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
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

Bandaru S. Reddy, T. Narisawa, R. Maronpot, John H. Weisburger, and E. L. Wynder ......................................................... 3421

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

Downloaded from cancerres.aacrjournals.org on April 14, 2017. © 1975 American Association for Cancer Research.
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 Barell, Flora Lubin, and Michaela 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