

Contents

Introduction	
W. WEBER	1
Introduction to the Seminar	
G. NOSEDA	3
 Aetiology and Epidemiology	
Markovian Models as a Tool in Epidemiology	
M. GEBHARDT, M. BUSER, W. WEBER, S. MOSIMANN, J. TORHORST and Hj. MÜLLER	7
Familial Adenomatous Polyposis: Current Status in Switzerland	
R. J. SCOTT, M. SPYCHER, W. WEBER and Hj. MÜLLER	13
Down-Regulation of a Cell-Surface Glycoprotein Correlated with Rearrangement of Chromosome 1 in Human Breast Cancer Cells	
S. A. IMAM, L. A. MILLS, S. PATHAK and C. R. TAYLOR	17
Gastric Cancer in Hawaii Japanese: A Family Study	
G. N. STEMMERMANN	23
Increased Number of Multiple Melanomas in Sporadic and Familial Variants of Dysplastic Naevus Syndrome	
CH. SIGG	27
Family History in Clinical Trials: Experience of the IBCSG and the SAKK	
M. CASTIGLIONE-GERTSCH	31
Aetiology and Epidemiology – Report of Rapporteur	
R. H. SIJMONS	35
 Lynch Syndromes	
Lynch Syndromes I and II – Natural History, Diagnosis and Control Strategies	
H. T. LYNCH, J. F. LYNCH and G. CRISTOFARO	39
Cost-Benefit Implications in the Surveillance of Lynch Syndrome Subjects	
G. CRISTOFARO, E. CARROZZO, F. GENTILE and E. DI GIULIO	45

Treatment

Is Endoscopy Still Controversial in Secondary Prevention of Colon Cancer ? R. MEIER and K. GYR	53
Preventive Surgery M. ZUBER, U. LAFFER and F. HARDER	59
Desmoids in Gardner's Syndrome: A Challenge for Surgeons S. MARTINOLI, L. MARIANI and A. GOLDBIRSHCH	65
Radiation and Cancer Prevention J.M. HAEFLIGER	69
Chemoprevention W. WEBER and S. KUBBA	73

Familial Cancer Control

Cancer Prevention Through Genetic Counselling Hj. MÜLLER	77
Identification of Persons at High Risk for Cancer: A Delay in UV-Induced DNA Repair is Correlated with Multiple Skin Cancer M. ROTH, Hj. MÜLLER, U. W. SCHNYDER, F. PELLONI, J. M. BOYLE and C. SIGG	79
The Nurse's Role in Familial Cancer H. STOLL	87
Screening for Colorectal Neoplasia in Families B. M. STEPHENSON, V. A. MURDAY, P. J. FINAN and D. T. BISHOP	91
Risk Assessment in Hereditary Breast Cancer S. A. NAROD	95
A Screening Programme for Medullary Thyroid Carcinoma and Breast Cancer for Families at High Risk H. SOBOL	99
Familial Cancer Control – Report of Rapporteur P. A. DALY	103
A Clinical Study of Familial Cancer in Japan T. NOMIZU, R. ABE, A. TSUCHIYA, J. UTSUNOMIYA, F. WATANABE and Y. YAMAKI	105
DNA Diagnosis in Families with Hereditary Forms of Cancer H. F. A. VASEN, Hj. MÜLLER and P. MEERA KHAN	113

UICC Strategy Meeting

Familial Cancer Among Cancer Patients Registered at the Aichi Cancer Registry –
Heterogeneity of Aggregation of Familial Cancer

K. AOIKI and H. OGAWA 119

Report of the First UICC Strategy Meeting on Familial Cancer

W. WEBER 123