THE NATIONAL NEUROFIBROMATOSIS FOUNDATION announces the availability of YOUNG INVESTIGATOR AWARDS which will provide salary support not to exceed $35,000 annually for periods up to two years and RESEARCH GRANTS which will provide up to $50,000 for up to 2 years for research on the cause and treatment of neurofibromatosis. The deadline for filing applications for awards to be activated during the 1988–1989 academic year is April 1, 1988. For information or applications please contact: The National Neurofibromatosis Foundation 141 Fifth Avenue, Suite 7-S New York, NY 10010 (212) 460-8980 1-800-323-7938 outside New York State

THE HAYASHIBARA INTERNATIONAL CANCER RESEARCH FELLOWSHIP

The Hayashibara Mutual Aid Fund (Hayashibara Kyosaikai, Chairman of Board of Trustees: Ken Hayashibara) a non-profit making organization within the Hayashibara Group, announces a newly created fellowship program. Two awards will be made annually. Fellowship will be taken up at the newly opened Fujisaki Cell Center which is devoted for the basic and applied research related to the programs in human cancer. The Fellowship is normally made for one year and is renewable for up to five years. The awards are for high quality research work in one of the three categories described below.

1. Fundamental Leukemia-Lymphoma Research
2. Cytokine-Lymphokine Research
3. Hematopoietic Cell Lines

Qualified person who is holding a Ph.D., M.D. or equivalent qualification should make inquiry for additional information and application forms from Jun Minowada, M.D., Director, Fujisaki Cell Center, 675-1, Fujisaki, Okayama 702, Japan.


Since then a large body of evidence has been amassed on the metabolic activation, carcinogenicity, and organ specificity of alkaloid-derived nitrosamines from tobacco and their etiological potential when either inhaled or taken in chewing or sniffing.

Pictured are Dietrich Hoffmann (left) and Stephen S. Hecht (right) and a diagram illustrating reactions of the tobacco alkaloids. N-Nitrosonornicotine (NNN), the first nicotine-derived nitrosamine, identified in tobacco in 1974, is shown in the scheme together with 4-(methylnitrosamino)-1-(3-pyridyl)-butan-1-ol (NNAL), 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK), N-nitrosoanatabine (NAT), and N-nitrosoanabasine (NAB). Metabolism studies have now demonstrated the DNA-alkylating potential of several of these tobacco-specific N-nitrosamines.

We are indebted to John Weisburger for assistance in preparation of the legend.

M. B. S.