

**Neglected & Emerging Infectious Diseases Workshop
Monday – January 6, 2014**

**University of Rhode Island
80 Washington Street, Providence, R.I.**

Times	Presenter(s)	Subject(s)
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9:00 AM	Breakfast	<i>Room 302F</i>
Room 302 (Classroom adjacent to 302F)		
10:00 AM – 10:30 AM	Shahla Yekta, Ph.D. <i>Interim Co-Director Institute for Immunology and Informatics</i>	<i>Welcome, Overview of Program</i>
10:30 AM – 11:30 AM	Annie De Groot, M.D. <i>Director Institute for Immunology and Informatics</i>	<i>Illustrated Vaccine Development</i>
11:30 AM – 12:30 PM	Lenny Moise, Ph.D. <i>Assistant Research Professor Institute for Immunology and Informatics</i>	<i>10 Steps to Vaccines</i>

12:30- 1:30 PM	Lunch	<i>Room 302F</i>
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TRIAD Toolkit Training – Room 301C		
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1:30 – 5:30 PM	Sheila Chandran <i>Immunoinformatics Programmer Epivax, Inc.</i> Frances Terry <i>Bioinformatics Program Manager Epivax, Inc.</i> Andres Gutierrez Nunez <i>Ph.D. Candidate University of Rhode Island</i>	Introduction to: <i>Data Collection, Conservation Analysis Epitope Discovery, Homology Analysis and Vaccine Construct Design</i> Hands-on bioinformatics training: <i>Conservatrix, EpiMatrix, ClustiMer, EpiAssembler, VaccineCAD</i>
6:00 PM	Fellow Dinner	<i>TBD</i>

Neglected & Emerging Infectious Diseases Workshop Tuesday – January 7, 2014

Times	Presenter(s)	Subject(s)
9:00 AM	Breakfast	Room 302F
Room 302 (Classroom adjacent to 302F)		
10:00 – 11:00 AM	Loren Fast, Ph.D. Director, CMI Core Institute for Immunology and Informatics	Introduction to Immunology Antigen Presenting Cells
11:00 – 12:00 PM	Leslie Cousens, Ph.D. Director of Protein Therapeutics Epivax, Inc.	Cytokines: Regulators of Immune Responses
12:00 – 1:00 PM	Liisa Selin, M.D., Ph.D. Professor University of Massachusetts Medical School	Heterologous Immunity

1:00 - 1:45 PM	Lunch	Room 302F
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Concurrent		
1:45 – 2:45 PM	Annie De Groot, M.D. Individual Meetings Project Discussion – Room 302F	Sheila Chandran, Bill Martin, Frances Terry Individual Meetings In Silico Project Design – Room 301C
Room 332		
2:45 – 5:45 PM	Lab Applications: Loren Fast, Ph.D. CMI Core Director Joseph Desrosiers CMI Core Lab Manager	- PBMC Isolation - Cell Loading with CFSE - Proliferation culture, stimulation with CD3/CD28 & PHA

Neglected & Emerging Infectious Diseases Workshop Wednesday – January 8, 2014

Times	Presenter(s)	Subject(s)
9:00 AM	Breakfast	Room 302F
Room 302 (Classroom adjacent to 302F)		
10:00 -11:00 AM	Andres Gutierrez Nunez <i>Ph.D. Candidate University of Rhode Island</i>	<i>Hands-on Bioinformatics Training</i>
11:00 -12:00 PM	Sheila Chandran <i>Biotech Product Manager EpiVax, Inc.</i>	<i>Conservation Analysis</i>
12:00 -1:00 PM	Jake Kurtis, M.S., Ph.D. <i>Professor of Pathology and Laboratory Medicine Brown University Medical School</i>	<i>Vaccines for Pediatric Falciparum Malaria</i>
1:00 - 2:00 PM		Room 302F
Room 302 (Classroom adjacent to 302F)		
2:00 – 5:00 PM	LAB	
Concurrent:		
2:00 – 5:00 PM	Annie De Groot, M.D. Individual Meetings <i>Project Discussion – Room 302F</i>	Sheila Chanran, Bill Martin, Frances Terry Individual Meetings <i>In Silico Project Design – EpiVax</i>

Neglected & Emerging Infectious Diseases Workshop Thursday – January 9, 2014

Times	Presenter(s)	Subject(s)
8:30 AM	Breakfast	Room 302F
Room 301C		
9:00 – 10:00 AM	Sheila Chandran, Andres Gutierrez Nunez, Frances Terry	Individual Meetings <i>In Silico Project Design</i>
Room 302 (Classroom adjacent to 302F)		
10:00 -11:00 AM	Wendy Coy Shattuck, Ph.D. <i>Postdoctoral Fellow</i> <i>University of Rhode Island</i>	<i>Tick-borne Disease & Anti-tick Vaccine Development</i>
11:00 -12:00 PM	Alan Rothman, M.D. <i>Research Professor</i> <i>Institute for Immunology and Informatics</i>	<i>Dengue</i>
12:00 - 1:00 PM	Lunch	Room 302F
Room 302 (Classroom adjacent to 302F)		
Room 332		
1:00 – 5:00 PM	Lab Applications: Loren Fast, Ph.D. <i>CMI Core Director</i> Joseph Desrosiers <i>CMI Core Lab Manager</i>	- Collect supernatant from proliferation culture - Extracellular stain of CFSE culture and FACS CFSE Day 2
Concurrent As Needed – Individual Meetings: <i>In Silico Project Design</i>		
7:30 PM	Speaker Dinner	<i>New Rivers</i>

Neglected & Emerging Infectious Diseases Workshop Friday – January 10, 2014

Times	Presenter(s)	Subject(s)
9:00 AM	Breakfast	Room 302F
Room 302 (Classroom adjacent to 302F)		
10:00 -11:00 AM	David Sacks, Ph.D. Chief, Intracellular Parasite Biology Section Laboratory of Parasitic Diseases National Institutes of Health	<i>Influence of Vector Transmission on the Efficacy of Vaccines Against Cutaneous Leishmaniasis</i>
11:00 -12:00 PM	Dan Hoft, M.D., Ph.D. School of Medicine Saint Louis University	<i>T. Cruzi (Chagas)</i>
12:00 -1:00 PM	Steve Gregory, Ph.D. Associate Professor of Medicine Brown Medical School Phyllis Losikoff, M.D., M.P.H. Clinical Assistant Professor Brown University Brown Medical School	<i>Dendritic cell-based Vaccination Against Hepatitis C</i>
1:00 -2:00 PM	Lunch	Room 302F
Room 302 (Classroom adjacent to 302F)		
2:00 -2:45 PM	Student 1	TBD
2:45 -3:30 PM	Student 2	TBD
3:30 -5:00 PM	Sheila Chandran, Andres Gutierrez Nunez, Frances Terry	Individual Meetings <i>In Silico Project Design</i>

Neglected & Emerging Infectious Diseases Workshop Monday – January 13, 2014

Times	Presenter(s)	Subject(s)
9:00 AM	Breakfast	Room 302F
Room 302 (Classroom adjacent to 302F)		
10:00 -11:00 AM	Steve Williams, Ph.D. <i>Gates Professor of Biological Sciences and Biochemistry Smith College</i>	<i>Filariasis</i>
11:00 -12:00 PM	Steve Williams, Ph.D. <i>Gates Professor of Biological Sciences and Biochemistry Smith College</i>	<i>River Blindness</i>
12:00 -1:00 PM	Jeffrey Bethony, Ph.D. <i>School of Medicine and Health Sciences George Washington University School of Medicine and Health Services</i>	<i>Schistosomiasis</i>
1:00 -2:00 PM	Lunch	Room 302F
Room 332		
2:00 -5:00 PM	Lab Applications: Loren Fast, Ph.D. <i>CMI Core Director</i> Joseph Desrosiers <i>CMI Core Lab Manager</i>	- <i>Extracellular stain of CFSE culture and FACS CFSE Day 5</i> - <i>Prepare CBA Assay and Analysis</i> - <i>Stimulate PBMC for intracellular staining on Wednesday</i>
Concurrent As Needed – Individual Meetings: <i>In Silico</i> Project Design		

Neglected & Emerging Infectious Diseases Workshop Tuesday – January 14, 2014

Times	Presenter(s)	Subject(s)
9:00 AM	Breakfast	Room 302F
Room 302 (Classroom adjacent to 302F)		
10:00 -11:00 AM	Jeffrey Bratberg, Pharm.D., BCPS Assistant Professor College of Pharmacy University of Rhode Island	Clinical Trials
11:00 -12:00 PM	Barbara Payne, Ph.D. Research Assistant Professor University of Rhode Island	A Tale of HIV Vaccine Clinical Trial
12:00- 12:45 PM	Ted M. Ross, Ph.D. Program Director Influenza & Vaccine Development Vaccine and Gene Therapy Institute of Florida	Pre-existing Seasonal Influenza Immunity Contributes to Encephalitis and Viral Dissemination Following H5Ni Influenza Infection
12:45 -1:30 PM	Lunch	Room 302F
Room 332		
1:30 -5:30 PM	Lab Applications: Loren Fast, Ph.D. CMI Core Director Joseph Desrosiers CMI Core Lab Manager	- Extracellular stain of CFSE culture and FACS CFSE Day 5 - Prepare CBA Assay and Analysis - Stimulate PBMC for intracellular staining on Wednesday
Concurrent As Needed – Individual Meetings: In Silico Project Design		

Neglected & Emerging Infectious Diseases Workshop Wednesday – January 15, 2014

Times	Presenter(s)	Subject(s)
8:30 AM	Breakfast	Room 302F
Room 332		
9:00 -12:00 PM	Lab Applications: Loren Fast, Ph.D. <i>CMI Core Director</i> Joseph Desrosiers <i>CMI Core Lab Manager</i>	<ul style="list-style-type: none"> - CTL Demonstration - Extracellular stain of CFSE culture and FACS CFSE Day 2 - Prepare CBA Assay and Analysis - Intracellular staining of PBMC
Concurrent:		
9:00 -12:00 PM	Sheila Chandran, Frances Terry Individual Meetings <i>In Silico Analysis – EpiVax</i>	Andres Gutierrez, Melissa Torres Individual Meetings <i>In Silico Analysis – Room 301C</i>
12:00 -1:00 PM	Lunch	Room 302F
Room 332		
1:00 -5:00 PM	Lab Applications: Loren Fast, Ph.D. <i>CMI Core Director</i> Joseph Desrosiers <i>CMI Core Lab Manager</i>	<ul style="list-style-type: none"> - Extracellular stain of CFSE culture and FACS CFSE Day 2 - Prepare CBA Assay and Analysis - Intracellular staining of PBMC
Concurrent:		
1:00 -5:00 PM	Sheila Chandran, Frances Terry Individual Meetings <i>In Silico Analysis – EpiVax</i>	Andres Gutierrez Nunez, Melissa Torres Individual Meetings <i>In Silico Analysis – Room 301C</i>

Neglected & Emerging Infectious Diseases Workshop Thursday – January 16, 2014

Times	Presenter(s)	Subject(s)
9:30 AM	<i>Breakfast</i>	<i>Room 302F</i>
Room 302 (Classroom adjacent to 302F)		
10:15 -11:00 AM	<i>Student 3</i>	<i>TBD</i>
11:00 -11:45 AM	<i>Student 4</i>	<i>TBD</i>
11:45 -12:30 PM	<i>Student 5</i>	<i>TBD</i>
12:30 -1:00 PM	<i>Lunch</i>	<i>Room 302F</i>
1:00 -1:30 PM	<i>Student 6</i>	<i>TBD</i>
1:30 -2:00 PM	<i>Student 7</i>	<i>TBD</i>
2:00 -2:30 PM	<i>Student 8</i>	<i>TBD</i>
2:30 -3:00 PM	<i>Student 9</i>	<i>TBD</i>
3:00 -3:30 PM	<i>Student 10</i>	<i>TBD</i>
3:30 -5:30 PM	<i>Annie De Groot, M.D.</i> <i>Director</i> <i>Institute for Immunology and Informatics</i> <i>Shahla Yekta, Ph.D.</i> <i>Interim Co-Director</i> <i>Institute for Immunology and Informatics</i>	<i>Final Individual Meetings</i>
5:30 PM	<i>Fellow Dinner</i>	<i>TBD</i>

Neglected & Emerging Infectious Diseases Workshop
Friday – January 17, 2014

Times	Presenter(s)	Subject(s)
9:30 AM	Breakfast	Room 302F
Room 302 (Classroom adjacent to 302F)		
10:00 -10:30 AM	Shahla Yekta, Ph.D. <i>Interim Co-Director Institute for Immunology and Informatics</i>	<i>Public Health Issues: Access to Vaccines</i>
10:30 -11:30 AM	Annie De Groot, M.D. <i>Director Institute for Immunology and Informatics</i>	<i>Closing Remarks</i>
11:30 -12:30 PM	Lunch	Room 302F
Room 302 (Classroom adjacent to 302F)		
12:30 PM	Close Meeting	<i>Close Meeting</i>