNS-Selective ATP-Sensitive Potassium Channel Modulators," poster presented at the 202<sup>nd</sup> American Chemical Society meeting at Washington D.C., Aug 1994.
- Sonali Rudra**, Ronald A. Hill, David S. Roane, "Synthesis of Hydroxyl-Substituted Sulfonylureas: Towards the Development of CNS-Selective ATP-Sensitive Potassium Channel Modulators," oral presentation at the MALTO Medicinal Chemistry regional meeting, Houston, Texas, May 1994.

5. S. K. Ray, Sudhir Kumar, Mohit Sibal, **Sonali Rudra**, "Characterization of chemical structures by information theoretic electronic parameter and its application on antifungal cinnamic acid derivatives," oral presentation at the 77<sup>th</sup> Indian Science Congress, Feb 1990, Cochin, India.

#### CO-AUTHOR OF POSTERS:

1. S. Ahmed, T. Mathur, S. Singhal, P. Bhateja, S. Khan, K. Purnaptare, S. Dube, M. Pandya, **S. Rudra**, Yadav, S. Ghosh, D. Upadhyay, B. Das, P. Bhatnagar, "Synthesis and SAR of novel bi-aryl oxazolidinones with potential antibacterial activity," 46th Interscience Conference on Antimicrobial Agents and Chemotherapy, 2006, San Francisco, USA.
2. T. Mathur, S. Singhal, S. Khan, D. Upadhyay, A. Yadav, **S. Rudra**, B. Das, A. Rattan; "Ranbezolid (RBx 7644) has concentration dependent bactericidal activity against anaerobes," F-1416 44th Interscience Conference on Antimicrobial Agents and Chemotherapy, 2004, Washington D. C., USA.
3. T. Mathur, S. Singhal, S. Khan, A. Yadav, **S. Rudra**, B. Das, D. Upadhyay, A. Rattan; "Effect of Ranbezolid (RBx-7644) on Formation of Staphylococcal film," F-1415, 44th Interscience Conference on Antimicrobial Agents and Chemotherapy, 2004, Washington D. C., USA
4. R. Sood, M. Rao, S. Malhotra, T. Bhadauriya, S. Malhotra, P. Bhateja, M. Pandya, **S. Rudra**, B. Das, D. Upadhyay, A. Rattan; "RBx 8700, A novel oxazolidinone against community acquired respiratory tract infections," F-1414, 44th Interscience Conference on Antimicrobial Agents and Chemotherapy, 2004, Washington D. C., USA.
5. D. Upadhyay, S. Singhal, T. Mathur, S. Khan, V. Kalia, M. Rao, T. Bhadauriya, S. Malhotra, **S. Rudra**, S. Malhotra, B. Das, A. Rattan; "RBx 8700: A second-generation oxazolidinone showing activity against Linezolid resistant enterococci," F-1413, 44th Interscience Conference on Antimicrobial Agents and Chemotherapy, 2004, Washington D. C., USA.
6. S. Malhotra, R. Gautam, T. Bhadauriya, Sachin Malhotra, **S. Rudra**, B. Das; "In vivo activity of RBx 8700 against Mycobacterium tuberculosis," F-2106, 43rd Interscience Conference on Antimicrobial Agents and Chemotherapy, 2003, Chicago, USA.
7. S. Malhotra, M. Rao, R. Gupta, R. Sood, **S. Rudra**, B. Das; "RBx 8700, a Second-generation oxazolidinone has concentration dependent bactericidal activity against slow growing Mycobacteria," F-2105, 43rd Interscience Conference on Antimicrobial Agents and Chemotherapy, 2003, Chicago, USA
8. S. Malhotra, R. Sood, M. Rao, R. Gupta, **S. Rudra**, B. Das; "Intracellular bactericidal activity of RBx 8700 against slow growing Mycobacteria alone or in combination with Rifampicin, Isoniazid or Pyrazinamide," F-2104, 43<sup>rd</sup> Interscience Conference on Antimicrobial Agents and Chemotherapy, 2003, Chicago, USA.
9. A. Rattan, A. Mehta, B. Das, M. Pandya, P. Bhateja, T. Mathur, S. Singhal, R. Sood, S. Malhotra, A. Yadav, A. Ray, R. Rao, **S. Rudra**, M. Rao; "In vitro Activity of RBx 7644, An Extended Spectrum Investigational Oxazolidinone," 42nd Interscience Conference on Antimicrobial Agents and Chemotherapy, Sept 2002, San Diego, USA.
10. A. Mehta, A. Rattan, B. Das, S. Malhotra, **S. Rudra**, M. Pandya, A. Ray, P. Bhateja, A. S. Yadav, K. Koppolu, T. Mathur, A. V. S. Raja Rao, J. K. Paliwal, V. M. Shigatgeri; "RBx 7644: A Novel Oxazolidinone Active against Grampositive Bacteria," Antibacterial & Antifungal Drug Discovery & Development Summit, Strategic Research Institute, June 2001, Amsterdam, The Netherlands.
11. M. Pandya, P. Bhateja, T. Mathur, K. Koppolu, S. Malhotra, B. Das, A. S. Yadav, R. Rao, **S. Rudra**, A. Ray, A. Mehta, A. Rattan; "Investigational Oxazolidinone RBx 7644 is Active against Multidrug resistant Gram-positive Bacteria," ICMAS-KO, Italy, 2002.
12. M. Pandya, P. Bhateja, T. Mathur, K. Koppolu, S. Malhotra, B. Das, A. S. Yadav, R. Rao, **S. Rudra**, A. Ray, A. Mehta, A. Rattan; "Investigational Oxazolidinone RBx 7644 is Active against Adherent Bacteria," ICMAS-KO, Italy, 2002.
13. S. Malhotra, K. Koppolu, M. Rao, M. Pandya, P. Bhateja, T. Mathur, B. Das, A. S. Yadav, R. Rao, **S. Rudra**, A. Ray, A. Mehta, A. Rattan; "RBx 7644 is Active, Both In vitro and In vivo against strains of Streptococcus pneumoniae, Irrespective of their Beta-lactam or Macrolide susceptibility," ICMAS-KO, Italy, 2002.
14. K. Koppolu, S. Malhotra, M. Rao, M. Pandya, P. Bhateja, T. Mathur, B. Das, A. S. Yadav, R. Rao, **S. Rudra**, A. Ray, A. Mehta, A. Rattan; "In vitro activity of RBx 7644, a novel oxazolidinone, against anaerobic bacteria," ICMASKO, Italy, 2002.
15. M. Pandya, P. Bhateja, T. Mathur, S. Malhotra, K. Koppolu, M. Rao, B. Das, A. S. Yadav, R. Rao, **S. Rudra**, A. Ray, A. Mehta, A. Rattan; "Effect of pH, Inoculum size, serum and albumin on antibacterial activity of RBx 7644" ICMAS-KO, Italy, 2002.
16. S. Singhal, R. Sood, M. Rao, B. Das, A. S. Yadav, R. Rao, **S. Rudra**, A. Ray, A. Mehta, A. Rattan; "RBx 7644 an Investigational oxazolidinone, is active against multi-drug resistant *Mycobacterium tuberculosis* and MAI strains," ICMAS-KO, Italy, 2002.
17. S. Malhotra, K. Koppolu, M. Rao, S. Kumar, M. Pandya, P. Bhateja, T. Mathur, B. Das, A. S. Yadav, R. Rao, **S. Rudra**, A. Ray, A. Mehta, A. Rattan; "In vitro activity of RBx 7644 in murine lethal systemic infections," ICMAS-KO, Italy, 2002.
18. S. Malhotra, M. Pandya, K. Koppolu, P. Bhateja, M. Rao, T. Mathur, B. Das, A. S. Yadav, R. Rao,

- S. Rudra**, A. Ray, A. Mehta, A. Rattan; "Post antibiotic effect of RBx 7644, a novel oxazolidinone, against *Staphylococcus aureus*," ICMAS-KO, Italy, 2002.
19. S. Malhotra, K. Koppolu, M. Rao, M. Pandya, P. Bhateja, T. Mathur, B. Das, A. S. Yadav, R. Rao, **S. Rudra**, A. Ray, A. Mehta, A. Rattan; "Efficacy of RBx 7644, in Murine Pouch model of infection caused by methicillin-resistant *Staphylococcus aureus* and *Streptococcus pyogenes*," ICMAS-KO, Italy, 2002.

#### INVENTOR OF PATENTS:

- Anita Mehta, S. K. Arora, B. Das, A. Ray, **S. Rudra**, A. Rattan; Oxazolidinone Derivatives as Antimicrobials, PCTWO 02/06278 (US6,734,307; US2002/0103186; US2003/0119817; EP1303511A1; US6956040).
- Anita Mehta, S. K. Arora, B. Das, A. Ray, **S. Rudra**, A. Rattan; Oxazolidinone Derivatives as Antimicrobials, PCT WO 03/007870 (EP1409465A2).
- Anita Mehta, **Sonali Rudra**, A. V. S. Raja Rao, Biswajit Das, Abhijit Ray, A. S. S. V. Srinivas, Sudershan K. Arora, Ashok Rattan; Oxazolidinone Derivatives as Antimicrobials, PCT WO 03/008389 (EP1409464A1; US (2004/0242591)).
- Anita Mehta, **Sonali Rudra**, A. V. S. Raja Rao, Ajay Singh Yadav, Ashok Rattan; Oxazolidinone Derivatives as Antimicrobials, PCT WO 04/014392 (EP1542696).
- Mohammed Salman, Biswajit Das, **Sonali Rudra**, Ajay Singh Yadav, Ashok Rattan; Preparation of oxazolidinone derivatives as antimicrobials agents, PCT WO 05/082899.
- Anita Mehta, **Sonali Rudra**, A. V. S. Raja Rao, Ajay Singh Yadav, Ashok Rattan; A preparation of (oxazolidinonmethyl)acetamide derivatives, usefull as antimicrobial agents. PCT WO 04/069816.
- Anita Mehta, **Sonali Rudra**, A. V. S. Raja Rao, Ajay Singh Yadav, Ashok Rattan; Preparation of oxazolidinone derivatives as antimicrobial agents, PCT WO 04/089944.
- Anita Mehta, Biswajit Das, **Sonali Rudra**, Ajay Singh Yadav, Sangita, Mohammed Salman, Ashok Rattan; Oxazolidinone Derivatives as Antimicrobials, PCT WO 06/043121.
- Biswajit Das, **Sonali Rudra**, Sangita, Mohammed Salman, Ashok Rattan; Oxazolidinone Derivatives, particularly benzoxadiazole ohenyloxazolidinones, usefull as antimicrobials, and processes for their preparation, pharmaceutical compositions containingthem, and methods for their use for treating microbial infections. PCT WO 06/035283.
- Biswajit Das, **Sonali Rudra**, Sangita Sangita, Mohammed Salman, Ashok Rattan; Preparation of Pyrroloxazinyl-phenyloxazolidinones as antibacterials, PCT WO 06/109156.
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