Tick Genomics and the Future of Tick Research

University of Maryland School of Medicine, Baltimore, MD

MAY 22-23, 2004
Saturday, May 22

7:00 - 8:00 Continental Breakfast
   (HSF II 4th floor lobby)

8:00 - 8:25 – Welcome/Opening Remarks – Abdu Azad
   (HSF II 6th floor conference room)

Session I – Opportunities For Tick Research In The Genomics Era
Co-Chairs: Dan Sonenshine/Jim Oliver

8:25 - 9:15 – Keynote Speaker - Stephen Wikel – Current Trends and Opportunities for Tick Research

9:15 - 9:50 – Dan Sonenshine – New Control Strategies to Exploit Tick Biology/Physiology/ Behavior

9:50 - 10:05 – Coffee Break
   (HSF II 4th floor lobby)

10:05 - 10:40 – Ivo Francischetti – Tick Pharmacology: Mining the Sialome


11:15 - 11:50 – Albert Mulenga – Tick/ Pathogen Relationships and Vector Competence

11:50 - 12:25 – Hans Klompen - Tick Phylogeny and Genomics: Two Sides of the Same Coin?
12:25 - 1:35 Lunch and Poster presentation (HSF II 4th floor lobby)

Session II – Applications of Genomics for Tick Research
Co-Chairs: Cate Hill/Vish Nene


2:10 - 2:45 – Lynn Crosby – FlyBase and Comparative Genomics

2:45 - 3:00 – Coffee Break (HSF II 4th floor lobby)

3:00 - 3:35 – Martin Hammond – Genome Projects: Genome Databases and Bioinformatics

3:35 - 4:10 – Amy Ullmann – Progress Towards Genetic Maps/Ixodid Tick Genome Size Determinations

4:10 – 4:45 – Maria Giovanni – NIAID Vision for Arthropod Genomics and Proteomics

4:45 – 5:20 -- Joe Piesman – CDC Vision for Tick Genomics

5:20-5:45 – Free Time

5:45-7:00 – Reception (HSF II 4th floor lobby)

7:00-8:00 – Keynote Speaker – Frank Collins – Lessons From the Anopheles gambiae Genome Project
Sunday, May 23

7:30-8:30 – Continental Breakfast
(HSF II 4th floor lobby)

Session III– Tick Genome Workshop
Co-Chairs: Stephen Wikel/Frank Collins

8:30-9:05 – Jay D. Evans – Progress in Honey Bee Genomics and Genetics

9:05-9:40 – Cate Hill – Ixodes scapularis Genome Project

9:40-9:55 – Coffee Break
(HSF II 4th floor lobby)

9:55 – 10:30 – USDA: Felix Guerrero/ Kevin Temeye/Pia Untalan– Boophilus microplus Research Priorities

10:30 –12:30 – Round Table Discussion (Discussion of Recent Progress, Status of Genome Projects, and Planning of Future Genome Project Strategies)