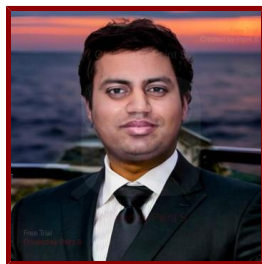


Stanford



Alok Ranjan

Physical Science Research Scientist

Chemistry

 Resume available Online

CONTACT INFORMATION

- **Alternate Contact**

Ranjan - Dr

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Bio

BIO

Accomplished Research Scientist with a rich history (6-8 years) of spearheading cutting-edge research projects. Proficient in synthesizing and analyzing new compounds with therapeutic potential. Experienced in utilizing both structure and property-based strategies to identify promising drug candidates.

Led multidisciplinary teams to innovate solutions, enhanced drug discovery efficiency by integrating advanced computational techniques. Committed to continuous learning and staying well-informed of the latest trends in medicinal chemistry and drug design.

ACADEMIC APPOINTMENTS

- Physical Science Research Scientist, Chemistry

ADMINISTRATIVE APPOINTMENTS

- Research Scientist, Fibrogen Inc., (2023-2024)
- Postdoctoral Fellow, Stanford University, (2018-2023)
- Post-doctoral Fellow, UT Southwestern Medical Center, Dallas, Texas, (2016-2018)

PROFESSIONAL EDUCATION

- PhD, Indian Institute of Technology Kanpur, India , Organic Chemistry (2016)

PATENTS

- Alok Ranjan. "India Patent 2012107934 A1 20120816 Flinderole analogues and process for synthesis thereof"

Publications

PUBLICATIONS

- **Organ- and Cell-Selective Delivery of mRNA In Vivo Using Guanidinylated Serinol Charge-Altering Releasable Transporters.** *Journal of the American Chemical Society*
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- **Novel orexin receptor agonists based on arene- or pyridine-fused 1,3-dihydro-2H-imidazole-2-imines** *BIOORGANIC & MEDICINAL CHEMISTRY LETTERS*
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- **Charge-altering releasable transporters enhance mRNA delivery in vitro and exhibit in vivo tropism.** *Nature communications*
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Ranjan, A., Deore, A. S., Yerande, S. G., Dethe, D. H.
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- **An asymmetric alkynylation/hydrothiolation cascade: an enantioselective synthesis of thiazolidine-2-imines from imines, acetylenes and isothiocyanates.** *Chemical communications (Cambridge, England)*
Ranjan, A., Mandal, A., Yerande, S. G., Dethe, D. H.
2015; 51 (75): 14215-8
- **One-Pot Synthesis of 2-Amino-1,3-selenazole via an Intermediary Amidinoselenourea** *EUROPEAN JOURNAL OF ORGANIC CHEMISTRY*
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- **Base-mediated hydroamination of propargylamine: a regioselective intramolecular 5-exo-dig cycloisomerization en route to imidazole-2-thione.** *Organic letters*
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- **Enantioselective total syntheses and determination of absolute configuration of marine toxins, oxazinins** *RSC ADVANCES*
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- **Asymmetric first total syntheses and assignment of absolute configuration of oxazin-5, oxazin-6 and preoxazin-7.** *Organic & biomolecular chemistry*
Dethe, D. H., Ranjan, A., Pardeshi, V. H.
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- **Biomimetic total syntheses of flinderoles B and C.** *Journal of the American Chemical Society*
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