

## Drug Discovery in Academia: Some Success Stories

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### Abstract

The process of drug discovery in academia will be discussed with several examples of prior and ongoing collaborations, with some success stories.

### Short bio

Michael Jung, Ph.D. received his BA in 1969 from Rice University and his PhD in 1973 from Columbia University, where he worked with Gilbert Stork as an NSF Fellow. After a one-year NATO postdoctoral fellowship with Albert Eschenmoser at the ETH in Zurich, he joined the faculty at UCLA in 1974, where he is now a Distinguished Professor of Chemistry. He currently consults for 20 industrial laboratories in both biotech and big pharma settings. He is an authority on synthetic organic and medicinal chemistry and has more than 400 patents and/or applications worldwide arising from both his consulting activities and his own research. Recently he has expanded his role in medicinal chemistry at UCLA and has more than 15 ongoing collaborations. Two compounds from his lab has been approved and are on the market: 1) Xtandi, approved 8/31/12 for the treatment of castration-resistant prostate cancer (CRPC), and 2) Erleada, approved 2/14/18 for the treatment of non-metastatic CRPC. He has supervised 92 PhD and 9 Masters theses and has taught 128 postdoctoral scholars. He has published more than 350 articles and given over 625 lectures on his research.