

SPARK EUROPE WEBINAR SERIES 2023

Wednesdays
at 4 pm CET

SPARK Europe
Education

Natural Product-Derived Drugs: The Wonder Drugs That Do Not Follow Medicinal Chemistry Dogma

Steven Schow, PhD

MARCH 1st, 2023 | 4 – 5 pm (CET)
Online Webinar



Today over 80% of the world's population relies on traditional medicines to maintain health and treat diseases and symptoms. In this webinar, Steve will introduce us into the vast and beautifully complex world of natural products. He will touch upon their impact on the patients' wellbeing. In this survey webinar:

- You will be introduced to the wondrous world of natural product-derived drugs, their ongoing entry into therapeutic practice and impact on health
- The differences in medicinal chemistry attributes on natural products vs. synthetic agents will be explored
- Examples of strategies for the optimization of natural product leads for medicinal uses will be discussed
- The medicinal exploitation of two major groups of natural product derived drugs, the opioids and anticancer natural products will be examined
- and general strategic considerations for the application of medicinal chemistry to natural products will be reviewed

Steven Schow, PhD. Steve is an Adjunct Professor at Stanford University of Medicine in the Department of Chemical and Systems Biology. He has been a SPARK advisor since 2008 where he provides drug development mentoring to Spark project teams, including SPARK Global teams upon request. He also furnishes business development guidance to those projects selected for annual VC-Events, such as JP Morgan, BIO and BIO Investor Forum. Steve was the Vice President of Research and Development at Telik, Inc. until his retirement in 2014. He has more than 45 years of pharmaceutical, biotech and agrichemical industrial R&D experience. His work in drug R&D spans a wide range of medicinal indications, as well research on pest control agents. He holds a doctorate in chemistry from the University of California at San Diego and completed postdoctoral training at the University of California at Los Angeles and the University of Pennsylvania

Online via **Zoom** | Please register [here!](#)

Please register no later than **(February 28th)**. You will receive the Zoom-Link and access code the evening before the lecture and that access to last minute registrations, cannot be guaranteed.

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In unforeseen cases, the organizers may change and update topics and speakers.