

Professor

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### *Drug Discovery in Academia: A Successful Case Study*

Research interests encompass three general fields of interest: the development of new synthetic methods, the total synthesis of biologically active natural products, and medicinal chemistry.

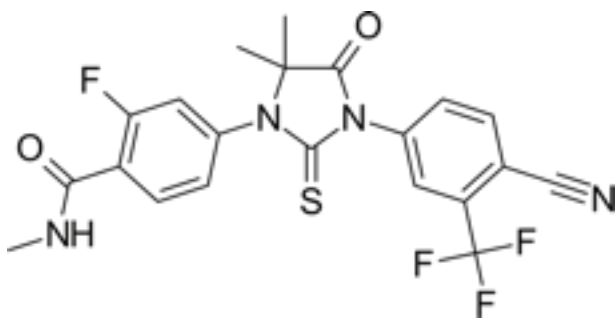
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### Abstract

The process of drug discovery in academia will be discussed in detail with particular emphasis on the inception of an idea, the determination of what chemical space to explore, the back and forth of testing and design and synthesis, the importance of pharmacokinetic and pharmacodynamic analysis, and toxicity issues. In particular, the biology and chemistry leading to the approved drug, enzalutamide (Xtandi), will be described.

<https://en.wikipedia.org/wiki/Enzalutamide>



Host: Professor Thomas Hoye