

Parasitology and Fungal Infections

Module Code:	BIS6023-A
Academic Year:	2018-19
Credit Rating:	10
School:	School of Chemistry and Biosciences
Subject Area:	Biomedical Science
FHEQ Level:	FHEQ Level 6
Module Leader:	Ms Kara Thornton

Additional Tutors:

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Tutorials	6
Laboratory	24
Directed Study	70

Availability Periods

Occurrence	Location/Period
BDA	University of Bradford / Semester 1 (Sep - Jan)

Module Aims

To enable the student to understand and gain experience of the application of a range of specialised methods and techniques and to understand their importance in the clinical investigation of patients.

Outline Syllabus

Laboratory investigation of common parasitic infections. Management of common parasitic infections. Epidemiology of fungal infections. Laboratory investigation of common fungal

infections. Antifungal treatment therapies. Scope and use of National Reference Laboratories.

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 1 Demonstrate an understanding of fungal and parasitic infections and the methods used in their investigation.
- 10 Clearly convey information and results in detail.

HCPC competencies covered in this module include: 1.2, 3.3, 5.1, 9.1, 10, 13.3, 13.8, 13.9, 13.10
- 2 Describe the organisation and application of specialised laboratory methods and services in microbiology.
- 3 Evaluate laboratory investigation and management of common parasitic infections.
- 4 Discuss the epidemiology and the laboratory investigation of common fungal infections and antifungal treatment therapies.
- 5 Contextualise the scope and use of National Reference Laboratories.
- 6 Effectively manage your workload, resources and work successfully to a deadline.
- 7 Demonstrate personal responsibility for self-directed learning and time management.
- 8 Communicate clearly and concisely with correct use of terminology to answer questions and discuss a specialist topic.
- 9 Clarify factors which may influence the type and detail of advice you provide.

Learning, Teaching and Assessment Strategy

This is a bespoke module using external lecturers and practitioners and will be delivered via intensive block teaching in situ in external NHS Trusts followed by assessment.

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Coursework	A piece of independent writing (essay)	-2500 words	80%	Yes
Summative	Classroom test	A paper-based MCQ assessment of the training	1 hour	20%	No

delivered in the
NHS Trust

Legacy Code (if applicable)

BM-6137M

Reading List

To view Reading List, please go to [rebus:list](#).