



UNIVERSITÀ DEGLI STUDI DI NAPOLI "FEDERICO II"

Dipartimento di Scienze Chimiche

*Dottorato in Scienze Chimiche - XXXIII Ciclo*

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***Research Doctorate (Ph.D.) in Chemical Sciences  
33<sup>rd</sup> Cycle – Academic Year 2017/2018***

***Tutor:***

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***Project Information***

**1 - Title**

Synthesis of Small Sugar-Based Molecules of Pharmacological Interest

**2 - Key words**

Glycosides, Nucleosides, Furans, Lignans, Curcumin derivatives

**3 - Abstract**

Aim of the project will be the search for new therapeutic glycosyl agents, via either the rational design of chemical structures or the screening of molecule collections, through the elaboration of new synthetic procedures as well as the use of standard methodologies. Investigation will be focused on the use of small sugar-based molecules containing hetero- or carbocyclic systems as aglycones. Different sugars, even non-natural, will be used.