Scientific & Regulatory Consultants, Inc.

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Scientific & Regulatory Consultants, Inc. provides a full range of regulatory services for the antimicrobial industry. Our consultants' insight provides scientifically-sound, cost-effective, and timely solutions to routine and complex issues facing our clients. Our collective knowledge base includes experience in industry, laboratories and with government entities. For more information about Scientific & Regulatory Consultants, Inc. visit our website at www.srcconsultants.com

PROFESSIONAL EXPERIENCE

Scientific & Regulatory Consultants, Inc., Columbia City, IN 1996 - Present

Founder/Chief Executive Officer/Consultant

SRC Leadership Team Member, responsible for antimicrobial test method design, testing strategy, placement and management of studies; technical writing and speaking, author materials for SRC blogs and website, as needed; product development; technical support and sales training, marketing, regulatory affairs, quality control, manufacturing; and facility auditing for compliance with GLP and GMP.

- Winning entry for article "Case Study on Standards: Disinfection" ASTM International Standardization News, 2023. Website: https://sn.astm.org/features/case-study-standards-disinfection-.html
- PPDC Emerging Pathogen Work Group; 2021 – Present
- CBC COVID-19 Policy Work Group; 2020 – Present
- Presented HCPA Antimicrobial Division: ATP Retool Concepts/Strategies, hosted by Household & Commercial Products Association, Inc. (HCPA), 2018
- Presented Update on FDA Healthcare Antiseptic Monograph, hosted by International Sanitary Supply Association, Inc. (ISSA), 2018
- Presented Update on Antibacterial Washes & Rubs during the ISSA Forum, hosted by International Sanitary Supply Association, Inc. (ISSA), 2017
- Presented Efficacy Testing 1 & 2 during the US/Global Biocides (Antimicrobials) Regulation Conference, hosted by Chemical Watch and European Biocides Information Network, 2017
- Presented "EPA Testing: Efficacy, Acute Toxicology, & Chemistry", U.S. Environmental Protection Agency/Consumer Specialty Products Association Joint session; 01/17

- Represented Industry at the ACI/PCPC Sponsor meeting with FDA on the Consumer Antiseptic Drug Products Tentative Final Monograph (TFM); 03/15

- Presented on the impact of efficacy test method changes on public health antimicrobial products during the US/Global Biocides (Antimicrobials) Regulation Conference, hosted by Chemical Watch and European Biocides Information Network; 09/14

- Responder for Industry at the FDA NDAC on the Healthcare Antiseptic Drug Products TFM Meeting; 09/14

- Co-Authored industry briefing materials for the FDA NDAC Meeting on the Healthcare Antiseptic Drug Products TFM; 08/14

- Co-Authored industry response to FDA for the Consumer Tentative Final Monograph; 06/14

- Household & Commercial Products Association (HCPA), Antimicrobial Division Board of Directors; 2004 - present.

- HCPA Antimicrobial Division Program Committee Chairperson; 1997 - 2024

- American Journal of Infection Control Reviewer; 2005 - Present

- Member of Antimicrobial Coalition, a joint workgroup of American Cleaning Institute and Personal Care Product Council members formed to work with FDA on antiseptic monographs; 1994 – Present

- Author and participant - ASTM E35.15 methods:
  - Czechowski, M., Jones, R. ASTM E1427-00 Standard Guide for Selecting Test Methods to Determine the Effectiveness of Antimicrobial Agents and Other Chemicals for the Prevention, Inactivation and Removal of Biofilm. Annual Book of Standards, Vol. 11.05
  - Burnside, D.M., Jones, R. "2018 Update on EPA 810 Efficacy Guidelines". 2018
  - Jones, R. ASTM: E2315-03 Standard Guide for Assessment of Antimicrobial Activity using a Time-Kill procedure; 2003, 2015 Revision underway
  - Jones, R. American Society for Testing and Materials: E1174-00 Standard Test Method for Evaluation of Health Care Personnel and Consumer Handwash Formulation. Annual Book of Standards, Vol. 11.05

Ecolab, Inc. (formerly Huntington Laboratories, Inc.), Huntington, IN 1991 - 1996

Microbiology Department Manager (1991 – 1996)

- Managed quality control, research and development
- Responsible for: test method design, product development, technical sales support, marketing, regulatory affairs, manufacturing, author/review sales literature, extensive participation in industry association and laboratory compliance with GMP, GCP, and GLP regulations
- Coordinated contract laboratory ventures including: design of studies, protocols, reports, audits, problem solving, and administration of $1.8 million dollar request budget
- Study Monitor for 50 contract studies and Study Director for 83 internal studies; 1995

- Co-authored The Soap and Detergent Association and Cosmetic, Toiletry, and Fragrance Association's response to proposed FDA Monograph. Sole author of corporate responses
- Participated in the Canadian General Standards Board revision of Canadian regulations, establishing the effectiveness requirements for regulated products
- Participated in the Consumer Specialty Products Association development and implementation of the Council for Antimicrobial Quality Laboratory Accreditation Program
- Prepared Huntington Laboratories for accreditation; awarded in 1994
- Designed studies to create unique effectiveness claims for healthcare products
- Chaired corporate interdepartmental teams to develop and commercialize new products

Purdue Cancer Center, Purdue University, West Lafayette, IN 1989 - 1990

Laboratory Director

- Contract Manager, *Cell Culture Facility* and *National Cancer Institute* initial drug-screening program
- Responsible for: production of monoclonal antibodies, supervision of technical projects, budget, monthly billing, grant/technical writing, staff/facility management, internal sales, and marketing
- Implemented new fee structure, marketing and billing programs, which resulted in a balanced budget
- Implemented and performed custom monoclonal antibody production service, including the design and setup of a new laboratory, resulting in a 30% revenue increase

American Monitor Corporation, Indianapolis, IN 1986 - 1989

Laboratory Manager

- Supervised laboratory staff, animal antibody production facilities, grants, and budget
- Responsible for: Nuclear Regulatory Commission and USDA facility audits
- Co-developed 16 "In-vitro" Diagnostic Immunoassays for drugs-of-abuse and therapeutic drugs
- Established and Chaired Animal Welfare Committee
- Co-authored and managed multiple product development grants totaling $2 million

Indiana University Medical Center, Indianapolis, IN 1985 - 1986

Senior Research Technician

- Responsible for: production of cell lines for clinical diagnosis of *Chlamydia*, conduct of multiple types of immunoassays, microscopy, mass production of bacterial reagents for test methods, handling, diagnosis, and reporting of infections clinical specimens
- Conducted research on the epidemiology of *Chlamydia trachomatis*
- Monitored dual field trials of new instrumentation to diagnose *Neisseria gonorrhea*

EDUCATION

B.S. in Microbiology, Indiana University, Bloomington, IN; 1985
Master's Degree in Biology, 13 hours completed, Butler University, Indianapolis, IN; 1986-1988
Laboratory Animal Technician Certification American Assoc. for Laboratory Animal Sciences; 1990
Registered Microbiologist, Consumer Products and Quality Assurance Microbiology, National Registry of Microbiologist; 1992

PROFESSIONAL AFFILIATIONS & CERTIFICATIONS

American Association of Textile Chemists & Colorists (AATCC)

Association for Professionals in Infection Control and Epidemiology (APIC)
American Society for Testing and Materials (ASTM)
Award of Appreciation; Committee E-35 on Pesticides; 10/21, 04/01, 04/98
American Society for Microbiology (ASM)
Association of periOperative Registered Nurses (AORN)
Volunteer of the Year Award; Household & Commercial Products Association (HCPA); 12/23
Regulatory Affairs Professional Society (RAPS)
Volunteer Recognition Award; Society of Quality Assurance (SQA); 12/07

CORPORATE PROFESSIONAL AFFILIATIONS

British Chemicals Association (BCA) (Formerly BACS)
Center for Biocide Chemistries (CBC)
Household & Commercial Products Association (HCPA)
International Sanitary Supply Association (ISSA)
Personal Care Products Council (PCPC)

PROFESSIONAL DEVELOPMENT

U.S. Environmental Protection Agency (EPA)

MyPeST Implementation Webinar: EPA Q&A and Discussion About Future System Enhancements; 07/26
Best Practices for Antimicrobial Product Registration; 03/24
EPA's Research and Regulation of Pesticidal Air Treatment Devices; 09/23
Pesticide Program Dialogue Committee (PPDC)
Fall Meeting; 11/24
Spring Meeting; 05/23, 05/22
COVID-19: Evaluating Aerosol Treatment Technologies; 02/22
IPM Approaches for Health Care Facilities; 09/21
COVID-19: Aerosol Treatment Devices & Ozone Disinfection - Emergency Response; 08/21
COVID-19: Electrostatic Sprayers and Foggers for Disinfectant Application; 07/21
Reducing Environmental Exposure to SARS-CoV-2: An Overview of Findings; 06/21
COVID-19: Cleaning & Disinfecting of PPE for Effective Reuse; 04/21
COVID-19: UV-C Devices and Methods for Surface Disinfection; 01/21
Proper Cleaning and Disinfecting Protocols for Learning Environments; 10/20
Tick Threats and Controls – A Panel Discussion for Camp & Recreational Land Managers; 07/20
Assessing Risks to Bees from Pesticides; 07/20
Designing and Conducting Bee Studies; 07/20
EPA Expands Research on COVID-19 in the Environment; 05/20
EPA OECD Method Equivalency Work Group Co-Chair; 2019 – Present
EPA Expands Research on COVID-19 in the Environment; 05/20
UDM Salmonella Collaborative briefing; 07/19
EPA's Proposed Guidelines for Efficacy Testing of Certain Flea and Tick Pet Products; 05/19
Twelfth Antimicrobial workshop; 06/18
Listening Session on ATP; 06/18
EPA/CSPA Information Sharing Session; 06/17
Introduction to Down-the-Drain Assessment for Antimicrobial Pesticides; 10/16

Antimicrobial Data Requirements 40 CFR Part 158, Subpart W:
Introduction and Overview; 07/16
Mammalian Toxicology Data Requirements for Antimicrobial Pesticides; 07/16
Antimicrobials Used in Cooling Water Systems; 08/16
Technologies for Legionella Control: Scientific Literature Review; 10/15
Disinfection Hierarchy Stakeholder Workshop; 10/15
Eleventh Antimicrobial Workshop; 03/15
EPA BEAD Technical Workshops; 02/14; 2012 (OECD, TB, QPM) (Presenter); 2011(UDM)
National Meeting on the Regulation of Antimicrobial Pesticide Workshops;
2012, 2009, 2007, 2005, 2003, 2001, 2000, 1999, 1998, 1997
Scientific Advisory Panel Meeting; 2009 (prions), 2007 (anthrax), 1997 (HBV, treated articles)
EPA/CSPA Stakeholder Meetings 2000 - Present
EPA/Industry Anthrax Technical Workgroup, Industry Chair; 2002
Interagency Working Group – Anthrax Decontamination; 2002
EPA/OECD Efficacy Harmonization Workshop; 2002 (Presenter)

California Department of Pesticide Regulation (CDPR)
PREC - Disinfectants and Emerging Viral Pathogens; 03/21
California Prop 65 Update; 11/12
Meeting with Director Ann Pritchard on behalf of CSPA; 2011

U.S. Food and Drug Administration (FDA)
CDER Small Business and Industry Assistance (SBIA) - Navigating the FDA Bayesian Draft Guidance:
Design, Analysis, and Review Considerations; 10/26
CDER Small Business and Industry Assistance (SBIA) - Drug Registration and Listing Workshop:
Compliance, Regulatory and Submission Updates; 09/26
OTC Monograph Drug User Fee Program (OMUFA): Understanding FY 2026 User Fees and
Registration; 05/26
OTC Monograph Reform: OMOR Format and Content & Electronic Submissions; 08/23
OTC Monograph Reform: Overview of Draft Guidance for Formal Meetings; 03/22
OTC Monograph Reform: Deemed Final Orders; 12/21
Gowns and Other Apparel for Use by Healthcare Personnel; 09/20
How to Conduct Effective Quality Audits; 04/17
CDER Microbiology Issues; A Deeper Dive; 03/17
Regulatory Education for Industry (REdI); Focus on cGMPs & FDA Inspections; 07/15
Nonprescription Drugs Advisory Committee Meeting – Topical Healthcare Antiseptic Products;
Industry Expert; 09/14
Biofilms, Medical Devices and Anti-Biofilm Technology – Challenges and Opportunities; 02/14
Food, Drug & Device Facility Inspections: Lessons from FDA, the Minnesota Department of
Agriculture, and Industry Teleconference; 11/12
Preparing Electronic Drug Establishment Registration and Drug Listing Submissions; 05/09
510(k) – Essentials of Gaining FDA Marketing Clearance; Bannick Consulting, LLC.; 03/09
FDA NDAC Meeting-Consumer Antiseptic Testing; 11/08, 10/05

FDA NDAC Meeting-Healthcare Antiseptic Drug Products; 2005, 1998
FDA Stakeholders Mtg., Efficacy Requirements for Topical Antimicrobial Skincare Products; 2000
FDA Stakeholders Mtg., Hand Sanitizers; 1999
Joint Meeting of Non-Prescription and Anti-Infective Drugs Advisory Committee Meeting; 1997
Bacterial Resistance

Health Canada Therapeutic Product Directorate

Invited expert at "Revision of the Guidance Document: Disinfectant Drugs"; 2012.
TPD-CCSPA Bilateral Meetings, 2012, 2011, 2009, 2008
TPD Registration Workshop, 2003

Health Canada Pest Management Regulatory Agency (PMRA)

RPC PMRA Notification Non-Notification; 10/12

A.I.S.E.

Ethanol & the Biocidal Products Regulation – What's New and Why It Matters; 02/26

American Bar Association – Committee on Pesticides, Chemical Regulations, and Right-To-Know

Antimicrobial Pesticides-Regulation of Innovative and Unique Products; 05/04

American Chemistry Council

EPA Research & Efficacy Testing Methods for Antimicrobial Public Health Devices; 04/26
U.S. EPA/Biocides Panel Legionella Work Group Liaison; 2017 – Present
Biocides Panel Legionella Work Group member; 2016 - Present
Biocides Panel Meeting; 11/19, 01/19, 03/18, 01/18

American Cleaning Institute

FDA-ACI/PCPC Sponsor Meeting – Consumer Antiseptic Products TFM; 03/15
PCPC-ACI Topical Antimicrobial Coalition Meeting; 05/14
ACI Friday Forum with Jessica Rich and James Kohm (FTC); 12/13

American College of Toxicology

The Introduction and Application of GLP Regulations; 05/19

American Society for Testing & Materials (ASTM)

ASTM E35.15 Fall Meetings; 11/23, 10/21, 10/18, 10/17, 10/14; 10/12, 10/09, 10/06, 10/05, 10/04
ASTM E35.15 Spring Meeting; 04/23, 04/22, 04/19; 04/17, 04/16, 04/15, 04/13, 04/10, 04/09, 04/06
Symposium "Over-the-Counter Topicals: Assessing the need for testing and label claims against viruses"; 10/04

Arnold & Porter

Advancing AI Adoption in Manufacturing Under the Existing FDA & EMA Frameworks; 03/26

Association for Professionals in Infection Control and Epidemiology (APIC)

What Infection Preventionists Need to know about Ebola Preparations; 08/14
Role of surfaces in the transmission of emerging healthcare-associated pathogens; 02/12
APIC Annual Educational Conference & International Meeting; 07/10
The Latest from the Centers for Disease Control & Prevention of Clostridium Difficile; 12/08
Clostridium Difficile; A Call to Action; 11/08

Association for Professionals in Infection Control and Epidemiology (APIC) - Indiana

Practical Statistical Analysis of Healthcare Data – "Giving Meaning to Numbers"

Association of Official Analytical Chemists (AOAC)

AOAC Committee M, Liaison to CSPA; 2007-2012
AOAC Committee H Expert Review Panel; 2004-2006
Annual Meetings; 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004

Beckman Lawson, LLP

Employment Law & Best Practices; 11/23, 10/23

Bergeson & Campbell, P.C.

Pesticides under FIFRA: What's Happening Now and What's Next; 09/26
The Food Quality Protection Act at 30: How It Happened, Why It Still Matters; 09/26
FIFRA Hot Topics in Pesticide, Biocides, and Other Agricultural Chemicals Regulation and Litigation; 04/19
Emerging Ingredient Disclosure Requirements and Confidential Business Information; 10/18

Canadian Consumer Specialty Products Association (CCSPA)

Annual Meeting; 02/25
Regulated Products Committee (RPC) Meeting; 04/23, 09/21
CCSPA/Health Canada Member Workshop; 03/21
CCSPA/TPD Bilateral meeting; 2012, 2011, 2009, 2008
CCSPA/TPD Education Forum on Registration of Disinfectants and Sanitizers; 11/09, 11/03

Center for Disease Control (CDC)

When to Clean, When to Disinfect, and What Science Says about SARS-CoV-2 on surfaces; 04/21

Chemical Watch

Biocides The Americas 2024; 11/24
Biocides North America 2023; 02/23
Lessons learnt from US antimicrobials enforcement during Covid; 02/22
Understanding Biocides Regulations in the US; 11/21

Compliance4All

Validation and Use of Excel Spreadsheets in FDA Regulated Environments; 02/19
Analytical Method Validation Under Good Laboratory Practices – GLP's; 02/18
Excel Spreadsheets – Step by Step Instructions for Compliance; 05/17
21 CFR Part 11 – Compliance for Electronic Records and Signatures; 04/17

Compliance Online

Navigating the New FDA World of Combination Products; 06/11
Objectionable Microorganisms: Considering the Risk; 06/09

Dan Tholen Statistical Consulting

Training in Introductory Statistics; 09/03

ECG, Inc.

Convince Me: Persuasion and Negotiation Training; 08/18

Ecolab

Get the FAQs: Disinfectants in the Fight Against COVID-19; 04/20

Environmental Law Institute/John Hopkins University

Toxicity Testing: Opportunities and Challenges in Minimizing the Use of Animals; 04/20

Executive Conference Corporation (ECC)

Responding to FDA Form 483 Observations at the Conclusion of a Drug cGMP Inspection; 09/26
A Roadmap to a Successful Contamination Control Strategy (CCS): Covering Annex I Updates and FDA Warning Letters and 483's; 04/16
USP 61/62 Microbiological Enumeration & Examination of Non-Sterile Products – Understanding the Current Standards for the Revised USP and Harmonized EP Microorganisms; 10/21
Validation and Performance Testing of Antimicrobial Technologies; 06/09

FDA News

Communicating Directly with Consumers on Social Media: What You Must Know About FDA and FTC Ad and Promo Rules; 04/22
Writing Effective SOPs; 04/17
Promotion of Drugs, Devices and Biologics Using Social Media; 02/17
Form 483 and Warning Letter Responses; 12/16
Preparing for an FDA Preapproval Inspection; 11/16
Spreadsheet Validation 2016; Tools and techniques to Meet FDA Requirements; 08/16

FDC Services LLC

CGMP/QSR Training Program; 06/08

Gladieux Consulting

Better Business Writing; Add Power to Your Words at Work; 05/18
Powerful Presentation & Verbal Communication Skills; 05/09
What Your Words Say About You and Your Team: Business Writing; 04/09
Better Business Writing/Documentation; 05/06
Powerful Presentation Skills; 08/02

Better Business Writing; 08/02
Time Management; 08/02

Global Compliance Panel
Meeting FDA requirements for OTC Drug Labeling; 12/13

Global Leadership Network
Global Leadership Summit; 08/22; 08/21, 08/20, 08/19, 08/18

Green Mountain Quality Assurance
Reviewing Electronic Data and Audit Trails; 03/18

Household & Commercial Products Association (HCPA)
Using AI Responsibly: Protecting Your Data and Your Reputation; 04/26
AI in Regulatory: What You Need to Know Before You Start; 03/26
Annual Meeting; 12/25
Mid-Year Meeting; 06/25
HCPA COVID-19 Work Group Co-Chair; 2020 – 2024
Antimicrobial Division Board Member, 2004 – Present
EPA/CSPA Stakeholder Meetings 2000 – Present
Food additive, pesticide, or both? Understanding FDA and EPA compliance for antimicrobials used in food and food-contact applications; 05/25
2021 Pesticide Regulation, Part 3: Hot Topics in the Post COVID World; 10/21
2021 Pesticide Regulation, Part 2: Navigating the 25b and State Pesticide Registration Map; 10/21
2021 Pesticide Regulation, Part 1: Devices; 10/21The impact of the Covid-19 pandemic on the biocides industry; 07/20
Are you asking what ingredients need to be shared online and on your label, and when?; 03/19
Changes to the Notice of Decision to Register Pesticide Products; 01/19
Discover the New Consumer Product Ingredients Dictionary; 11/17
California Pesticide Registration Course & Boot Camp; 09/17
PROP 65 Webinar: California's Right to Know Law: Complying with new Warning and Labeling Requirements: Are You Ready?; 10/16
Fundamentals of Surfactant Types; 10/12
What Is a Misbranded Product?; 10/10
To amend or not to amend? Will someone please explain PRN 98-10 to me!; 10/09
AOCS/CSPA New Horizons "Changing Strategies in Changing Times"; 09/04
CSPA Antimicrobial Efficacy Group Meeting and Tour of EPA BEAD Lab; 2003
Antimicrobial Division, Program Chairperson; 1997 - 2024
Program Titles:
- "XPAND 2024"; Annual Meeting 2024
- "XPAND 2023"; Annual Meeting 2023
- "IMPACT 2023"; Mid-Year Meeting 2023
- "XPAND 2022"; Annual Meeting 2022
- "IMPACT 2022"; Mid-Year Meeting 2022

- "XPAND 2021"; Annual Meeting 2021
- "IMPACT 2021"; Mid-Year Meeting 2021
- "XPAND 2020"; Annual Meeting 2020
- "XPAND 2019"; Annual Meeting 2019
- "XPAND 2018"; Annual Meeting 2018
- "Ingredient Disclosure for Antimicrobials"; Annual Meeting 2017
- "Antimicrobial Post Registration Responsibilities"; Mid-Year Meeting 2017
- "Infection Prevention: Learnings from Occupational Exposure & Emerging Pathogens"; Annual Meeting 2016
- "Strides in eRegistration: State & Federal Update"; Mid-Year Meeting 2016
- "The Future of Disinfectant Efficacy Testing"; Annual Meeting 2015
- "The Use of Antimicrobials in Food Safety"; Mid-Year Meeting 2015
- "Pesticidal Devices: The New Frontier"; Annual Meeting 2014
- "U.S. EPA Updates"; Mid-Year Meeting 2014
- "OPP Update & A Look at the Future-Electronic Submissions"; Annual Meeting 2013
- "The Evolving landscape of Importing/Exporting Conventional and Antimicrobial Pesticides"; Mid-Year Meeting 2013
- "Antimicrobial Efficacy Testing: The good, the bad & the ugly"; Annual Meeting, 2012
- "Decoding the mystery of DCI's and their Data requirements"; Mid-Year Meeting, 2012
- "Advances in Antimicrobial Efficacy Testing", Mid-Year Meeting; 2011
- "Advances in Antimicrobial Technology", Annual Meeting; 2010
- "The Role of Antimicrobials in Protecting Public Health"; Mid-Year Meeting; 2010
- "Shaping the Public Debate: How and Why Government., Media and NGOs Bring Issues to the Forefront", Annual Meeting; 2009
- Emerging Pathogens, Disinfection and Cleaning Effectiveness"; Mid-Year Meeting; 2009
- "The Art & Science of Enforcement", Annual Meeting; 2008
- "Antimicrobial & Pesticide Regulatory Update", Mid-Year Meeting; 2008
- "The Antimicrobial Industry: Benefits and Challenges", Annual Meeting; 2007
- "Update on State Registrations: Trends, Enforcement, and Responsibilities"; Mid-Year; 2007
- "Nanotechnology: Emerging Innovation and Scientific Challenge"; Annual Meeting; 2006
- "Disaster Response", Mid-Year Meeting; 2006
- "Global Regulatory Initiatives", Annual Meeting; 2005
- "Green Chemistry and Sustainable Development", Mid-Year Meeting; 2005
- "Mold Remediation & Cleaning Strategies", Annual Meeting; 2004

Indiana Medical Device

How to Develop a Policy and Procedures for Managing FDA Inspections

The FDA 510k Process

Prepare Your Quality System/Audit Program to Withstand FDA GMP's, EC Medical Device Directive, and International Regulation

Indiana University – Purdue University – Fort Wayne (IPFW)

Professionalism and Etiquette for Business; 10/17

The Building Blocks of Effective Messages; 08/17

Infection Control Today
Balancing Surface Disinfecting & Compatibility in healthcare Today; 05/19
Environmental Hygiene: Proper Practice for Improved Efficacy

Integrity of Data
GLP Refresher and Advanced Training; 06/25

Institute for In Vitro Sciences (IIVS)
An In Vitro Ocular Hazard Testing Strategy for EPA Registered Antimicrobial Cleaning Products; 11/12

International Association for Food Protection
Practical Applications of Microbial Modeling; 11/17
Overview of the Safe Food for Canadians Act: CFIA Food Safety Regulatory Modernization; 11/13

International Sanitary Supply Association, Inc (ISSA)
15th Antimicrobial Workshop, Moderator; 8/25
Antimicrobial Workshop; 08/25, 06/23, 03/21, 04/21

The International Center
Understanding Japanese Business Culture; 02/13

The Jackson Laboratory
Understanding the Landscape of the Skim Microbiome and Potential Applications for Personal Care Products; 06/17

Lewis Way Leadership Development
Communication and Public Speaking; 09/21
Diversity Training; 11/24, 07/23, 07/20

M4 Global Consulting LLC
Mexican Chemical Regulation; 08/20

The Microbiology Network
Microbiological Laboratory Investigations; 08/12
Review of Microbiological Involvement in Product Recalls; 02/12
Topics in Pharmaceutical Microbiology, 08/10

Montana State University, The Center for Biofilm Engineering
Anti-Biofilm Technologies: Pathways to Product Development; 02/22
Beneficial Biofilms Workshop; 01/17
Anti-Biofilm Technologies: Pathways to Product Development; 02/15

National Institute of Health

Development of Topical Microbicides: Bactericides and Virucides

National Training Seminars

8 Steps for Highly Effective Negotiation; Letting the Other Person Have Your Way; 04/15

How to Manage Priorities & Time; 08/13

Natural and Non-prescription Health Products Directorate (NNHPD)

Fall Information Session on Implementation of the Biocides Regulations; 10/25

OECD

Joint EPA-EWG OECD Steering Committee Meeting on International OECD Method Adoption; 11/19

Joint Meeting of The Chemicals Committee and The Working Party on Chemicals, Pesticides and Biotechnology; 10/17

Test Guidelines Programme – Biocides Programme; Meeting of Experts and Regulators for Test Guidelines on Microbicides Efficacy, Paris; 09/11

Personal Care Products Council (PCPC)

Inside Quaternary Ammonium Compounds: Innovation, Use, and Regulatory Outlook; 02/26

The Skin Microbiome – Chances and Challenges; 09/20

2017 Science Symposium "Microbiology Workshop; Topics in Applied Microbiology"; 10/17

GMPs 2014: A Business Decision to Ensure Quality; 12/13

Disruption and Personal Care Products – Science and Regulatory Developments; 07/10

Purified Water System Monitoring; 06/09

Dermal Sensitization Risk Assessment – The QRA; 02/09

CTFA Quality Assurance Committee Workshop; 09/03

Quality Assurance and GMPs for Companies that Make Cosmetics and OTC Drugs Workshop; 09/03

Pharmaceutical Technology

The Impact of Harmonizing Microbial Testing; 12/08

Q Laboratories

Accelerating Microbial Quality: Expert Perspectives on Rapid Microbial Methods; 08/26

GMP Training; 08/26

Fireside Chat: What to Watch for in Regulations and FDA Enforcement in 2026 is almost here; 02/26

FDA Microbiology Enforcement Trends: What Non-Sterile Pharma Must Know; 10/25

Regulatory Affairs Professionals Society (RAPS)

Raising the Regulatory voice – Persuasive Framing; 01/18

Natural Health Product (NHP) Licensing in Canada: Moving Forward-Updates, Initiatives and Challenges; 10/09

Pre-IND Meeting Success: Know and Remove Roadblocks to Trial Approval; 10/09

Recall or Not to Recall Webcast; 02/09

Scientific & Regulatory Consultants, Inc.

GLP Electronic Signature; 10/25
Anti-Bribery; 10/24, 08/23, 08/22, 09/20
EPA 101 Part 2; 02/19
Child Resistant Packaging; 01/19
EPA Good Laboratory Practice Archivist Training; 01/19
Exempt vs. Non-Exempt Treated Articles; 01/18
6(a)(2) Training; 07/16
Telephone Etiquette; 02/16
NOA (Notice of Arrival); 06/15
CRP (Child Resistant Packaging); 05/14
Market Label Review; 03/14
6(a)(2) reporting guidelines; 09/12

Smith & Co. Consulting, Inc.

GMP: FDA Regulatory Action and Enforcement Trends; 12/22
GMP Beyond the Basics; 12/22
Advanced GLP Training; 10/22, 09/20
GLP Data Integrity; 09/22, 09/20
GLP Refresher Training; 09/22, 09/20
cGMP Training; 11/22, 10/19

Steptoe & Johnson LLP

Biocides Webinar Series: Staying Ahead of the Curve – US; 12/25
What's on the Food Contact Horizon; 11/18

Society of Corporate Compliance and Ethics (SCCE) & Health Care Compliance Association (HCCA)

Navigating the Antitrust Arena: A Compliance Playbook; 10/26

Society of Quality Assurance (SQA)

MWSQA Webinar: FDA Artificial Intelligence Guidances: Industry Responses In-Depth Review; 10/25
Claiming EPA or FDA Compliance for GLP Studies in the US, and Submission to OECD Member Countries in Support of Product Registration; 10/22
Common Equipment Management Misconceptions in GLP Labs; 05/22
EPA Regulatory Update; 11/18
Management Culture & Data Integrity Governance Programs; 02/18
Tactical Questioning; 11/17
Assessing Compliance in a Cloud Computing Environment; 06/15
Good Clinical Laboratory Practices; Coloring Outside the Lines; 11/14
Good Clinical Laboratory Practices (GCLP) Auditing; 10/12

Society of Toxicology

Updates for FDA's GLP Regulations; 09/17

Thompson Publishing Group

An In-Depth Panel Discussion: Dealing with Potential FDA Enforcement; 03/12

United States Department of Commerce

Doing Business in Brazil; 05/12

Waters Corporation

Why is Electronic CDS Data a Major Data Integrity Concern for Regulators?; 04/17

Water Science and Technology Board

NASEM Legionella Meeting 1; 02/18

Webber Training

Chlorhexidine Use and Bacterial Resistance; 09/18
The Role of Dry Surface Contamination in Healthcare Infection Transmission; 02/17
Using Expert Process to Combat *Clostridium Difficile* Infections; 02/17
Antimicrobial Environmental Surfaces in Healthcare Settings - Can They Really Be Beneficial?; 10/16
Use of Hypochlorite (bleach) in Healthcare Facilities; 08/16
Epidemiology, Prevention and Control of Gram Negative Antibiotic Resistant Rods; 01/16
Ebola outbreak: What are the main lessons learned for infection control?; 01/16
MERS-COV Implications for Healthcare Facilities; 03/16
Core Components for Infection Prevention and Control Programs and Action Plan; 04/16
Hand Hygiene Supports Safe Surgical Care; 05/16
Physicians, Farmers, And The Politics Of Antibiotic Resistance; 05/16
Are Your Cleaning Wipes Safe? Evidence Supporting The "One Room - One Wipe" Approach In Healthcare Settings; 06/16
Exploring the Role of Environmental Surfaces in Occupational Infection Prevention; 06/16
All That Glistens Is Not Clean; 01/15
Infections In Home Health Care – Prevalence, Risk and Challenges; 01/15
Methods to Evaluate Hand Hygiene Products; 05/14
World Hand Hygiene Day…Clean Your Hands – Stop the Spread of Drug-Resistant Germs; 05/14
Highlights on Surgical Site Prevention; The New CDC Guidelines (and more); 08/14
How to Prevent the Spread of Multiresistant Bacteria; 03/14
Innovation and Implementation Strategic Approaches to Reduce Catheter-Related Bacteraemia: The Results of a European Multicentre Study; 06/14
Things You Never Thought of Related to Hand Hygiene Performance and Compliance; 10/13
The World Needs More Clean Hospitals; 10/13
Norovirus Control In Health and Social Care Settings; 09/13
Utilizing Hospital-to-Hospital Partnerships to Strengthen IPC; 09/13
Decontamination of High-Touch Environmental Surfaces in Healthcare: A Critical Look at Current Practices and Newer Approaches; 08/13

The Hand is Quicker than a Sneeze in the Spread of Disease; 09/12

West Coast Quality Training (Pacific Rim Consulting)

"Practical Approach" Seminar; Advanced GLP issues; 07/09

Good Laboratory Practices for Technical Staff; 03/06

Wiley Rein

Too Good to Be True? What You and Your Company Need to Know about the Laws and Regulations Governing Disinfectants and Devices Claiming to Be Effective Against the Novel Coronavirus; 04/20

World of Wipes (WOW)

International Conference: Navigating the Regulatory Minefield; 06/16

Wright Alliance

Introduction to Toxicology; 10/20

Advanced Toxicology; 10/20

Toxicology 101: General Principles and Applications for Assessing Human Health Effects of Chemical Substances; 02/13

Biocide Product Directive and REACH; 08/08

PUBLICATIONS & PRESENTATIONS

PUBLICATIONS

Czechowski, M., **Jones, R.,** ASTM E1427-00 Standard Guide for Selecting Test Methods to Determine the Effectiveness of Antimicrobial Agents and Other Chemicals for the Prevention, Inactivation and Removal of Biofilm. Annual Book of Standards, Vol. 11.05.

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Holtschlag, J., Cozad A., **Jones, R.,** Sodium Hypochlorite Preferred for Controlling the Spread of C. difficile. Managing Infection Control. 2006: 38-43.

Cozad A., **Jones, R.,** Disinfection and the prevention of infectious disease. American Journal of Infection Control. 2003: 31:243-254.

Fischler, G., Shaffer, M., **Jones, R.,** The Healthcare Continuum Model in *Handbook of Topical Antimicrobials and Their Applications* (Marcel Dekker, Inc.), Eds Paulson D, 2003: Chapter 3: Healthcare Continuum: A model for the classification and regulation of topical antimicrobial products

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Jampani, H., Lee, A., Newman, J., **Jones, R.** Alcohol: Novel Antimicrobial Technology for Persistent Activity. AJIC. 1999; 27: 209.

Sattar, S., Abebe, M., Jampani, H., Newman, J., **Jones, R.** Assessment of the Activity of an Ethanol-Containing Hand Gel against Non-Enveloped Viruses Using the Fingerpad Method. AJIC. 1999; 27: 209-210.

Newman, J., Jampani, H., Lee, A., Mulberry G., **Jones, R.** The Significance of Neutralization in Antimicrobial Efficacy Test Methods. AJIC. 1999; 27: 230.

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Jampani, H., Lee, A., Newman, J., **Jones, R.** Formulation Technology: Providing a Positive Impact on Broad Spectrum In Vitro Antimicrobial Activity. AJIC. 2000, February

Stone, P., Newman, J., Jampani, H., **Jones, R.** Interpreting Antimicrobial Activity Test Data: A Powerful Tool for Product Selection. Infection Control Today. 1999, July

PRESENTATIONS

Jones, R., 2025. Presented "What's up with Disinfectant Towelettes? How Will the Proposed EPA Guidance and New Method Impact the Industry?" Hosted by International Sanitary Supply Association, Inc. (ISSA), 2025.

Jones, R., 2024. Presented "Pesticide Program Dialogue Committee (PPDC): Emerging Pathogens Implementation Committee (EPIC) Final Report" Hosted by Environmental Protection Agency Pesticide Program Dialogue Committee (EPA PPDC), 2024.

Jones, R., 2024. Presented "Emerging Pathogens: Update on the PPDC EPIC Technical Committee Efforts" Hosted by Chemical Watch, Biocides The Americas 2024.

Jones, R., Blackbrun, T., Swearingen, A., 2023. Presented "PPDC Fall Meeting Emerging Pathogens Implementation Committee (EPIC) Updates" Hosted by Environmental Protection Agency Pesticide Program Dialogue Committee (EPA PPDC), 2023.

Jones, R., 2023. Presented "Test Substance Selection, Study Design, and the role of Reproducibility in Error Rates and Over Formulation" Hosted by American Society for Testing & Materials (ASTM), 2023.

Jones, R., 2022. Presented "Covid-19 Lessons: EPA PPDC's emerging pathogens work group recommendations and next steps." Hosted by Chemical Watch, Biocides USA 2022.

Jones, R., 2022. Presented "The latest efficacy testing developments, requirements and technologies: Quantitative towelette method, ESS guidance, soft surface disinfection, and more. " Hosted by Chemical Watch, Biocides USA 2022.

Jones, R., 2021. Presented "Electrostatic Sprayers for Disinfectants: EPA Registration, Stakeholder Experience, and Proper Use" Hosted by International Sanitary Supply Association, Inc. (ISSA), 2021.

Jones, R., Cook, A., Jain, K., Blackburn, T., 2021. Presented "Emerging Pathogens Workgroup Report", Hosted by Environmental Protection Agency Pesticide Program Dialogue Committee (EPA PPDC), 2021.

Jones, R., 2020. Presented "Cleaning Products: A Regulatory Review", Hosted by International Sanitary Supply Association, Inc. (ISSA) and Household & Commercial Products Association, Inc. (HCPA), 2020.

Jones, R., 2020. Presented "Hand Sanitizers and the FDA", Hosted by International Sanitary Supply Association, Inc. (ISSA), 2020.

Jones, R., 2020. Presented "Update on research activities with the OECD quantitative method for liquid disinfectants", Hosted by CEN/TC 216/WG 5, January 28, 2020.

Tomasino, S., **Jones, R.,** Presented "Equivalence Work Group Update", Hosted by EPA-EWG OECD Steering Committee Meeting, November 21, 2019.

Jones, R., 2019. "So You Want to Get Into the EPA Antimicrobial Market", Hosted by VEEVA, 2019.

Jones, R., 2019. "810s: Efficacy Test Guidelines for Public Health Pests", Hosted by Center for Biocide Chemistries, 2019.

Jones, R., Hilgren, J., 2019. Presented "Update on U.S. Research Activities with the OECD Quantitative Method for Liquid Disinfectants", Hosted by International Association for Soaps, Detergents and Maintenance Products (AISE), 2019.

Jones, R. 2108. Presented "Status of the Changing Regulation of OTC Antiseptics", Hosted by American Society for Testing & Materials (ASTM), 2018.

Jones, R. 2018. Presented "FDA's New Approach to Regulating Antimicrobial Soaps and New EPA 810 Efficacy Guidelines for Disinfectants, Sanitizers and Other Antimicrobial Pesticides", Hosted by International Sanitary Supply Association, Inc. (ISSA), 2018.

Burnside, D.M., **Jones, R**. "2018 Update on EPA 810 Efficacy Guidelines", ASTM E35.15 Meeting. 2018.

Jones, R. 2018. Presented "HCPA Antimicrobial Division: ATP Retool Concepts/Strategies", Hosted by Household & Commercial Products Association, Inc. (HCPA), 2018.

Jones, R. 2018. Presented "Update on FDA Healthcare Antiseptic Monograph", Hosted by International Sanitary Supply Association, Inc. (ISSA), 2018.

Jones, R. 2017. Presented "ASTM Ballot of E2197", Hosted by ASTM, 2017.

Jones, R. 2017. Presented "Update on Antibacterial Washes & Rubs during the ISSA Forum", Hosted by International Sanitary Supply Association, Inc. (ISSA), 2017.

Jones, R. 2017. Presented "Efficacy Testing 1 & 2 during the US/Global Biocides (Antimicrobials) Regulation Conference", Hosted by Chemical Watch and European Biocides Information Network, 2017

Jones, R. Rottjakob, D., 2017. Presented "EPA Testing: Efficacy, Acute Toxicology, & Chemistry", U.S. Environmental Protection Agency/Consumer Specialty Products Association Joint session; 01/17.

Jones, R. 2014. Presented on the impact of efficacy test method changes on public health antimicrobial products during the US/Global Biocides (Antimicrobials) Regulation Conference, Hosted by Chemical Watch and European Biocides Information Network, 2014.

Jones, R. 2012. "The OECD Bactericidal Method: Collaborative Analysis & Additional Data", EPA BEAD 2012 Technical Workshop on Antimicrobial Efficacy Test Methods and Activities, 2012.

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Jones, R. 2012. Testimony on Disinfectant Regulation and Testing, National Advertising Division.

Jones, R. 2011. "Draft OECD Test Guidelines: Concerns, Issues, & Impact"; OECD Test Guidelines Program – Biocides Program; Meeting of Experts and Regulators for Test Guidelines on Microbicides Efficacy 2011.

Jones, R. 2008. "Environmental Disinfection and the Prevention of Infectious Disease". 2008 Cleaning Science Conference & Symposium; 06/08

Jones, R. 2007. "Draft Mold Policy: An Industry Perspective". And, Moderator for Day Two. EPA 8th Annual Antimicrobial Division Program; 05/07

Jones, R. 2005. "Biofilms 2005", Society for Industrial Microbiology Meeting.

Jones, R. 2005. "Efficacy Issues". And, Moderator for Day One. EPA 7th Annual Antimicrobial Division Program; 11/05

Jones, R. 2004. "Antimicrobial Pesticides – Regulation of Innovative and Unique Products", The American Bar Association Committee on Pesticides, Chemical Regulations, and Right-To-Know; May 2004.

Jones, R. 2003. "Efficacy Issues". And, Moderator for Day One. EPA 6th Annual Antimicrobial Division Program; 06/03

Jones, R. 2003. "In Vitro and In Vivo Test Methods Used to Access the Efficacy of Topical Antimicrobial Products". America Society for Microbiology Workshop; 2005, 2004, 2003, 2002

Jones, R. 2002. Testimony on Efficacy Testing Valuation & Regulation, EPA Data Citation Mediation.

Jones, R. 2002. "Quantitative Carrier Test Methods", EPA-OECD Efficacy Workshop.

Jones, R. 2002. "Current Status of Knowledge and Recommendations for use of Biocides in response to Bioterrorism and Disasters", CSPA Mid-Year Meeting; 2002

Jones, R. 2001. "Efficacy Issues" EPA National Meeting on the Regulations of Antimicrobial Pesticides.

Jones, R. 2001. Moderator Day One. National Meeting on the Regulations of Antimicrobial Pesticides.

Jones, R. 1998. "Performance Expectations: Linkage of Laboratory and Clinical Studies." FDA, Center for Drug Evaluation and Research, Non-Prescription Drugs Advisory Committee Meeting; 07/98

Jones, R. 1997. "Antiseptic Resistance and Topical Antimicrobial Products." CSPA Meeting; 05/97

Jones, R. 1997. "The Healthcare Continuum Model – A Tool for the Classification of Topical Healthcare Products". CTFA, The Healthcare Continuum Model Symposium; 06/97

Jones, R. 1997. "Bacterial Resistance". The Soap & Detergent Association Technical Meeting; 09/97