

Papers published

1. **Evaluation of biomolecular interactions and cytotoxic activity of organometallic binuclear Ru(II) complexes of ferrocenyl thiosemicarbazones**

Priyanka Khanvilkar, Soumya R. Dash, Aliasgar Vohra , Ranjitsinh Devkar & Debjani Chakraborty *J. Biomol. Struct. Dyn.* (2020).

<https://doi.org/10.1080/07391102.2020.1798284>

2. **Organometallic binuclear Ru(II) complexes: Design, synthesis, DNA/BSA binding interactions and in-vitro cytotoxicity against HeLa cell line**

Priyanka Khanvilkar, Ramadevi Pulipaka, Kavita Shirsath, Ranjitsinh Devkar, and Debjani Chakraborty, *Inorg. Chem. Commun.* 102 (2019) 134–140.

3. **Binuclear ruthenium(II) complexes of 4,4'-azopyridine bridging ligand as anticancer agents: synthesis, characterization, and in vitro cytotoxicity studies**

Priyanka Khanvilkar, Ramadevi Pulipaka, Kavita Shirsath, Ranjitsinh Devkar and Debjani Chakraborty. *J. Coord. Chem.* 72 (2019) 2617-2635.

4. **Design, synthesis and in-vitro bioactivity of mixed ligand Ru(II) complexes bearing the antibacterial agents-Fluoroquinolones**

Ramadevi Pulipaka, Soumya R Dash, **Priyanka Khanvilkar**, Sarmita S. Jana, Ranjitsinh V. Devkar, and Debjani Chakraborty. *Trans. Met. chem.* 38 (2019) 603-620.