

London School of Hygiene & Tropical Medicine
Epidemiological evaluation of vaccines: efficacy, safety and policy - Short Course 3rd-14th July 2023
TIMETABLE - WEEK ONE

Time	MONDAY 3 rd (Day 1)	TUESDAY 4 th (Day 2)	WEDNESDAY 5 th (Day 3)	THURSDAY 6 th (Day 4)	FRIDAY 7 th (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 & 7	SESSION 3 Phase I, II trials Anthony Scott Room: K LG6 & 7	SESSION 5 Vaccine trials I: Sample size (+Practical) Christian Bottomley K LG6 & 7	SESSION 7 Correlates of protection I: Methods Paul Milligan Room: K LG6 & 7	SESSION 9 Community protection and protection against infectiousness Paul Fine Room: K LG6 & 7
11:00-11:05		Course evaluation	Course evaluation	Course evaluation	Course evaluation
11.05-12.30 or 1.00	SESSION 1 Measuring vaccine efficacy and effectiveness Anthony Scott Room: K LG6 & 7	SESSION 4 Phase III trials Peter Smith Room: K LG6 & 7	SESSION 5 cont. 11.15 Vaccine trials II: Analysis issues Paul Milligan K LG6 & 7	SESSION 7 cont. (starts 11.15) Correlates of protection II: Real-world examples David Goldblatt Room: K LG6 & 7	SESSION 9 PRACTICAL Paul Fine / Stefan Flasche Room: K LG6 & 7
LUNCH	Welcome lunch 12.30-1.30 pm Helpdesk for computer / wireless	1:30pm Photo (Keppel Street entrance)			
2.00-3.00	SESSION 2 Immunology in vaccine evaluation I: Greg Bancroft Room: K LG6 & 7	SESSION 4 PRACTICAL Peter Smith, Anthony Scott Room: K LG6 & 7	SESSION 6: Ethical consideration of vaccine evaluation Nicholas Connor Room: K LG6 & 7	SESSION 8 Burden of disease assessment and population level impact of vaccines Punam Mangtani Room: K LG6 & 7	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: Greg Bancroft Room: K LG6 & 7	GROUP WORK 1 Introduction: outline of topics Anthony Scott, Punam Mangtani, Mary Ramsay, Paul Milligan Room: K LG6 & 7	GROUP WORK 2 Working session in groups Anthony Scott, Stefan Flasche, Punam Mangtani, Mary Ramsay, Paul Milligan Room: K LG6 & 7	SESSION 8 PRACTICAL Punam Mangtani/Anthony Scott Room: K LG6 & 7	Practical Nick Andrews and Heather Whitaker Room: K LG6 & 7
5.30-6.30	Vaccine Centre LECTURE Epidemiological issues in a field trial to evaluate a reduced-dose schedule for pneumococcal conjugate vaccination Grant Mackenzie Room: John Snow LT (A)		SPECIAL LECTURE The role of human challenge models in vaccine development Chris Chiu Room: John Snow LT (A)	SPECIAL LECTURE Licensing new vaccines is not enough: the challenge is how to get them to those in need David Heymann Room: John Snow LT (A)	
6.30	RECEPTION (lower café area)	6.00 SOCIAL EVENING (Evening dinner)			

London School of Hygiene & Tropical Medicine
Epidemiological evaluation of vaccines: efficacy, safety and policy - Short Course 3rd – 14th July 2022
TIMETABLE - WEEK TWO

TIME	MONDAY 10th (Day 6)	TUESDAY 11th (Day 7)	WEDNESDAY 12th (Day 8)	THURSDAY 13th (Day 9)	FRIDAY 14th (Day 10)
9.30-10.30	SESSION 11a Estimating vaccine effectiveness after licensure I Anthony Scott Room: K LG6 & 7	SESSION 12 Introduction to infectious disease modelling John Edmunds Room: K LG6 & 7	SESSION 14 Economic evaluation of vaccination programmes Mark Jit Room: K LG6 & 7	SESSION 17 Vaccine program evaluation and vaccine trust Gayatri Amirthalingam Room: K LG6 & 7	GROUP WORK 5 Presentations Anthony Scott / Stefan Flasche / Punam Mangtani / Paul Milligan / Mary Ramsay Room: K LG6 & 7
11:00-11:05	Course evaluation	Course evaluation	Course evaluation	Course evaluation	
11.00-12.30 or 1pm	SESSION 11a PRACTICAL Anthony Scott / Punam Mangtani Room: K LG6 & 7	SESSION 12 PRACTICAL John Edmunds / Stefan Flasche Room: K LG6 & 7	SESSION 14 PRACTICAL Mark Jit / Stefan Flasche Room: K LG6 & 7	SESSION 18 Surveillance for vaccine evaluation Kate Gallagher Room: K LG6 & 7	GROUP WORK 5 cont. Presentations cont. Anthony Scott / Stefan Flasche / Punam Mangtani / Paul Milligan / Mary Ramsay Room: K LG6 & 7
LUNCH					End of course LUNCH
2.00-3.00	SESSION 11b Estimating vaccine effectiveness after licensure II Anthony Scott Room: K LG6 & 7	SESSION 13 Using infectious disease modelling in assessing vaccine impact John Edmunds Room: K LG6 & 7	SESSION 15 Key issues in vaccination schedules: Biological issues Paul Fine Room: K LG6 & 7	SESSION 18 PRACTICAL Surveillance for vaccine evaluation Kate Gallagher/Anthony Scott Room: K LG6 & 7	SESSION 19 Topical issues in the epidemiology of vaccine preventable disease Panel: Kim Mulholland, Bill Hausdorff, David Heymann, Kate Gallagher, Chair - Anthony Scott Room: John Snow LT
3.30-5.00	GROUP WORK 3 Working session in groups Anthony Scott / Stefan Flasche / Punam Mangtani / Paul Milligan / Mary Ramsay, Kim Mulholland Room: K LG6 & 7	SESSION 13 PRACTICAL John Edmunds / Stefan Flasche Room: K LG6 & 7	SESSION 16 Key issues in vaccination schedules II: Policy Anthony Scott / Bill Hausdorff Room: K LG6 & 7	GROUP WORK 4 Working session in groups Anthony Scott / Stefan Flasche / Punam Mangtani / Paul Milligan / Mary Ramsay, Kim Mulholland Room: K LG6 & 7	SESSION 20: Special closing lecture Paul Fine + Course evaluation + Certificate handout Anthony Scott / Stefan Flasche Room: John Snow LT
5.30-6.30		SPECIAL LECTURE Licensing vaccines for preventing infectious diseases Liz Miller Room: K John Snow A LT (A)	DEBATE Academia vs Industry – who should be responsible for clinical development of vaccines Kim Mulholland & Bill Hausdorff Room: John Snow LT (A)	SOCIAL EVENING (John Snow pub) Depart from entrance to Keppel Street at 17.15, guided by Paul Fine	
6.30			Finishes at 6.45pm		