

**8th Annual Vaccine Renaissance Conference
Monday – October 13, 2014**

**Hotel Providence
139 Mathewson Street, Providence, RI**

| Times | Presenter(s) | Subject(s) |
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| 10:30 AM | Breakfast | <i>Hotel Lobby</i> |
| JanusMatrix Annie De Groot, M.D. (Session Co-Chair) Leonard Moise, Ph.D. (Session Co-Chair) | | |
| 11:00 - 11:30 AM | Annie De Groot, M.D. <i>Director iCubed</i> Ryan Tassone <i>Project Manager iCubed</i> | <i>How JanusMatrix works: Some applications (General explanation of JMX, and illustrations using HIV, Tetanus data)</i> |
| 11:30 –12:00 PM | Peter B. McGarvey, Ph.D. <i>Project Manager, Research Associate Professor Georgetown University Medical Center</i> | <i>In silico analysis of autoimmune diseases and genetic relationships to vaccination against infectious diseases</i> |
| 12:00 - 12:30 PM | Stephen Gregory, Ph.D. <i>Associate Professor of Medicine Department of Bio Med Medicine Brown University</i> | <i>An HCV epitope with extensive human homology promotes a regulatory T cell response in patients</i> |
| 12:30 – 1:00 PM | Rui Liu, Ph.D. <i>Postdoctoral Fellow iCubed</i> | <i>Increasing homology with human decreases T cell response to H7N9 epitopes: Mechanism of viral camouflage?</i> |
| 1:00 - 2:30 PM | Lunch | Aspire Lounge |
| 2:30 – 3:00 PM | Manabu Ato, Ph.D., Ph.D. <i>Director, Department of Immunology National Institute of Infectious Diseases</i> | <i>Relevance of cross-reactive T cell epitopes in the context of immune response to influenza vaccines: the humanized mouse system</i> |

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| 3:00 – 3:30 PM | Amy Rosenberg, M.D. Division Director Division of Therapeutic Proteins, F.D.A. | <i>“Self” and “Foreign” are Relative Terms from an Immunologic Perspective</i> |
| 3:30 – 4:00 PM | Amanda Jamieson, Ph.D. Assistant Professor, Brown University | <i>Tolerance of polymicrobial infections of the lung: Innate Immune Responses and the Microbiome</i> |

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| 4:00 – 4:30 PM | Guilhem Richard, Ph.D. Computational Immunologist EpiVax, Inc. | <i>JanusMatrix Applications: Malaria, Filaria, and Chagas disease, oh my!</i> |
| 4:30 - 5:30 PM | iCubed Board Meeting | Brown Board Room (2nd Floor) |

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| 6:00 PM | Speaker Dinner | New Rivers |
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**8th Annual Vaccine Renaissance Conference
Tuesday - October 14, 2014**

**Hotel Providence
139 Mathewson Street, Providence, RI**

| Times | Presenter(s) | Subject(s) |
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| 8:30 AM | Breakfast | <i>Lobby</i> |
| One Health/Animal Vaccines Paulo Verardi, Ph.D. (Session Co- Chair) Antonio Garmendia, M.V., Ph.D. (Session Co-Chair) Crystal Loving, Ph.D. (Session Co-Chair) | | |
| 9:00 – 9:10 AM | Senator Sheldon Whitehouse <i>State of Rhode Island</i> | <i>Welcome</i> |

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| 9:15 – 9:45 AM | John Julias, Ph.D. S&T Program Manager United States Department of Homeland Security | <i>Relevance of Animal Infectious Diseases to Animal (and “One) Health for Biodefense</i> |
| 9:45 – 10:15 AM | Amy Vincent, Ph.D., D.M.V. Research Veterinary Medical Officer United States Department of Agriculture | <i>Connecting the dots between swine influenza A virus surveillance and vaccines</i> |
| 10:15 – 10:45 AM | Doug Kern, D.V.M., M.S. VP Business Development VGX Animal Health | <i>How DNA Therapy Is Changing The Way We Look At Disease And Death In Animal Health</i> |
| 10:45 – 11:15 AM | Andres Gutierrez Nunez Research Assistant iCubed | <i>Development of a cross-conserved Influenza vaccine for swine</i> |
| 11:15 – 11:30 AM | Coffee Break and Poster Session | Lobby/2nd Floor |

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| Emerging Infectious Diseases (EID)/Biodefense Polly Matzinger, M.D. (Session Co-Chair) Alan Rothman M.D. (Session Co-Chair) | | |
| 11:30 – 12:00 PM | Edward T. Ryan, M.D. Director, Tropical Medicine Massachusetts General Hospital | <i>Host-pathogen interactions during cholera: implications for vaccine development</i> |
| 12:00 – 12:30 PM | Dan Hoft, M.D., Ph.D. Professor & Director, Division of Infectious Diseases, Allergy & Immunology Saint Louis University | <i>Chagas disease vaccine development</i> |
| 12:30 – 1:00 PM | Judd Walson, M.D. Co-Director START | <i>Emerging and Changing Patterns of Enteric Disease in Sub-Saharan Africa</i> |
| 1:00 - 2:30 PM | Lunch and Poster Session | Aspire |
| 2:30 – 3:00 PM | Stephen J. Thomas, M.D. Deputy Commander for Operation Walter Reed Army Institute of Research (WRAIR) | <i>Dengue Vaccine Clinical Development Updates and Interpretations</i> |
| 3:00 - 3:30 PM | Bruno Guy, Ph.D. Immunologist Sanofi Pasteur | <i>Dengue vaccine: challenges and perspectives</i> |

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| 3:30 – 4:00 PM | Coffee Break and Poster Session | Lobby/2nd Floor |
| 4:00 – 4:30 PM | Lewis Markoff, M.D., F.D.A. <i>Laboratory Chief F.D.A.</i> | <i>Vaccines against Vector Borne Virus Diseases</i> |
| 4:30 – 5:00 PM | Les Dupuy, Ph.D. <i>Principal Investigator, Virology Division, USAMRIID</i> | <i>A Multi-agent DNA Vaccine for Venezuelan, Eastern, and Western Equine Encephalitis Viruses Delivered by Electroporation</i> |
| 5:00 – 5:30 PM | Thomas Nutman, M.D. <i>Deputy Chief, Laboratory of Parasitic Disease, National Institute of Allergy and Infectious Disease</i> | <i>Regulatory T cells and immunomodulation in human filarial infections</i> |
| 5:30 – 6:00 PM | Paul Coussens, Ph.D. <i>Department of Animal Science Michigan State University</i> | <i>Interactions between M. paratuberculosis and bovine macrophages: Challenges and opportunities for vaccine development</i> |
| 6:00 – 7:30 PM | Welcome Reception <i>(Supported by EpiVax, Inc.)</i> | Aspire Lounge |
| 8:00 PM | Speaker Dinner | Gracie's |

**8th Annual Vaccine Renaissance Conference
Wednesday – October 15, 2014**

Hotel Providence

139 Mathewson Street, Providence, RI

| Times | Presenter(s) | Subject(s) |
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| 8:30 AM | Breakfast | <i>Hotel Providence Lobby</i> |
| <u>Cancer Vaccines and Immunotherapy</u> Steven Katz, M.D., FACS (Session Co-Chair) Loren Fast, Ph.D. (Session Co-Chair) | | |

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| 9:00 – 9:30 AM | Jennifer Smith, Ph.D., M.P.H. Associate Professor University of North Carolina Gillings School of Global Public Health | Global HPV vaccination for cervical cancer prevention |
| 9:30 – 10:00 AM | Daniela Verthelyi, M.D., Ph.D. Chief, Laboratory of Immunology Food and Drug Administration | Immunoprotective oligonucleotides in a model of cutaneous leishmaniasis |
| 10:00 – 10:30 AM | Kimberly A. Kraynyak, Ph.D. Inovio Pharmaceuticals | Induction of T-cells for Immunotherapy: Phase II Study Results from VGX-3100 HPV Specific Immunotherapy for Cervical Intraepithelial Neoplasia |
| 10:30 - 11:00 AM | Coffee Break and Poster Session | Lobby/2nd Floor |
| 11:00 – 11:30 AM | Steven Katz, M.D., FACS Director, Surgical Oncology Fellowship Roger Williams Medical Center Associate Professor of Surgery Boston University School of Medicine | HITM - Hepatic Immunotherapy for Metastases |
| 11:30 – 12:00 PM | Pietro Bertino, Ph.D. Assistant Researcher John A. Burns School of Medicine University of Hawaii | Pre-clinical development of highly immunogenic anti-Survivin vaccines for mesothelioma patients |
| 12:00 - 1:30 PM | Lunch and Poster Session *Poster Competition Judging | Aspire Lounge |
| <u>Human Microbiome Immunopathogenesis and Vaccines</u> Marcel Szein, M.D. (Session Chair) | | |
| 1:30 – 2:00 PM | Dirk G. Brockstedt, Ph.D. Senior Vice President, Research and Development Aduro BioTech, Inc. | Combination immunotherapies with CRS-207, a live-attenuated, double-deleted (LADD) <i>Listeria monocytogenes</i> targeting mesothelin-expressing tumors |
| 2:00 – 2:30 PM | Marcelo Szein Professor of Pediatrics, Medicine and Microbiology and Immunology University of Maryland School of Medicine | The live oral typhoid vaccine Ty21a induces cross reactive humoral and cell-mediated immune responses against <i>S. Paratyphi A</i> and <i>S. Paratyphi B</i> in humans |

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| 2:30 – 3:00 PM | Vanni Bucci, Ph.D. , Assistant Professor UMass Dartmouth | <i>Combining metagenomics with ecological modeling to ameliorate Clostridium difficile infection by microbiome reconstitution</i> |
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| Emerging Infectious Diseases (EID)/Biodefense Alan Rothman, M.D. (Session Co-Chair) | | |
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| 3:00 - 3:30 PM | Jake Kurtis, M.D., Ph.D. Professor, Department of Pathology and Laboratory Medicine Director, Center for International Health Research Brown University | <i>PfSEA-1 based vaccines for falciparum malaria</i> |
| 3:30 – 4:00 PM | Steve Meshnick, M.D., Ph.D. Professor of Epidemiology, University of North Carolina School of Medicine | <i>The GSK RTS,S malaria vaccine: why is the glass half-empty?</i> |
| 4:00 – 4:30 PM | Polly Matzinger, M.D. Immunologist National Institutes of Health | <i>When a tissue takes on its own defense</i> |
| 4:30 PM | Polly Matzinger Fearless Scientist Award Poster Awards | Ballroom |

8th Annual Vaccine Renaissance Conference
Thursday – October 16, 2014

University of Rhode Island
80 Washington Street, Providence, RI

| Times | Presenter(s) | Subject(s) |
|-------------------------|---|---|
| 9:30 AM | Breakfast | Outside Room 260A |
| 10:00 -10:30 AM | Annie De Groot, M.D. Director iCubed | Introduction Room 260A |
| 10:30 – 11:00 AM | Frances Terry Bioinformatics Program Manager EpiVax, Inc. Bill Martin Chief Information Office, Chief Operations Officer EpiVax, Inc. | Review of iVAX and ISPRI |
| 11:00 – 11:30 AM | Loren Fast, Ph.D. CMI Core Director iCubed | Functional analysis of immunogenic epitopes |
| 11:30 – 12:00 PM | Ryan Tassone Project Manager iCubed | JanusMatrix |

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| 12:00 -1:00 PM | Lunch | Outside Room 260A |
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| Concurrent Session CMI Core Lab Training – Room 332 | | |
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| 1:00 – 4:00 PM | Loren Fast, Ph.D. CMI Core Director iCubed Joe Desrosiers CMI Core Lab Manager iCubed | <u>Immunology Laboratory Techniques</u> HLA typing Flow Cytometry Phosphoflo/Flow Cytometry ELISpot – Room 332 |

Concurrent Session
Informatics Training – Room 301D

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| 1:00 – 4:00 PM | <p>William Martin <i>Chief Information Office, Chief Operations Officer</i> <i>EpiVax, Inc.</i></p> <p>Frances Terry <i>Bioinformatics Project Manager</i> <i>EpiVax, Inc.</i></p> | <p><i>ISPRI</i> <i>iVAX</i> <i>JanusMatrix</i> <i>Hands-on Immunoinformatics Training</i></p> |
| 4:00 – 4:30 PM | <p>Annie De Groot, M.D. <i>Director</i> <i>iCubed</i></p> | <p><i>Future Plans, Appreciations, and Close Room 260A</i></p> |