

**CAMB/IMM 6090: Vaccines & Immune Therapy Fall 2023**

Time: 3:30 PM – 5:30 PM

Location: The Wistar Institute

Caplan Auditorium / Zoom

Instructors: David Weiner, Paul Offit, Stanley Plotkin, Emilio Emini

Class Coordinator: Jeneice Hubert

V-Virtual Lecture / **IP** – In Person Lecture

<b><u>Date</u></b>	<b><u>Title</u></b>	<b><u>Lecturer</u></b>
<b>Sept 13</b>	Welcome	David Weiner – Wistar <b>IP</b>
	Case Studies in End-to-End Vaccine Research and Development	Annaliesa Anderson – Pfizer <b>IP</b>
<b>Sept 14</b>	Vaccine History	David Weiner - Wistar <b>IP</b>
<b>Sept 20</b>	Rotavirus Vaccines	Paul Offit – CHOP <b>IP</b>
<b>Sept 21</b>	Cellular Immune Responses	Michael Betts – PENN <b>IP</b>
<b>Sep 27</b>	B Cells, Antibodies, & Humoral Immune Response	David Allman – PENN <b>IP</b>
<b>Sept 28</b>	<b>TBA</b>	German Anez – Merck <b>IP</b>
<b>Oct 4</b>	Nucleoside Modified mRNA-LNP Therapeutics	Drew Weissman – UPENN <b>IP</b>
	Developing a heterologous prime-boost Ebola vaccine – challenges and opportunities	Ruxandra Draghia-Akli – Janssen <b>IP</b>
<b>Oct 5</b>	Adoptive Cell Therapy for Cancer	Marco Ruella – UPENN <b>IP</b>
<b>Oct 11</b>	<b>TBD</b>	
<b>Oct 12</b>	<b>NO CLASS - UPENN FALL BREAK</b>	
<b>Oct 18</b>	Correlates of Protection by Vaccines	Stanley Plotkin – Emeritus <b>IP</b>

**JENEICE HUBERT**

Weiner Lab Coordinator

Assistant to: Dr. David B. Weiner

P (215) 898-0381 E [jhubert@wistar.org](mailto:jhubert@wistar.org)

<u>Date</u>	<u>Title</u>	<u>Lecturer</u>
<b>Oct 19</b>	Building Trust to Achieve Vaccine Confidence	Rodney Finalle – Merck <b>IP</b>
	Passive Immunization with Suvratoxumab To Prevent S. Aureus Ventilator Associated Pneumonias	Mark Esser – AstraZeneca <b>IP</b>
<b>Oct 25</b>	Structure-based Vaccines	Daniel Kulp – Wistar <b>IP</b>
<b>Oct 26</b>	Novel technologies to develop AMR vaccines & Vaccines against AMR pathogens	Sanjay Phogat – GSK <b>IP</b>
<b>Nov 1</b>	Regulatory Considerations for Preventative Vaccines	Anuja Rastogi – FDA <b>IP</b>
	Understanding Vaccine Safety After Licensure	Meghna Alimchandani – FDA <b>IP</b>
<b>Nov 2</b>	Vaccines for Infectious Diseases that Disproportionately Impact the Poor	Penny Heaton – Janssen <b>IP</b>
	The Role of antibodies in RSV prevention: The story of Nirsevimab	Tonya Villafana – AstraZeneca <b>IP</b>
<b>Nov 8</b>	The Challenges of Vaccine Development: Technical, Financial, and Political	Emilio Emini – Bill & Melinda Gates Medical Research Institute <b>IP</b>
	Pneumococcal Conjugate Vaccine	Kara Bickham – Pfizer <b>IP</b>
<b>Nov 9</b>	Maternal Immunization & RSV	Kathrin Jansen <b>IP</b>
	Vaccine development against human Herpes viruses: Success and Challenges	Sita Awasthi – UPENN <b>IP</b>
<b>Nov 15</b>	Personalized Cancer Vaccines	Gerald Linette – UPENN <b>IP</b>
	Required Reading - Books Distributed Final Exam Review & Topics	Class Coordinator
<b>Nov 16</b>	<b>NO CLASS</b>	
<b>Nov 22</b>	<b>NO CLASS – THANKSGIVING HOLIDAY</b>	
<b>Nov 23</b>	<b>NO CLASS – THANKSGIVING HOLIDAY</b>	

**JENEICE HUBERT**

Weiner Lab Coordinator

Assistant to: Dr. David B. Weiner

P (215) 898-0381 E [jhubert@wistar.org](mailto:jhubert@wistar.org)

<u>Date</u>	<u>Title</u>	<u>Lecturer</u>
Nov 29	Vaccine Safety	Paul Offit – CHOP <b>IP</b>
	Cure-HIV	Luis Montaner – Wistar <b>IP</b>
Nov 30	Overview of the Advisory Committee on Immunization practices (ACIP) Example: Hepatitis A Disease and Vaccines	Michelle Goveia – Merck <b>IP</b>
Dec 6	Meningococcal Vaccines	Lucy McNamara – CDC <b>V</b>
	Developing a SARS CoV-2 Vaccine at Warp Speed	Paul Offit – CHOP <b>IP</b>
Dec 7	<b>NO CLASS</b>	
Dec 13 & 14	Final Exam Event	Course Examiners

**Virtual Link:**

**CAMB-IMM 6090 Vaccines & Immune Therapy Course**

Join Zoom Meeting

<https://us02web.zoom.us/j/88490184502?pwd=UzlRWFBlaE5iRng5UDhPOXJPeGllQT09>

Meeting ID: 884 9018 4502

Passcode: 088337

**JENEICE HUBERT**

Weiner Lab Coordinator

Assistant to: Dr. David B. Weiner

**P** (215) 898-0381 **E** [jhubert@wistar.org](mailto:jhubert@wistar.org)