

Cooperative Agreement Updates

Work to Support Human & Animal Food Testing
Laboratories

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Association of Public Health Laboratories (APHL)

AAFCO 2019 Annual Meeting – Louisville, KY

Bridging the Gap

APHL is continuing the work started under the Associations CoAg through the Bridge Extension agreement with FDA.

ISO/IEC 17025
Accreditation
Resources

Accreditation
Consultant

GenomeTrakr
Trainings &
Meetings

*GOOD Test
Portions*
Laboratory
Trainings



Continue providing resources for laboratories seeking to enhance their ISO/IEC 17025 accreditation scope

- Success stories





ACCREDITATION PROVIDES STRONG DATA TO TAKE ACTION ON CONTAMINATED PET FOOD



Animal food testing laboratories are working diligently to protect animals and humans, conducting surveillance testing on various raw animal food products to intercept contaminated products before they cause illness. This routine testing has resulted in several positive findings in laboratories around the country (see references). While various animal food manufacturers have voluntarily recalled their products out of an abundance of caution, some have questioned laboratory results.



ISO/IEC 17025 Accreditation Resources

- Success stories
- Gap analyses between 2005 & 2017 versions of ISO/IEC 17025
- Proficiency Testing Providers list (EPTIS database)
- Up-to-date accreditation resources available on APHL's website
(https://www.aphl.org/programs/food_safety/laboratory-accreditation/Pages/Accreditation-Resources.aspx)



ISO/IEC 17025 Accreditation Resources

- Success stories
- Gap analyses between 2005 & 2017 versions of ISO/IEC 17025
- Proficiency Testing Providers list (EPTIS database)
- Up-to-date accreditation resources available on APHL's website
- Guidance documents



Best Practices for Submission of Actionable Human and Animal Food Testing Data Generated in State and Local Laboratories



JANUARY 2019



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Human and Animal Food Regulatory Compliance Review Checklist

Coversheet

(package should contain further information and data at the pages indicated)

1. Submitting Organization		Page(s):	
2. Laboratory Sample and Decision Unit Description	Page(s):	3. Sample Number(s)	Page(s):
4. Evidentiary Integrity Intact Y or N?		Page(s):	
5. Net Quantity of Contents	Page(s):	6. Description of Labeling Non-compliance	Page(s):
_____ % of the amount declared on the label			
7. Analytical Findings	Page(s):		
Analyte:	Amount	Unit	Allowable Limit Unit
8. Analysis Status	Page(s):	9. Regulatory Status	Page(s):
<input type="checkbox"/> Preliminary or Screening <input type="checkbox"/> Confirmed <input type="checkbox"/> Other		<input type="checkbox"/> Not violative <input type="checkbox"/> Violative <input type="checkbox"/> Not allowed <input type="checkbox"/> Exceeds regulatory limit	10. Relevant Regulations / Legal Authority
		Page(s):	

ISO/IEC 17025 Accreditation

Resources

- Success stories
- Gap analyses between 2005 & 2017 versions of ISO/IEC 17025
- Proficiency Testing Providers list (EPTIS database)
- Adding resources to document repository
- Guidance documents
- **Lessons learned from first labs transitioning to ISO/IEC 17025:2017**



Accreditation Consultant

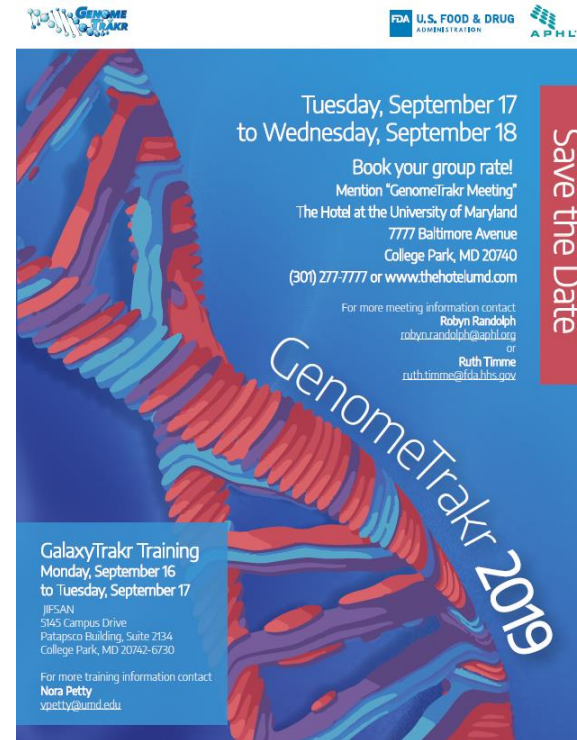
Working with 11 laboratories:

- Alabama Department of Agriculture (New!)
- Hawaii Department of Health (Accredited!)
- Michigan Department of Health (Accredited!)
- New Hampshire Division of Public Health Services
- New Mexico Department of Health
- New Mexico State University
- Oklahoma Department of Agriculture
- Pennsylvania Department of Health
- South Dakota State University (Awaiting accreditation confirmation!)
- Tennessee Department of Health
- Washington Department of Health



GenomeTrakr Trainings & Meetings

- Provide logistical support and assist with planning for annual in-person GenomeTrakr meetings
- Assist in developing best practices document for NCBI submission



The poster features a stylized DNA double helix in shades of blue and red. At the top left is the 'GenomeTrakr' logo. At the top right are the logos for the FDA U.S. Food & Drug Administration and APHL. A vertical red bar on the right side contains the text 'Save the Date'. The main text provides dates and contact information for two events: a meeting on September 17-18 and a GalaxyTrakr training on September 16-17.

GenomeTrakr

Tuesday, September 17
to Wednesday, September 18

Book your group rate!
Mention "GenomeTrakr Meeting"
The Hotel at the University of Maryland
7777 Baltimore Avenue
College Park, MD 20740
(301) 277-7777 or www.thehotelumd.com

For more meeting information contact
Robyn Randolph
robyn.randolph@aphl.org
or
Ruth Timme
ruth.timme@fda.hhs.gov

Save the Date

GenomeTrakr 2019

GalaxyTrakr Training
Monday, September 16
to Tuesday, September 17

JESAN
5145 Campus Drive
Patapsco Building, Suite 2134
College Park, MD 20742-6730

For more training information contact
Nora Petty
npetty@umd.edu

Supporting additional GOOD Test Portions laboratory trainings

- Working with AAFCO to provide support for three *GOOD Test Portions* trainings
 - NY Department of Agriculture & Markets (December 2018)
 - VA Division of Consolidated Laboratory Services (June 2019)
 - FDA ORA Laboratory, Lenexa, KS (June 2019)
- Up to 4 additional trainings can be held in 2019-2020.
- If your laboratory is interested in hosting a training, contact Nancy Thiex (nancy.thiex@gmail.com)



Laboratory Framework



Human and Animal Food Laboratory Professionals Curriculum Framework - July, 2019



Senior Administration	Accreditation / Certification	Advocacy	Budget	Change Management	Continuity of Operations	Facility Management	Human Resource Management	ISO (Section 4)	Legislative Affairs	Leadership / Executive Program	Organizational Culture	Policy Making	Program / Grant Management	Public Relations	Risk Analysis (Management & Communication)	Stakeholder Support	Systems Analysis	Instructor Development	Project Management			
Supervisor / Manager Program Specific	Advanced Chemistry			Advanced Microbiology					Leadership / Executive Program	Organizational Culture	Policy Making	Program / Grant Management	Public Relations	Risk Analysis (Management & Communication)	Stakeholder Support	Systems Analysis						
Supervisor / Manager	Conflict Resolution and Mediation		Incident Command System (ICS)		Negotiation		Risk Communication Introduction															
Expert (Program Specific)	Certificates & Certifications																					
	Animal Food		Human Food			Shellfish		Instrument Repair	Laboratory Evaluation Officer	Coaching	Nano-technology	Animal Health	Animal Food	Human Food	Shellfish			Chemistry	Microbiology			
Expert	Acidified Foods		Advanced Leadership		Allergens		Evidence-Based Decision Making		Grant Writing		Internal Audit		Labeling		Measurement Uncertainty		Method Modification / Development		Risk Analysis		Validation Methods	
Mid (Program Specific)	Certificates & Certifications																					
	Animal Food	Animal Health	Dairy	Environmental	Human Food	Shellfish	Audit	Hazardous Material Shipping	Infectious Agent Shipping	Waste Management	Animal Food Safety	Animal Health	Food Safety	Environmental Conditions	Milk and Dairy Product Safety	Shellfish						
	Gas Chromatography - Mass Spectrometry (GCMS)			Inductively Coupled Plasma Mass Spectrometry (ICPMS)			Liquid Chromatography - Mass Spectrometry (LCMS)			National Laboratory Networks Methods			Radiological		Advanced Technologies			National Laboratory Networks Methods				
Mid	Advanced Communication Skills		Advanced Quality Techniques		Basic Leadership Skills		Critical Thinking		Evidentiary Integrity		Human and Animal Food Incident Response		Laboratory Networks and Partnerships		Legal Proceedings		Method Evaluation and Selection		Root Cause Analysis			
	M1		M2		M3		M4		M5		M6		M7		M8		M9		M10			
Entry (Program Specific)	Certificates & Certifications																					
	Animal Food				Biosafety Level 3				Dairy Regulatory Programs				Select Agents				Shellfish Regulatory Programs					
	EP10				EP11				EP12				EP13				EP14					
	Basic Chromatography		Basic Separation / Extraction Techniques		Basic Mass Spectrometry		Basic Spectroscopy		Environmental Monitoring and Investigations		Aseptic Techniques		Basic Foodborne Pathogens		Environmental Conditions		Microbiological Testing					
	EP1		EP2		EP3		EP4		EP6		EP9		EP7		EP8		EP8					
Entry	Accreditation/ Certification	Basic Communication Skills	Basic Laboratory Math	Basic Laboratory Statistics	Basic Laboratory Techniques	Chain of Custody	Ethics	Incident Command System (ICS)	Integrated Food Safety System (IFSS)	Laboratory Information Management System (LIMS)	Laboratory Sampling	Method Resources	Public Health (One Health) Approach	Quality Management Systems	Regulatory Programs	Regulatory Sampling	Safety	Waste Management				
	E1	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11	E12	E13	E14	E15	E16	E17	E18				

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The Laboratory Framework is being built out through a Cooperative Agreement with FDA, AFDO, AAFCO, and APHL.



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Laboratory Framework



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Expert	Animal Food		Human Food			Shellfish		Instrument Repair	Laboratory Evaluation Officer	Coaching	Nano-technology	Animal Health	Animal Food	Human Food	Shellfish	Chemistry		Microbiology				
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Mid	Advanced Communication Skills		Advanced Quality Techniques		Basic Leadership Skills		Critical Thinking		Evidentiary Integrity		Human and Animal Food Incident Response		Laboratory Networks and Partnerships		Legal Proceedings		Method Evaluation and Selection		Root Cause Analysis			
Mid	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10												
Entry (Program Specific)	Certificates & Certifications																					
Entry (Program Specific)	Animal Food EP10			Biosafety Level 3 EP11				Dairy Regulatory Programs EP12				Select Agents EP13			Shellfish Regulatory Programs EP14							
Entry (Program Specific)	Basic Chromatography EP1		Basic Separation / Extraction Techniques EP2		Basic Mass Spectrometry EP3		Basic Spectroscopy EP4		Environmental Monitoring and Investigations EP6		Aseptic Techniques EP6		Basic Foodborne Pathogens EP7		Environmental Conditions EP8		Microbiological Testing EP8					
Entry	E1	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11	E12	E13	E14	E15	E16	E17	E18				

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Laboratory Framework - We need your help!

Certificates & Certifications											
Dairy Regulatory Programs EP12				Select Agents EP13				Shellfish Regulatory Programs EP14			
Basic Microscopy EP4		Environmental Monitoring and Investigations EP5		Aseptic Techniques EP6		Basic Foodborne Pathogens EP7		Environmental Conditions EP8		Microbiological Testing EP9	
System (ICS) E8	Integrated Food Safety System (IFSS) E9	Laboratory Information Management System (LIMS) E10		Laboratory Sampling E11	Method Resources E12	Public Health (One Health) Approach E13	Quality Management Systems E14	Regulatory Programs E15	Regulatory Sampling E16	Safety E17	Waste Management E18

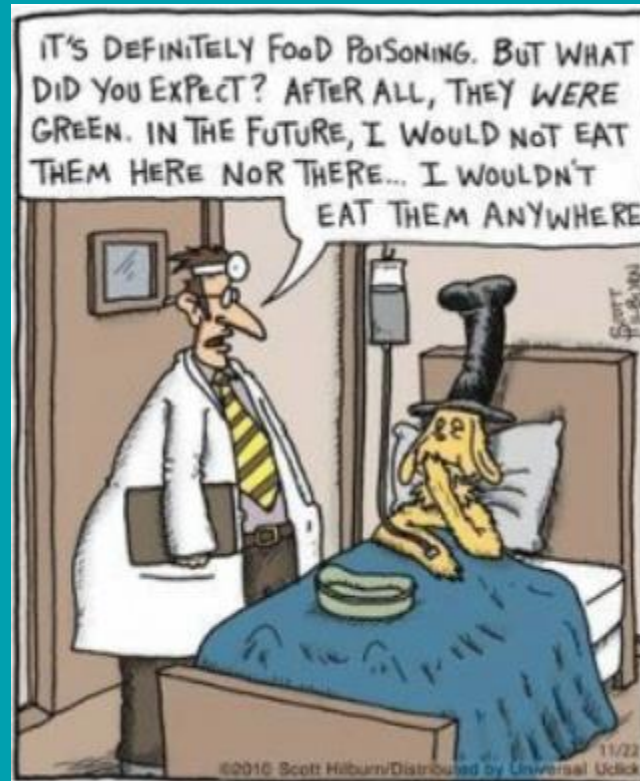


Resources

- [APHL Accreditation Resources](#)
- [List of Proficiency Testing Providers](#)
- [State Human & Animal Food Laboratory Professionals Curriculum Framework](#)
- [Data Acceptance White Paper](#) (January 2019)
- [APHL Quality Management Training Series](#)
- [APHL Accreditation Resource Repository](#) (restricted access)
- [GenomeTrakr Network](#)
- [GOODSamples](#)
- [GOOD Test Portions](#)



Thank you



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