



CIFAL Newcastle - PRIDA Diagnostic Medical Microbiology Postgraduate Diploma

Personas

Plazo: 31 Ene 2023

Tipo:	Workshop
Ubicación:	Web-based
Fecha:	6 Mar 2023 to 25 Sep 2023
Duración:	27 Weeks
Área del programa:	Decentralize Cooperation Programme
Sitio web:	https://pridanetwork.org/our-blog/
Precio:	0,00 US\$
Correo Electrónico del Centro de Coordinación del Evento:	UNITAR-CIFAL@newcastle.edu.au
Colaboración:	Pacific Region Infectious Diseases Association, University of Papua New Guinea, Fiji National University, The University of Newcastle

ANTECEDENTES

Diagnostic microbiology underpins correct diagnosis and treatment of serious infection. LMIC medical professionals have little opportunity to develop skills and

knowledge related to the correct use of the laboratory and this course aims to fill that gap.

OBJETIVOS DEL EVENTO

A comprehensive course in diagnostic microbiology theory and practice.

OBJETIVOS DEL APRENDIZAJE

On successful completion of the course students will be able to:

1. Articulate the key introductory theoretical and foundational elements of medical microbiology;
2. Understand advanced microbiology topics;
3. Identify and implement correct laboratory use;
4. Identify and discuss complex cases and issues;

CONTENIDO Y ESTRUCTURA

The first semester focuses on foundation-level content and semester 2 addresses more advanced topics.

Introductory topics will include:

- Classification of microbes, pathogenesis, host defenses, immunocompromised states
- Microscopy procedures, pre-analytical issues, diagnostic stewardship
- Basic culture media and biochemical tests
- Gram-positive and negative bacterial identification
- Laboratory safety & Infection prevention & control

For a full list of topics please refer to the course outline.

METODOLOGÍA

This course is a minimum of 4 hours per week for 27 weeks and assessment items specific to the content. Assessable items include discussions, group

presentations and assessments.

PÚBLICO OBJETIVO

The target audience includes:

- Postgraduate medical registrars/residents from LMIC settings
- LMIC pathologists or physicians who wish to update their diagnostic microbiology and infectious diseases knowledge
- Other interested health care professionals

INFORMACIÓN ADICIONAL

Participants successfully completing the course will receive a UNITAR Certificate of Completion.