
Oregon State Public Health Laboratory (OSPHL) Orientation



Oregon
Health
Authority

503-693-4100

www.healthoregon.org/phl

OSPHL Scope & Services

- Five Laboratory Sections
 - Laboratory Compliance (CLIA, ORELAP)
 - Laboratory Operations (e.g., receiving, data entry, test kits)
 - General Microbiology
 - Virology and Immunology
 - Newborn Screening



Laboratory Compliance – CLIA

- CLIA = Clinical Laboratory Improvement Amendments
- Accredite labs testing patient specimens (clinical labs) to federal standard
- Issue certificates for CLIA, Health Screen Testing (HST) and Substance of Abuse (SOA) testing
- **All** facilities testing patient specimens must hold a CLIA certificate.

Laboratory Compliance - ORELAP

- ORELAP = Oregon Environmental Laboratory Accreditation Program
- Accredits qualified laboratories testing environmental samples to international standard.
- Labs test air, soil, water, *Cannabis*
- New: psilocybin testing

Laboratory Operations

- Fulfill requests for collection kits
- Courier coordination
- Specimen receiving and accessioning
- Facility management
- Data systems maintenance



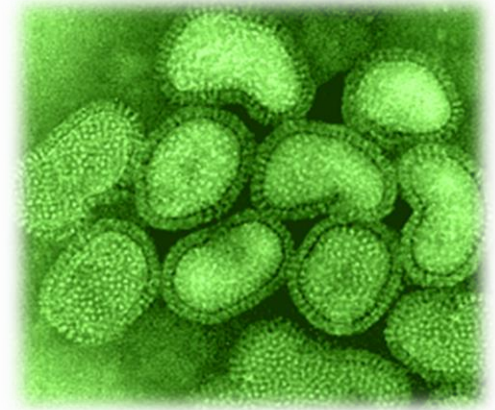
General Microbiology

- Bacteriology
 - Culture (isolation and reference testing)
 - Biothreat agents
- Foodborne outbreak support (subtyping)
- Tuberculosis testing
 - QuantiFERON®
 - TB susceptibility testing
- Water microbiology
- Parasitology
- Special projects



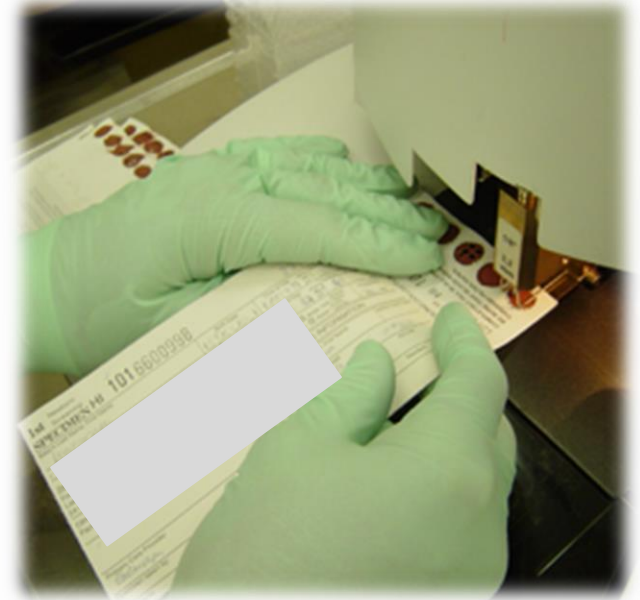
Virology and Immunology

- Sexually transmitted diseases (STDs)
 - Chlamydia, gonorrhea, HIV, Hepatitis
- Norovirus and other gastrointestinal viruses
- COVID-19, influenza, and other respiratory viruses
- Viral biothreat agents
- Special projects



Newborn Bloodspot Screening

- Screening for heritable disorders – Examples:
 - Hemoglobinopathy Screening (e.g., Sickle Cell Disease)
 - Endocrine Screening (e.g., Hypothyroidism)
 - Metabolic Screening (e.g., PKU)
 - Severe Combined Immunodeficiency (SCID) Screening
 - Cystic Fibrosis Screening
 - Lysosomal Storage Disorders
- Regional testing program
 - Oregon, New Mexico, Navajo Nation, some military bases, and others
- Screen for over 40 disorders per specimen



Contact Information

- OSPHL Main, Testing Sections
 - 503-693-4100
 - www.healthoregon.org/phl
- Lab Compliance – CLIA
 - 503-693-4125
 - LC.info@dhsoha.state.or.us
- Courier Scheduling – Senvoy
 - 503-234-7722
- Client Services Coordinator – Sarah Humphrey King
 - 971-217-3522
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- Laboratory Response Network (LRN) Coordinator – Rob Nickla
 - 503-693-4123
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