PROGRAM PLANNING COMMITTEE

Co-Chairmen

Ernst L. Wynder
James A. Peters
Stefano Vivona

Committee Members

Arnold L. Brown
Gio B. Gori
Willis A. Gortner
Arthur I. Holleb
Mortimer B. Lipsett
Morton K. Schwartz
Frederick J. Stare
Sidney Weinhouse
John H. Weisburger
Gerald N. Wogan

PROGRAM

List of Participants 3235

Foreword.

Jack W. Milder 3237

SESSION I

General Overview

James A. Peters, Chairman

Introductory Remarks.

Ernst L. Wynder 3238

Cancer Epidemiology in Populations of the United States—with Emphasis on Hawaii and California—and Japan.

John E. Dunn, Jr. 3240


Willis A. Gortner 3246

Incidence of Stomach Cancer and Its Relation to Dietary Habits and Nutrition in Japan between 1900 and 1975.

Toshio Oiso 3254

Dietary Patterns among Men of Japanese Ancestry in Hawaii.

Jean H. Hankin, Abraham Nomura, and George G. Rhoads 3259

Cancer Incidence in the United States and Puerto Rico.

Isidro Martinez, Raquel Torres, and Zenaida Frías 3265

Nutrition in Puerto Rico.

Nelson A. Fernández 3272

Nutrition and Experimental Carcinogenesis: A Review.

David B. Clayson 3292


James A. Peters 3301

Alcoholism and Nutritional Imbalance

Joseph Feldman, Chairman

Cancer of the Upper Alimentary Tract

Some Aspects of the Epidemiology of Esophageal Cancer.

N. E. Day 3304

Relationship of Plummer-Vinson’s Disease to Cancer of the Upper Alimentary Tract in Sweden

Lars-Gunnar Larsson, Anita Sandström, and Per Westling 3308

Nutrition and Tumor Immunity: Divergent Effects of Antitumor Antibody.

David M. Bull 3317

Possible Role of Nutrients in Neoplasia.

Joseph J. Vitale 3320

Effects of Dietary Constituents on the Metabolism of Chemical Carcinogens.

Lee W. Wattenberg 3326

Is There a Role for Mitochondrial Genes in Carcinogenesis?

Henry D. Hoberman 3332

3232 CANCER RESEARCH VOL. 35
Nutritional Imbalances Other Than Those Associated with Alcoholism

Alcohol and Alcohol-related Deficiencies as Carcinogens.
  Joseph J. Vitale and Leonard S. Gottlieb .................................................. 3336

Origins of Nutritional Imbalance in Cancer.
  S. D. Morrison .................................................................................................. 3339

Summary of the Informal Discussion of Alcoholism and Nutritional Imbalance.
  Joseph Feldman ...................................................................................... 3343

SESSION II
Dietary Factors and Hormone-dependent Cancers
  Arthur I. Holleb, Chairman

Can Nutrition Explain the Pattern of International Epidemiology of Hormone-dependent Cancers?
  John W. Berg .............................................................................................. 3345

Breast Cancer Incidence and Nutritional Status with Particular Reference to Body Weight and Height.
  F. de Waard ................................................................................................. 3351

Formal Discussion of “Breast Cancer Incidence and Nutritional Status with Particular Reference to Body Weight and Height.”
  Brian MacMahon ....................................................................................... 3357

Hormones, Nutrition, and Cancer.
  Mortimer B. Lipsett .................................................................................. 3359

Estrogen Receptors in Hormone-dependent Breast Cancers.
  Elwood V. Jensen ...................................................................................... 3362

Hormone Profiles in Hormone-dependent Cancers.
  Barnett Zumoff, Jack Fishman, H. Leon Bradlow, and Leon Hellman ............ 3365

Experimental Evidence of Dietary Factors and Hormone-dependent Cancers.
  Kenneth K. Carroll ................................................................................... 3374

Dietary Fat and Growth Promotion of Rat Mammary Tumors.
  Po-Chuen Chan and Leonard A. Cohen ..................................................... 3384

Summary of the Informal Discussion of Dietary Factors and Hormone-dependent Cancers.
  Arthur I. Holleb ....................................................................................... 3387

Dietary Factors and Cancer of the Large Bowel
  Gio B. Gori, Chairman

The Epidemiology of Large Bowel Cancer.
  Ernst L. Wynder ....................................................................................... 3388

Comments on the Epidemiology of Large Bowel Cancer.
  Pelayo Correa ........................................................................................... 3395

Metabolic Epidemiology of Dietary Factors in Large Bowel Cancer.
  Michael J. Hill .......................................................................................... 3398

Further Leads on Metabolic Epidemiology of Large Bowel Cancer.
  Bandaru S. Reddy, Anthony Mastromarino, and Ernst L. Wynder ................. 3403

Fecal Bacteriology of Colonic Polyp Patients and Control Patients.
  Sydney M. Finegold, Dennis J. Flora, Howard R. Attebery, and Vera L. Sutter 3407

Discussion of Current Bacteriological Investigations of the Relationships between Intestinal Flora, Diet, and Colon Cancer.
  W. E. C. Moore and L. V. Holdeman ....................................................... 3418


Dietary Effects on Chemical Carcinogenesis in Animal Models for Colon and Liver Tumors.
  Adrienne E. Rogers and Paul M. Newberne ............................................. 3427

Summary of the Informal Discussion of Dietary Factors and Cancer of the Large Bowel.
  Gio B. Gori ............................................................................................... 3432

SESSION III
Cancers of the Pancreas and Stomach and Miscellaneous Dietary Factors
  Guy R. Newell, Chairman

Pancreatic Cancer (Gallbladder)

Cancers of the Pancreas and Biliary Tract: Epidemiological Considerations.
  Joseph F. Fraumeni, Jr. ................................................................. 3437

NOVEMBER 3233
Formal Discussion of “Cancers of the Pancreas and Biliary Tract: Epidemiological Considerations.”
Edward I. Goldsmith ................................................................. 3447
Formal Discussion of “Cancers of the Pancreas and Biliary Tract: Epidemiological Considerations.”
David Kritchevsky ................................................................. 3450

Stomach Cancer
Developments in the Epidemiology of Stomach Cancer over the Past Decade.
William Haenszel and Pelayo Correa ........................................... 3452
Epidemiology of Cancer of the Stomach with Special Reference to Its Recent Decrease in Japan.
Takeshi Hirayama ................................................................. 3460
Future Inquiries into the Epidemiology of Gastric Cancer.
Saxon Graham ................................................................. 3464
Dietary Factors and the Etiology of Gastric Cancer.
John H. Weisburger and Ronald Raineri ........................................... 3469

Miscellaneous Dietary Factors
Potential Carcinogenicity of Food Additives and Contaminants.
Philippe Shubik ................................................................. 3475
Role of Trace Elements in Cancer.
Morton K. Schwartz ................................................................. 3481
Summary of the Informal Discussion of Cancers of the Pancreas and Stomach and Miscellaneous Dietary Factors.
Guy R. Newell ................................................................. 3488

SESSION IV
Dietary Factors and Special Epidemiological Situations
Marvin A. Schneiderman, Chairman

Dietary Factors and Esophageal Cancer in the Caspian Littoral of Iran.
H. Hormozdiari, N. E. Day, B. Aramesh, and E. Mahboubi ........................................... 3493
Dietary Factors and Special Epidemiological Situations of Liver Cancer in Thailand and Africa.
G. N. Wogan ................................................................. 3499
Dietary Factors and Cancer in Israel.
Baruch Modan, Vita Barelli, Flora Lubin, and Michae/a Modan ........................................... 3503
Cancer in United States Jews.
Peter Greenwald, Robert F. Korns, Philip C. Nasca, and Patricia E. Wolfgang ........................................... 3507
Role of Life-style and Dietary Habits in Risk of Cancer among Seventh-Day Adventists.
Roland L. Phillips ................................................................. 3513
Incidence of Cancer in United States Blacks.
John L. Young, Jr., Susan S. Devesa, and Sidney J. Cutler ........................................... 3523
Relevance of Animal Studies to Human Disease.
D. Mark Hegsted ................................................................. 3537
Summary of the Informal Discussion of Dietary Factors and Special Epidemiological Situations.
Marvin A. Schneiderman ................................................................. 3540

SUMMATION

Summary of the Conference on Nutrition in the Causation of Cancer.
D. M. Hegsted ................................................................. 3541
National Cancer Institute Program on Nutrition and Cancer.
James A. Peters ................................................................. 3544
The Diet, Nutrition, and Cancer Program of the NCI National Cancer Program.
Gio B. Gori ................................................................. 3545
Ernst L. Wynder ................................................................. 3548
35 (11 Part 2)


**Updated version**
Access the most recent version of this article at:
http://cancerres.aacrjournals.org/content/35/11_Part_2.citation

**E-mail alerts**
Sign up to receive free email-alerts related to this article or journal.

**Reprints and Subscriptions**
To order reprints of this article or to subscribe to the journal, contact the AACR Publications Department at pubs@aacr.org.

**Permissions**
To request permission to re-use all or part of this article, use this link
http://cancerres.aacrjournals.org/content/35/11_Part_2.citation.
Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.