

# AVANT Institute Symposium

## The changing face of cosmetics - from natural ingredients to natural beauty

December 19, 2019

Ashland - 1041 U.S Highway 202/206 - Bridgewater, NJ, USA

<b>7:30 - 8:00am</b>	Registration/breakfast
<b>8:00 - 8:10am</b>	<b>Opening remarks</b> Joel Mantelin, Vice President Marketing & Business Development Biofunctionals, Ashland, Sophia-Antipolis, France
<b>8:10 - 8:55am</b>	<b>Understanding Biodegradability &amp; Biobased (Natural?) in the Context of Cosmetic Products &amp; Associated Packaging</b> Ramani Narayan, University Distinguished Professor at Michigan State University in the Department of Chemical Engineering & Materials Science, Michigan, USA
<b>8:55 - 9:35am</b>	<b>Simulating environmental fate of personal care polymers through biodegradation screening capability</b> Nigel Crabtree, Senior Staff Scientist, Polymers & Encapsulation (Measurement Science & Biodegradation), Ashland, Bradford, UK
<b>9:35 - 9:55am</b>	Break/posters
<b>9:55 - 10:40am</b>	<b>Unusual appetites of microbes in the anthropocene: biodegradation of pharmaceuticals and personal care products in aquatic sediments</b> Max M. Häggblom, Department of Biochemistry and Microbiology, School of Environmental and Biological Sciences, Rutgers University, New Brunswick, New Jersey, USA
<b>10:40 - 11:10am</b>	<b>Formulating Hair products with performance driven natural ingredients</b> Coralie Alonso, R&D Manager, Hair Care Ashland, Zwijndrecht, Netherlands
<b>11:10 - 11:55am</b>	<b>International standards: ISO and natural &amp; organic cosmetics</b> Jay M. Ansell, PhD, DABT, Vice President, Personal Care Products Council, Washington, USA
<b>11:55 - 1pm</b>	Lunch/posters
<b>1:00 - 1:30pm</b>	<b>Who innovates with nature-inspired ingredient? we do.</b> Anne Clay, Marketing Manager, Biofunctionals, Ashland Sophia-Antipolis, France
<b>1:30 - 2:15pm</b>	<b>Upcycling food by products to develop natural ingredients with scientifically proven efficacy</b> Giorgio Dell'Acqua, Director of Dellacqua Consulting, New Jersey, USA
<b>2:15 - 2:30pm</b>	Break/posters
<b>2:30 - 3:00pm</b>	<b>Polysaccharide chemistry in personal care</b> James Brady, Technical Director, Applied Research, Ashland, Wilmington, USA
<b>3:00 - 3:15pm</b>	<b>Closing remarks</b> Joel Mantelin, Vice President Marketing & Business Development Biofunctionals, Ashland, Sophia-Antipolis, France