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List of publications from thesis:

- **Ramakrishna Kakarla**, Shreyans Kumar Jain, Sairam Krishnamurthy. Pharmacokinetic and pharmacodynamic properties of Indole-3-carbinol in experimental focal ischemic injury. *European journal of Drug Metabolism and Pharmacokinetics* (2022). <https://doi.org/10.1007/s13318-022-00771-y>.
- **Ramakrishna Kakarla**, Neha Singh, Sairam Krishnamurthy. Diindolylmethane ameliorates platelet aggregation and thrombosis: *in silico*, *in vitro*, and *in vivo* studies. *European journal of pharmacology*, March 2022, 15, 919:174812. <http://doi.org/10.1016/j.ejphar.2022.174812>.
- **Ramakrishna Kakarla**, Sushil Kumar Singh, Sairam Krishnamurthy. Diindolylmethane Ameliorates Ischemic Stroke-Induced Brain Injury by Peripheral and Central Mechanisms. *Current Neurovascular Research*, Volume 19, Number 5, 2022, pp. 462475(14). <https://doi.org/10.2174/1567202620666221116161128>.

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- Gopichand Gutti, **Ramakrishna Kakarla**, Devendra Kumar, Mahima Beohar, Ankit Ganeshpurkar, Ashok Kumar, Sairam Krishnamurthy, Sushil Kumar Singh* (2019). Discovery of novel series of 2-substituted benzo[d]oxazol-5-amine derivatives as multi-target directed ligands for the treatment of Alzheimer's disease”, *European Journal of medicinal chemistry*. doi.org/10.1016/j.ejmech.2019.111613.
- **Ramakrishna Kakarla**, Sairam Krishnamurthy. Indole-3-carbinol ameliorated the isoproterenol-induced myocardial infarction via a multimodel mechanism in Wistar rats. *Natural product research*. feb, 2022, 12:1-6. <http://doi.org/10.1080/14786419.2022.2041632>.
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