

**London School of Hygiene & Tropical Medicine**  
**Epidemiological evaluation of vaccines: efficacy, safety and policy - Short Course 4<sup>th</sup> -15<sup>th</sup> July 2016**  
**TIMETABLE - WEEK ONE**

Time	MONDAY 4 July	TUESDAY 5 July	WEDNESDAY 6 July	THURSDAY 7 July	FRIDAY 8 July
9.30-10.30	<b>9.00. REGISTRATION</b> <b>10.00. INTRODUCTION</b> Overview of the course: aims & objectives Anthony Scott / Stefan Flasche  <b>Room:</b> T G13 & 14	<b>SESSION 3</b> Key issues in good clinical practice (GCP) for vaccine evaluation Patricia Henley  <b>Room:</b> T G13 & 14	<b>SESSION 5</b> Vaccine trials I: Sample size Peter Smith  <b>Room:</b> T G13 & 14	<b>SESSION 7</b> Correlates of protection I: Methods Sara Thomas  <b>Room:</b> T G13 & 14	<b>SESSION 9</b> Burden of disease assessment and population level impact of vaccines Punam Mangtani  <b>Room:</b> T G13 & 14
11.00-12.30 or 1.00	<b>SESSION 1</b> Measuring vaccine efficacy and effectiveness Sara Thomas  <b>Room:</b> T G13 & 14	<b>SESSION 4</b> Phase III trials Peter Smith  <b>Room:</b> T G13 & 14	<b>SESSION 5 cont.</b> Vaccine trials II: Analysis issues Peter Smith  <b>Room:</b> T G13 & 14	<b>SESSION 7 cont.</b> Correlates of protection II: Laboratory issues Anthony Scott and Helen Fletcher  <b>Room:</b> T G13 & 14	<b>SESSION 9 PRACTICAL</b> Punam Mangtani / Anthony Scott  <b>Room:</b> T G13 & 14
<b>LUNCH</b>	Welcome lunch 12.30-1.30 pm Helpdesk for computer / wireless (LG15)	1:30pm Photo (Tavistock garden)			
2.00-3.00	<b>SESSION 2</b> Immunology in vaccine evaluation I: Greg Bancroft  <b>Room:</b> T G13 & 14	<b>SESSION 4 PRACTICAL</b> Peter Smith, Anthony Scott  <b>Room:</b> T G13 & 14	<b>SESSION 6</b> Phase I, II trials Anthony Scott  <b>Room:</b> T G13 & 14	<b>SESSION 8</b> Surveillance of infection and disease David Heymann  <b>Room:</b> T G13 & 14	<b>SESSION 10</b> Estimating vaccine effectiveness after licensure I Sara Thomas  <b>Room:</b> T G13 & 14
3.30-5.00	<b>SESSION 2 cont.</b> Immunology in vaccine evaluation II: Greg Bancroft  <b>Room:</b> T G13 & 14	<b>GROUP WORK 1</b> Introduction: outline of topics Anthony Scott, Punam Mangtani, Mary Ramsay, Paul Milligan  <b>Room:</b> T G13 & 14	<b>GROUP WORK 2</b> Working session in groups Anthony Scott / Stefan Flasche  <b>Room:</b> T G13 & 14	<b>SESSION 8 PRACTICAL</b> David Heymann / Stefan Flasche  <b>Room:</b> T G13 & 14	<b>SESSION 10 PRACTICAL</b> Sara Thomas / Anthony Scott  <b>Room:</b> T G13 & 14
5.30-6.30	<b>SPECIAL LECTURE</b> How to introduce a new vaccine. David Salisbury  <b>Room:</b> K John Snow LT		<b>SPECIAL LECTURE</b> Global Implementation of Vaccination Programs: past, present & future David Heymann  <b>Room:</b> K John Snow A LT	<b>SPECIAL LECTURE</b> Public Trust in Vaccines Heidi Larson / David Heymann  <b>Room:</b> K John Snow A LT	
6.30	<b>RECEPTION</b> (lower café area)		<b>SOCIAL EVENING</b> (Marquis Cornwallis)		

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**TIMETABLE - WEEK TWO**

TIME	MONDAY 11 July	TUESDAY 12 July	WEDNESDAY 13 July	THURSDAY 14 July	FRIDAY 15 July
9.30-10.30	<b>SESSION 10 cont.</b> <b>Estimating vaccine effectiveness after licensure II</b> Sara Thomas  <b>Room:</b> T G13 & 14	<b>SESSION 12</b> <b>Safety of vaccines and adverse event monitoring</b> Nick Andrews  <b>Room:</b> T G13 & 14	<b>SESSION 14</b> <b>Using infectious disease modelling in assessing vaccine impact</b> John Edmunds  <b>Room:</b> T G13 & 14	<b>SESSION 16</b> <b>Prevention of bacterial diseases – from infancy to adulthood</b> Kim Mulholland  <b>Room:</b> T G13 & 14	<b>GROUP WORK 5</b> <b>Presentations</b> Anthony Scott / Stefan Flasche / Punam Mangtani / Paul Milligan / Mary Ramsay  <b>Room:</b> T G13 & 14
11.00-12.30 or 1pm	<b>GROUP WORK 3</b> <b>Working session in groups</b> Anthony Scott / Stefan Flasche / Punam Mangtani / Paul Milligan / Mary Ramsay  <b>Room:</b> T G13 & 14	<b>SESSION 12 cont.</b> <b>Vaccine safety assessment using the self-controlled case-series method</b> Nick Andrews  <b>Room:</b> T G13 & 14	<b>SESSION 14 PRACTICAL</b> John Edmunds / Stefan Flasche  <b>Room:</b> T G13 & 14 (+LG15)	<b>SESSION 17</b> <b>Key issues in vaccination schedules: Biological issues</b> Paul Fine  <b>Room:</b> T G13 & 14	<b>GROUP WORK 5 cont. Presentations cont.</b> Anthony Scott / Stefan Flasche / Punam Mangtani / Paul Milligan / Mary Ramsay  <b>Room:</b> T G13 & 14
LUNCH					<b>End of course LUNCH</b>
2.00-3.00	<b>SESSION 11</b> <b>Community immunity and protection against infectiousness</b> Paul Fine  <b>Room:</b> T G13 & 14	<b>SESSION 13</b> <b>Introduction to infectious disease modelling</b> John Edmunds  <b>Room:</b> T G13 & 14	<b>SESSION 15</b> <b>Economic evaluation of vaccination programmes</b> Mark Jit  <b>Room:</b> T G13 & 14	<b>SESSION 18</b> <b>Key issues in vaccination schedules II: Policy</b> Anthony Scott  <b>Room:</b> T G13 & 14	<b>SESSION 19</b> <b>Topical issues in the epidemiology of vaccine preventable disease</b> Panel: Paul Fine, Kim Mulholland, Brian Greenwood, Anthony Scott  <b>Room:</b> T G13 & 14
3.30-5.00	<b>SESSION 11 PRACTICAL</b> Paul Fine / Stefan Flasche  <b>Room:</b> T G13 & 14	<b>SESSION 13 PRACTICAL</b> John Edmunds / Stefan Flasche  <b>Room:</b> T G13 & 14 (+LG15)	<b>SESSION 15 PRACTICAL</b> Mark Jit / Stefan Flasche  <b>Room:</b> T G13 & 14 (+LG15)	<b>GROUP WORK 4</b> <b>Working session in groups</b> Anthony Scott / Stefan Flasche / Punam Mangtani / Paul Miligan / Mary Ramsay  <b>Room:</b> T G13 & 14	<b>SESSION 20:</b> <b>Special closing lecture</b> Paul Fine  <b>+ Certificate handout</b> Anthony Scott / Stefan Flasche  <b>Room:</b> T G13 & 14
5.30-6.30	<b>SPECIAL LECTURE</b> <b>Optimal use of the first licensed dengue vaccine: balancing benefit against potential risks</b> Neil Ferguson  <b>Room:</b> John Snow A LT		<b>SPECIAL LECTURE</b> <b>Vaccination in emergencies: overcoming obstacles and decreasing delays</b> Rebecca Grais  <b>Room:</b> John Snow A LT	<b>SOCIAL EVENING</b> <b>(John Snow pub)</b>	