

Younis Baqi

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Experience and Research Interest

Our research work focusses on the development of small molecules as selective ligands for purinergic receptors (G protein-coupled receptors), and ecto-nucleotidases inhibitors. This includes the synthesis of new organic compounds, including combinatorial approaches, the analysis of structure-activity relationships. The small molecules developed are used as pharmacological tools for *in vitro* and *in vivo* studies (in collaboration). Molecular probes (e.g. fluorescent-labeled compounds, radioligands including tracers for PET imaging) are developed for biological and diagnostic applications (in collaboration).

Teaching Interest

My teaching interest is in the field of applied chemistry involving bioorganic chemistry, pharmaceutical chemistry and chemical biology. This includes under graduate and post-graduated levels.

Courses: CHEM 2110, CHEM 3324, CHEM3420, CHEM4477, CHEM4470, CHEM4475, CHEM 5591, CHEM5501, CHEM5502, CHEM7001, CHEM8001.