

## Emerald Conference 2020

### Speaker Biography (short paragraph)

Bernd Markus (“Mark”) Lange was trained as a chemist with B.Sc. and M.Sc. degrees from the University of Bonn in Germany. He obtained his Ph.D. in 1995 from the University of Munich. Following postdoctoral studies at the University of Tübingen and Washington State University, Mark spent four years in the biotechnology industry as a group leader for Novartis, Syngenta and Diversa. In 2004, he transitioned back into an academic position and rose through the ranks at Washington State University, where he is currently a professor at the Institute of Biological Chemistry and also directs the M.J. Murdock Metabolomics Laboratory. Mark’s academic research program is focused on unraveling the biochemical pathways leading to bioactive natural products, in particular those that are synthesized and accumulated in specialized cell types such as glandular trichomes, resin ducts and laticifers. Mark has maintained close ties with commodity commissions and corporate entities with interests in oils, resins and plant-based pharmaceuticals. He is the co-founder of two biotechnology start-up companies, representing Dewey Scientific at the Emerald Conference.