

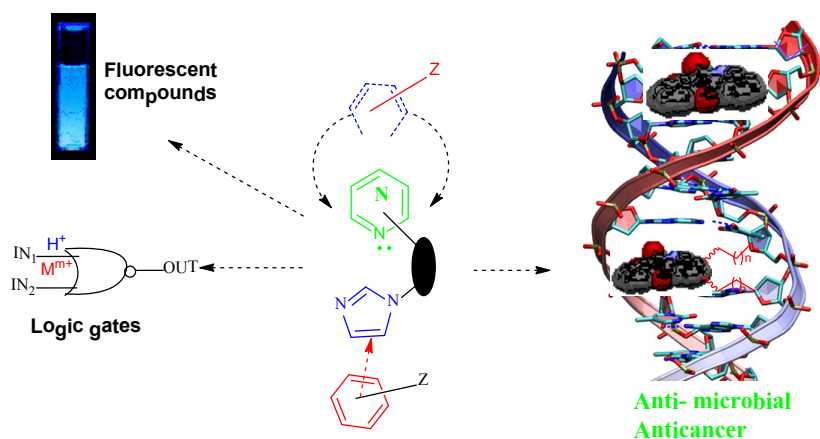
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New podants with azaheterocycles skeleton as smart versatile building blocks for multiple tasks

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Five and six member ring azaheterocycles are "privileged structures" in drug design, material science, agriculture, etc., the azaheterocycle scaffold being a core skeleton for multiple purposes. Within this work we present some core results obtained by our group in the field of new polifunctional azaheterocycles derivatives (nitrogen podants and compounds containing π -reach and/or π -deficient heterocycles) as smart versatile building blocks for multiple tasks: biologically active molecule (anticancer, antimycobacterial), chemosensors, logic gates and so on.



Biography

Ionel I Mangalagiu is a Professor in department of Organic Chemistry at "Al.I.Cuza" University of Iasi, Romania.

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