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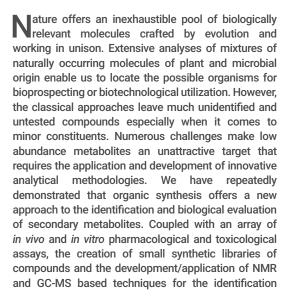
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## Mining plants and microorganisms for biologically active compounds: A combined synthetic and analytical approach



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stereo-chemical assignment of compounds directly from their mixtures, has provided us access to a number of new lead molecules from plants and microorganisms of medicinal or other interest. In this lecture, examples of exploitation of such an analytical synthetic approach will be conveyed with a specific emphasis on volatile plant constitutes from medicinal species and those regarded as functional food.

## **Biography**

Niko S Radulović currently working as a Full Professor of Organic Chemistry and Biochemistry in University of Niš, Serbia. He was also a Principal investigator for "Combinatorial libraries of heterogeneous catalysts, natural products, modified natural products and their analogues: A path to biologically active agents", funded by the Ministry of Education, Science and Technological Development of Serbia. His research interests include organic synthesis, medicinal chemistry, phytochemistry, NMR, HiFSA-ASIS-GIAO NMR-based methodologies, biologically active compounds, structure-activity relationship.