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# Blueberries inhibit formation of pro-atherogenic gut microbial metabolites *in vitro* and *in vivo*



Parco Area delle Scienze  
Centro Congressi S.  
Elisabetta

Wednesday March 18  
10.30 am

## Dr. Andrew Neilson

Dr. Neilson received his BS in Food Science from Brigham Young University in 2005 and his PhD in Food Science from Purdue University in 2009. He completed a postdoc in diet and colon cancer prevention at the University of Michigan Medical School from 2009-11. Dr. Neilson was a faculty member at Virginia Tech (Blacksburg, VA, USA) from 2011-18 and moved to North Carolina State University (Kannapolis, NC, USA) in 2019. Dr. Neilson's research focuses on interactions between dietary bioactives and the gut microbiome and how such interactions affect human health. Recent interest focuses on how polyphenols can inhibit production of deleterious gut microbial metabolites such as trimethylamine N-oxide. A new line of inquiry also investigates how genetic variability can influence the health benefits of polyphenols. He is an associate editor for the journal Food & Function and a Fellow of the Royal Society of Chemistry (UK).