

**Essentials of Antifungal Therapy**  
**14<sup>th</sup> – 24<sup>th</sup> March (11<sup>th</sup> – 15<sup>th</sup> April) 2016**

DATE		TIME	LOCATION	ACTIVITY	LECTURE TITLE / DESCRIPTION OF ACTIVITY	LECTURER
Mon	14 Mar	10:45	ERC Seminar Room 8		<b>Welcome and introduction to the course: Professor Malcolm Richardson</b>	<b>MDR</b>
Mon	14 Mar	09:00-10:00	CSB Microbiology Laboratory	Practical (1h)	MALDI-TOF visit to the CSB Microbiology Laboratory	LNF / AH
Mon	14 Mar	11:00-12:00	NEED A ROOM	Lecture (1h)	Health & Safety Induction to the ERC Laboratories	SS (NWLC)
Mon	14 Mar	13:00-14:30	ERC Seminar Room 8	Lecture (1.5h)	Systemic Antifungals and Mode of Action	MDR
Mon	14 Mar	15:00-16:30	ERC Seminar Room 8	Lecture (1.5h)	Treatment of Hair, Skin & Nail Fungal Infections	MDR
Tue	15 Mar	09:30 – 10:30	ERC Seminar Room 6	Lecture (1h)	Treatment of Mucosal Fungal Infections	RR
Tue	15 Mar	10:45 – 11:45	ERC Seminar Room 6	Lecture (1h)	Antifungal Side Effects and Drug-Drug Interactions	CK
Tue	15 Mar	12:00 – 13:00	ERC Seminar Room 6	Workshop (1h)	Workshop: Using Apps to Determine Antifungal Interactions	CO/GA
Tue	15 Mar	14:00-16:00	ERC Seminar Room 6	PBL (2h)	Problem Based Learning I	SS (CEF)
Wed	16 Mar	10:00-11:00	ERC Seminar Room 7	Lecture (1h)	Antifungal Pharmacology/Tissue Distribution	DWD
Wed	16 Mar	13:30-17:00	UHSM NWLC	Clinic (3.5h)	APBA Clinic	DWD
Thu	17 Mar	09:30-10:30	ERC Seminar Room 5	Lecture (1h)	Therapeutic Drug Monitoring (TDM)	TDM

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Thu	17 Mar	10:30-12:00	ERC Seminar Room 5	Workshop (1.5h)	PK/PD Cases	TF
Thu	17 Mar	12:30-13:30	ERC CSU1, 1 <sup>st</sup> floor	Workshop (1h)	Q&A Session: Antifungal Therapy Cases	DWD
Thu	17 Mar	14:00-16:00	ERC Seminar Room 3	Journal Club (2h)	Journal Club I	MDR
Fri	18 Mar	09:00-13:00	ERC Seminar Room 6	Clinic (4h)	CPA Clinic	DWD
Fri	18 Mar	13:30-15:30	ERC Seminar Room 6	Lecture (2h)	Animal Models	PW

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Mon	21 Mar	10:00-11:30	ERC Seminar Room 5	Lecture (1.5h)	Measuring Antifungal Levels – Microbiological & Non-microbiological Methods	LO
Mon	21 Mar	11:30-12:30	CSB Biochemistry Laboratory	Tour (1h)	Tour of Biochemistry Laboratory to Include Non-microbiological Methods for Antifungal Drug Measurements	LO
Tue	22 Mar	09:30-11:30	ERC Seminar Room 8	PBL (2h)	Problem Based Learning II	SS (CEF)
Tue	22 Mar	13:00-17:00	ERC Laboratory	Practical (4h)	TDM Microbiological Methods for Antifungal Drug Measurements Part I: Set-up	LNF / CM
Wed	23 Mar	10:00-11:30	ERC Seminar Room 7	Practical (1.5h)	TDM Microbiological Methods for Antifungal Drug Measurements Part II: Results	LNF / CM
Thu	24 Mar	12:30-14:30	ERC Seminar Room 6	Journal Club (2h)	Journal Club II	LNF

DATE		TIME	LOCATION	ACTIVITY	LECTURE TITLE / DESCRIPTION OF ACTIVITY	LECTURER
Mon	11 Apr	10:00-11:00	ERC Seminar Room 10	Lecture (1h)	Mechanisms of Antifungal Resistance	PB
Mon	11 Apr	11:30-12:30	ERC Seminar Room 10	Lecture (1h)	Discovering New Antifungals	MB
Mon	11 Apr	14:00-16:00	ERC Seminar Room 10	PBL (2h)	Problem Based Learning III	SS (CEF)
Tue	12 Apr	09:00-12:00	ERC Seminar Room 7	Lecture (3h)	Indirect Diagnostic Tests for Invasive Fungal Infection	PD
Tue	12 Apr	13:00-16:00	ERC Seminar Room 6	Workshop (3h)	Focus on Systematic Reviews of Diagnostic Tests	PD
Wed	13 Apr	09:00-12:00	ERC Seminar Room 6	Lecture (3h)	Clinical Trials of Antifungal Therapy	PD
Wed	13 Apr	13:00-16:00	ERC Seminar Room 6	Workshop (3h)	Focus on Prophylaxis	PD
Thu	14 Apr	09:00-12:00	ERC Seminar Room 7	Lecture (3h)	The EORTC/MSG Defined Invasive Fungal Diseases	PD
Thu	14 Apr	13:00-16:00	ERC Lecture Theatre 1	Journal Club (3h)	Journal Club III	PD
Fri	15 Apr	09:00-12:00	ERC Seminar Room 7	Lecture (3h)	Strategies and Care Pathways for Managing Invasive Fungal Diseases	PD
Fri	15 Apr	13:00-16:00	ERC Seminar Room 6	Workshop (3h)	Care Pathways for Managing Invasive Mould Diseases	PD
<b>Course closes: Professor Malcolm Richardson</b>						

Short breaks, as appropriate, to be provided between/during sessions

2-week course (14<sup>th</sup> – 24<sup>th</sup> March 2016): Lecture hours: 12.5, Practical session hours: 23, Total contact hours: 35.5

3-week course (14<sup>th</sup> – 24<sup>th</sup> March, and 11<sup>th</sup> – 15<sup>th</sup> April 2016): Lecture hours: 26.5, Practical session hours: 37, Total contact hours: 63.5

**Key: Lecturers**

SS (NWLC): Simon Stephan

MDR: Professor Malcolm Richardson

RR: Dr Riina Richardson

LO: Dr Laura Owen

DWD: Professor David Denning

TF: Dr Tim Felton

SB: Sue Banfield

CM: Dr Caroline Moore

LNF: Dr Lily Novak Frazer

PW: Dr Peter Warn

PB: Dr Paul Bowyer

MB: Dr Mike Bromley

SS (CEF): Dr Shomik Sibartie

PD: Professor Peter Donnelly

CO: Carolanne O'Sullivan

GA: Graham Atherton