LEPROSY AWARENESS IN THE U.S.

Awareness and Management of a Rare Disease—Leprosy—in the United States

April 16, 17, 2009
Bethesda, MD

Clinical Session: Lack of Leprosy Awareness in the U.S. and Services Provided to Physicians by the National Hansen’s Disease Programs (NHDP)

Scientific Session: Leprosy Research Update (Program for Rare Disease Meeting – NIH)

PURPOSE of the Clinical Session:

To Increase in physicians and other healthcare providers an:

- Awareness of Hansen’s Disease (HD) in the U.S.
- Understanding of the current concepts in diagnosis and treatment of HD.

TARGET AUDIENCE

Physicians: Infectious Diseases, Dermatology, Family and General Practice

Nurses: including Public Health and Community Health

Researchers: for the scientific community to outline and discuss scientific updates on the immunology and genetics of leprosy, leprosy reactions, nerve damage, mechanisms of mycobacteria infection and innate immune response.
April 16, 2009  MORNING CLINICAL SESSION

5635 Fisher’s Lane (Rockville, MD) – Conference Room T500

8:30am       Welcome
             (Dr. Elizabeth P. Sampaio / Dr. Steven M. Holland)

8:45am:     Overview of the NHDP program and need for leprosy awareness in U.S.
             (Dr. James Krahenbuhl)

9:05 am:    World & U.S. epidemiology of leprosy and U.S. endemic leprosy
             (Dr. Richard Truman)

9:30 am:    Clinical/immuno/histo-pathological spectrum of HD
             (Dr. David Scollard)

10:00 am:   coffee break

10:15 am:   Diagnosis, Treatment and management of Reactions
             (Dr. Barbara Stryjewska)

11:15       Local case presentations – NIH clinical group
             (Drs. Tara Palmore, Maria Turner, Alexandra Freeman)

             Q&A (all speakers)

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12pm -1pm Working Lunch = Summary of morning session discussion and report

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20 min each speaker
5635 Fisher’s Lane (Rockville, MD) – Conference Room T500

Start: 1pm

Dr. Tom Gillis (NHDP) – “Genomics of *Mycobacterium leprae*: Gene expression, vaccine development and strain typing”

Dr. Linda Adams (NHDP) – “KO mice and response to M. leprae infection "Knock-out mouse strains as models for the spectrum of leprosy”

Dr. Elizabeth Sampaio (NIH / FIOCRUZ) – “Mycobacterial modulation of innate immunity”

Dr. Steven M. Holland (NIH) – “Host genetic deficiencies”

Dr. Tom Hawn (Univ. Washington, Seattle) – "Innate Immunity Variation and Leprosy Susceptibility"

Coffee break

Dr. J. Nery (FIOCRUZ, Brazil) – “Treatment of leprosy reactions in an endemic setting”

Dr. David Scollard (NHDP) – “Potential Cytokine and Chemokine Markers of Reactions”

Dr. Dick Truman (NHDP) – “The armadillo: a natural model for leprosy and peripheral neuropathy”

Break 5min

Dr. Ximena Illarramendi (FIOCRUZ, Brazil) – “HIV and leprosy co-infection IRIS and reactions”

Dr. David Kastrinsky (NIH) – “An Introduction to *M. leprae* Cell Wall Associated Lipids”

Dr. G. Kaplan (Univ. Medicine and Dentistry, NJ) – "Mycobacterium leprae Primes Human Monocytes for TLR-Dependent Cytokine Production"

April 17, 2009
NIAID Friday Grand Rounds
8:30 am - 9:30 am

Bldg. 10CRC, Conference Room 2-3330
NIH, Clinical Center, Bethesda, Maryland

Dr. Tom Hawn
University of Washington
School of Medicine, Seattle

"Innate Immunity & Mycobacteria: Searching for Constants Among Variants"

9:30-11:30am

Conference room – NIH Clinical Center, bldg 10 - Conference Room 10/2C310

Final discussion and meeting conclusion

Meeting report