



## **Dr. Vito Valiante**

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## **Projects**

### **Current Projects**

Clarification of the structures and regulatory mechanisms that control the formation of vesicles that host SM pathways in fungi; and expand the knowledge of sorting signals

[Details](#)

### **Former Projects**

Developing molecular tools for the de novo assembling of biosynthetic routes

[Details](#)

Development of a user-friendly heterologous expression system and its applications for natural product biosynthesis

[Details](#)

Biosynthesis of sphingolipid inhibitors in fungi

[Details](#)

Elucidation of the translocation mechanisms of sphingolipid inhibitors in fungi

[Details](#)

Elucidation of the biosynthesis of Sphingolipid inhibitors in *Aspergillus fumigatus* and *Aspergillus niger*  
[Details](#)