List of Publications


2. Synthesis and cytotoxic activity of 6-chloro-pyridazin-3-yl hydrazones and 6-chloro-1,2,4-triazolo[4,3-\(b\)]pyridazinederivatives. **Mamta**\(^1\), Ranjana Aggarwal\(^1\)*, Rachna Sadana\(^2\), Jeziel Ilag\(^2\), Garima Sumran\(^3\) (Communicated to *Bioorg.Chem.*, Submission no: BIOORG_2018_750).

3. Synthesis and structural studies of 3,6-disubstituted-bis-1,2,4-triazolo-[4,3-\(b\)][3',4'-\(f\)]pyridazines. Ranjana Aggarwal\(^1\)*, **Mamta**\(^{a}\), Garima Sumran\(^b\), Mari Carmen Torralba\(^c\) (communicated to *J. Mol. Struct.*).

4. Aliquat 336 catalysed regioselective synthesis of 6-(3-methyl/phenyl-5-methyl-1\(H\)-pyrazol-1-yl)-3-aryl/heteroaryl-1,2,4-triazolo[4,3-\(b\)]pyridazines (To be communicated).

5. Synthesis and bioevaluation of 1-(6-chloropyridazin-3-yl)-3-substituted-4-\(H\)/phenyl-1\(H\)-pyrazol-5-yl)diazemynaphthalen-1-ol) by diazotization of 1-(6-chloropyridazin-3-yl)-3-substituted-4-\(H\)/phenyl-1\(H\)-pyrazol-5-amines (To be communicated).

Presentations at Conferences


4. Design, synthesis and characterization of new 1-(6-chlopyridazin-3-yl)-3-\(H/\text{alkyl}-4\)-phenyl-1\(H\)-pyrazol-5-amines and their derivatives of bio-significant interest. Ranjana Aggarwal, Mamta, Poster presentation in National Workshop on Chemistry-Biology Interface: Opportunities and Challenges, S. D. College (Ambala), March 2016, pg-3.