PROGRAM OF THE TENTH JOINT LEPROSY RESEARCH CONFERENCE

Contents

27 October 1975, Monday

Registration; Opening and Introductory Remarks: Dr. Earl S. Beck, Chief, Geographic Medicine Branch, NIAID, and Dr. Charles C. Shepard, Chairman, U.S. Leprosy Panel

Morning Session: Co-Chairmen: Dr. M. Abe
Dr. C. C. Shepard

Nakamura, M. Experiments for transplantable multiplication of \textit{M. lepraemurium} in cell-free liquid medium.

Dhople, A. M. and Hanks, J. H. Factors that influence the growth of \textit{M. lepraemurium} in the Nakamura’s system.

Ogawa, T. Attempts at growth of \textit{M. leprae} in mice and observations on a case of probable contamination with another acid-fast bacillus.

Matsuo, Y. Attempts at cultivation of \textit{M. leprae} in cell culture.

Ito, T. A31 cell as a host of \textit{M. lepraemurium} and \textit{M. leprae}.

Chang, Y. T. Growth of macrophages obtained from various sources.

Prabhakaran, K., Harris, E. B. and Kirchheimer, W. F. Binding of \textsuperscript{14}C-labeled DO-PA by \textit{M. leprae} in vitro.

Drutz, D. J. Progress in the radio-labeling of \textit{M. leprae}.

Skinsnes, O. K. and Matsuo, E. \textit{In vitro} cultivation of leprosy bacilli.

Afternoon Session: Co-Chairmen: Dr. T. Ito
D. W. E. Bullock

Yamagami, A. Murine leprosy infections in mouse mesenteries.

Fieldsteel, A. H. and Levy, L. Multiplication of \textit{M. leprae} from large inocula in neontally thymectomized Lewis rats.

Binford, C. H., Storrs, E. E. and Walsh, G. P. Disseminated infection in the nine-banded armadillo (\textit{Dasypus novemcinctus}) resulting from inoculation with \textit{M. leprae}.

Kirchheimer, W. F. and Sanchez, R. M. (A) Quantitative aspects of leprosy in armadillos.


Kirchheimer, W. F. Discussion: Delayed hypersensitivity tests with \textit{M. leprae} protein in leprous and nonleprous persons.

Draper, P. Cell walls of \textit{M. leprae}.

Rees, R. J. W. and McDougall, A. C. Airborne infection with \textit{M. leprae} in mice.

Kirchheimer, W. F. Discussion: The role of arthropods in the transmission of leprosy.

Rees, R. J. W. Discussion: Nasal infection and transmission of leprosy.

Program of the Tenth Joint Leprosy Research Conference

28 October 1975, Tuesday

Morning Session: Co-Chairmen: Dr. M. Nakamura
Dr. R. R. Jacobson

Colston, M. J. and Hilson, G. R. F. The activity of thiacetazone, thiambutosine and thiocarlide in the chemotherapy of experimental leprosy.

Gelber, R. H. and Levy, L. The effect of dihydrofolate reductase inhibitors on M. leprae in the mouse foot pad.


Shepard, C. C. Combinations involving dapsone, rifampin, clofazimine and ethionamide in the treatment of M. leprae infections in mice.

Afternoon Session: Co-Chairmen: Dr. M. Nishiura
Dr. N. E. Morrison


Waters, M. F. R., Pearson, J. M. H. and Rees, R. J. W. Drug resistant leprosy—a comparison between proven dapsone and proven thiambutosine resistance.

Levy, L., Shepard, C. C. and Fasal, P. The bactericidal effect of rifampicin on M. leprae in man: a) single doses of 600, 900, and 1200 mg; and b) daily doses of 300 mg.


Kirchheimer, W. F. Film on armadillos.

29 October 1975, Wednesday

Morning Session: Co-Chairmen: Dr. T. Ogawa
Dr. R. S. Weiser

Welch, T. M. and Levy, L. Preliminary studies with the lymph node lymphocytes of M. leprae infected mice.

Krahenbuhl, J. L., Welch, T. M. and Levy, L. The presence of systemic and local activated macrophages in mice infected in the foot pad with M. leprae and M. marinum.


Shepard, C. C. Vaccination of mice against M. leprae infection.


**Afternoon Session: Co-Chairmen:** Dr. M. Namba
Dr. B. R. Bloom


Rea, T. H., Quismorio, F., Harding, B., Friou, G. and Levan, N. Quantitative dinitrochlorobenzene (DNCB) responsivity and phytohemagglutinin (PHA) induced lymphocyte transformation in patients with lepromatous leprosy.


Barnetson, R. St. C., Bjune, G., Pearson, J. M. H. and Kronvall, G. Cell-mediated and humoral immunity in “reversal reactions.”


Sansarricq, H., Torrigiani, G. and Walter, J. (A) The WHO Program for Research on Immunology of Leprosy (IMMLEP): Background and management.

Rees, R. J. W. (B) The WHO Program for Research on Immunology of Leprosy (IMMLEP): Some areas of scientific progress.

Convit, J., Pinardi, M. E. and Aranzazu, N. Discussion: Comparative study of the 48-hour response to soluble antigens obtained from human and armadillo leprosy material in lepromatous leprosy patients and normal persons, and contacts of leprosy patients.

Namba, M., Chairman, Japanese Leprosy Panel. Closing remarks.

Joint U.S.-Japan Leprosy Panels Meeting.