Microbiology Program
"Personal Care Microbiology and Sustainability: Future Challenges"
October 25, 2022

Sponsored by

CLARIANT

7:30 am	**REGISTRATION & CONTINENTAL BREAKFAST**
8:30 am	**WELCOME - *Lezlee Westine, PCPC President & CEO***
8:35 am	**Opening Remarks** *Sabrina Behnke, Tri-K Industries, Inc. & Dennis Neeson, Colgate-Palmolive*

Moderator: Leon Banks, Edgewell Personal Care LLC

8:40 am	**Creation of New Cosmetic Ingredients with Synthetic Biology and Precision Fermentation** *Casey Lippmeier, Conagen*
9:25 am	**Directed Evolution of Antimicrobial Enzymes for Applications in Preservation and Shelf-life Extension** *Erika Milczek, Curie Co*
10:10 am	**BREAK – Exhibit Hall**
10:40 am	**The Quest for Sustainable Preservative Systems** *Andress Johnson, Thor Specialties*
11:25 am	**Microbial Risks and Management Opportunities for Refillable Product Forms** *Terry Amoroso, Procter & Gamble*
12:10 pm	**LUNCH (Dessert/Coffee in Exhibit Hall)**
1:35 pm	**Sharpening Our Focus on Hygienic Design and Microbiological Controls for Non-Sterile Manufacturing** *Andrew Dick, KDC One*
2:20 pm	**FDA's Concerns with Inadequate Cleaning and Cross-Contamination – A Persistent Problem** *Ileana Barreto-Pettit, FDA, Office of Pharmaceutical Quality Operations*
3:05 pm	**BREAK – Exhibit Hall**
3:25 pm	**Proactive Quality and Sustainability – Reduce Waste Through Microbial Quality Management** *Anne Wagner, Charles River Laboratories*
4:10 pm	**Ensuring Product Preservation in an Era of Clean Formulas, Green Chemistry and On-line Shopping** *Steve Schnittger, SME*
4:55 pm	**Closing Remarks** *Sabrina Behnke, Tri-K Industries, Inc.*
5:00 – 6:00 pm	**RECEPTION**