

London School of Hygiene & Tropical Medicine
Epidemiological evaluation of vaccines: efficacy, safety and policy - Short Course 23rd June-4th July 2025
TIMETABLE - WEEK ONE

Time	MONDAY 23rd (Day 1)	TUESDAY 24th (Day 2)	WEDNESDAY 25th (Day 3)	THURSDAY 26th (Day 4)	FRIDAY 27th (Day 5)
9.30-10.30	9.00. REGISTRATION 10.00. INTRODUCTION Overview of the course: aims & objectives Anthony Scott / Stefan Flasche Room: K LG6&LG7	SESSION 3 Phase I, II trials Kim Mulholland Room: K-LG6&LG7	SESSION 5 Vaccine trials I: Sample size (+Practical) Paul Milligan K-LG6&LG7	SESSION 7 Correlates of protection David Goldblatt Room: K-LG6&LG7	SESSION 9 Community protection and protection against infectiousness Kate Gallagher Room: K- LG6&LG7
11:00-11:05		Course evaluation	Course evaluation	Course evaluation	Course evaluation
11.05-12.50	SESSION 1 Measuring vaccine efficacy and effectiveness Anthony Scott Room: K-LG6&LG7	SESSION 4 Phase III trials Peter Smith (delivered online) Room: K-LG6&LG7	SESSION 5 cont. Vaccine trials II: Analysis issues Paul Milligan K-LG6&LG7	SESSION 7 cont. Correlates of protection cont.: Recap & practical Paul Milligan / Anthony Scott Room: K-LG6&LG7	SESSION 9 PRACTICAL Kate Gallagher / Stefan Flasche Room: K- LG6&LG7
LUNCH	Welcome lunch 12.30-1.30 pm Helpdesk for computer / wireless	1:30pm Photo (Keppel Street entrance)			Lunch & evaluation
2.00-3.00	SESSION 2 Immunology in vaccine evaluation I: Helena Helmbly Room: K-LG6&LG7	SESSION 4 PRACTICAL Anthony Scott, Stefan Flasche Room: K-LG6&LG7	SESSION 6: Burden of disease assessment and population level impact of vaccines Punam Mangtani Room: K G08 LG6&LG7	SESSION 8 Ethical consideration of vaccine evaluation Nicholas Connor Room: K G08 LG6&LG7	SESSION 10 Safety of vaccines and adverse event monitoring Vaccine safety assessment using the self-controlled case-series method
3.30-5.00	SESSION 2 cont. Immunology in vaccine evaluation II: Martin Holland Room: K-LG6&LG7	GROUP WORK 1 Introduction: outline of topics Anthony Scott, Punam Mangtani, Mary Ramsay, Paul Milligan Room: K-LG6&LG7	SESSION 6 PRACTICAL Punam Mangtani/Anthony Scott Room: K G08 LG6&LG7	GROUP WORK 2 Working session in groups Anthony Scott, Stefan Flasche, Punam Mangtani, Mary Ramsay, Paul Milligan Room: K G08 LG6&LG7	Practical Nick Andrews and Heather Whitaker Room: K- LG6&LG7
5.30-6.30	Introductory social event Room: K-South Courtyard	SPECIAL LECTURE Improving causal inference in observational vaccine studies: Introduction to target trial emulation and negative controls. Marc Lipsitch Room: K John Snow		SPECIAL LECTURE Licensing vaccines for preventing infectious diseases. Liz Miller Room: Manson Lecture Theatre	
6.30		6.30 SOCIAL EVENING (Evening dinner)			

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TIMETABLE - WEEK TWO

TIME	MONDAY 30th (Day 6)	TUESDAY 1st (Day 7)	WEDNESDAY 2nd (Day 8)	THURSDAY 3rd (Day 9)	FRIDAY 4th (Day 10)
9.30-10.30	SESSION 11a Estimating vaccine effectiveness after licensure I Anthony Scott Room: K- LG6&LG7	SESSION 12 Introduction to infectious disease modelling Stefan Flasche Room: K- LG6&LG7	SESSION 14 Economic evaluation of vaccination programmes Albert Jan van Hoek (RIVM) Room: K- LG6&LG7	SESSION 17 Surveillance for vaccine evaluation Kate Gallagher Room: K LG6&LG7	GROUP WORK 5 Presentations Anthony Scott / Stefan Flasche / Punam Mangtani / Paul Milligan / Mary Ramsay Room: K LG6&LG7
11:00-11:05	Course evaluation	Course evaluation	Course evaluation	Course evaluation	
11.05-12.50	SESSION 11a PRACTICAL Anthony Scott / Kate Gallagher Room: K- LG6&LG7	SESSION 12 PRACTICAL Stefan Flasche / Kevin van Zandvoort Room: K- LG6&LG7	SESSION 14 PRACTICAL Albert Jan van Hoek (RIVM) / Stefan Flasche Room: K- LG6&LG7	SESSION 18 Vaccine programme evaluation and vaccine trust Gayatri Amirthalingam Room: K LG6&LG7	GROUP WORK 5 cont. Presentations cont. Anthony Scott / Stefan Flasche / Punam Mangtani / Paul Milligan / Mary Ramsay Room: K LG6&LG7
LUNCH					End of course LUNCH
2.00-3.00	SESSION 11b Estimating vaccine effectiveness after licensure II Anthony Scott Room: K- LG6&LG7	SESSION 13 Using infectious disease modelling in assessing vaccine impact Stefan Flasche Room: K- LG6&LG7	SESSION 15 Key issues in vaccination schedules: Biological issues Paul Fine Room: K- LG6&LG7	SESSION 18 PRACTICAL Broader considerations of Immunisation Paul Fine Room: K LG6&LG7	SESSION 19 Topical issues in the epidemiology of vaccine preventable diseases Panel session: Mary Ramsay, Kate Gallagher, Paul Fine, Kim Mulholland Room: K LG6&LG7
3.30-5.00	GROUP WORK 3 Working session in groups Anthony Scott / Stefan Flasche / Punam Mangtani / Paul Milligan / Mary Ramsay Room: K- LG6&LG7	SESSION 13 PRACTICAL Stefan Flasche / Kevin van Zandvoort Room: K- LG6&LG7	SESSION 16 Key issues in vaccination schedules II: Policy Anthony Scott Room: K- LG6&LG7	GROUP WORK 4 Working session in groups Anthony Scott / Stefan Flasche / Punam Mangtani / Paul Milligan / Mary Ramsay Room: K LG6&LG7	SESSION 20: Special closing lecture Mary Ramsay + End of course Anthony Scott / Stefan Flasche Room: K LG6&LG7
5.30-6.30	DEBATE Safety of RSV maternal vaccine. Kim Mulholland & Anna Seale (Stefan provides the introduction) Room: John Snow LT (A)	SPECIAL LECTURE Practice and Politics of Vaccines and Immunization: Challenges, successes and uncertainties Kate O'Brien Room: John Snow LT (A)		SOCIAL EVENING (John Snow pub) Depart from entrance to Keppel Street at 17.15	
6.30					