

Advances in Management of Malignancies

Sixth International Congress
Pisa (Italy), October 3-4, 2000

Palazzo dei Congressi
Via Matteotti, 1

October 3

Carcinogenesis and tumor progression

Chairpersons: **G. Mathé** (Paris, F)

M. Pontieri (Rome, I)

- 10.35 **N. Ferrara** (San Francisco, USA)
The role of VEGF in the regulation of normal and abnormal angiogenesis
- 10.45 **G. Mathé** (Paris, F)
The common treatment of dysplasias
- 11.00 **T.H.M. Stewart, D.W. Cameron** (Ottawa), **R.D. Sage** (Santa Barbara), **A.F.R. Stewart** (Pittsburgh), **P. Etkind** (Bronx)
In search of the cause of human cancers from viral oncogenesis in animals to zoonosis
- 11.15 **C. Mittermayer** (Aachen, D)
Molecular - Pathological aspects of metastasis
- 11.30 **M. Morganti, T. Milone, R. Di Stefano, A. Carpi, A. Sagripanti** (Pisa, I), **C. Mittermayer** (Aachen, D)
Ticlopidin reduces adhesion between human endothelial and colon tumor cells in a cell coculture system
- 11.35 Discussion

Thyroid tumors

Chairpersons: **M. Fisher** (Kassel, D)

A. Carpi (Pisa, I)

- 11.45 **M. Fisher** (Kassel, D)
Introduction
- 11.50 **J. Rüschoff** (Kassel, D)
New pathologic aspects
- 12.00 **U. Langenbeck** (Frankfurt, D)
Genetic and cell-genetic. Aspects of non-medullary thyroid carcinoma
- 12.10 **A.K. Padhy** (Vien, A)
Incidence, clinical and therapeutic aspects of thyroid cancer in Asia
- 12.25 **C. Reiners, J. Biko, Y.E. Demidchik, V. Drozd** (Würzburg, Minsk, Belarus)
Thyroid cancer after the Chernobyl reactor accident
- 12.35 **R. De May** (Chicago, USA)
Cytodiagnosis of follicular lesions of the thyroid

- 12.50 **A. Carpi, C. Righi, A. Nicolini, A. Sagripanti, R. Romani, G. Di Coscio** (Pisa, I),
C. De Gaudio (Prato, I)
Large needle aspiration biopsy diagnosis for preoperative selection of palpable thyroid nodules diagnosed by FNA as "suspected cancer" or "microfollicular nodule with atypical cells": extended observation
- 13.00 **D. Casara, D. Rubello** (Padua, I)
Clinical role of 99m Tc-MIBI scan in medullary thyroid carcinoma staging and follow-up
- 13.10 **M. Fischer** (Kassel, D)
Thyroid cancer treatment protocols
Discussion
Lunch

Parathyroid Tumors

- Chairpersons: **R. Giubbini** (Brescia, I)
D. Casara (Padua, I)
- 14.30 **B. Shapiro**(Ann Arbor, USA)
Locating parathyroid lesions
- 14.45 **D. Rubello, A. Piotto, M.R. Pelizzo, D. Casara** (Padua, I)
Parathyroid scintigraphy: a new and effective procedure using 99mTcO₄ plus perchlorate/99mTc-MIBI subtraction technique
- 14.55 **M.R. Pelizzo, A. Piotto, A. Bergamasco, C. Pagetta, D. Rubello, D. Casara** (Padua, I)
Parathyroid carcinoma: therapeutic strategy derived from 20 years of experience
- 15.10 Discussion

Breast Cancer

Perioperative management

- Chairpersons: **E. Bombardieri** (Milan, I)
G. Madeddu (Sassari, I)
- 15.20 **S. Lastoria** (Naples, I)
Breast scintigraphy
- 15.30 **F. Crippa** (Milan, I)
PET
- 15.40 **G. Trecate** (Milan, I)
NMR
- 15.50 **S. Bergonzi** (Milan, I)
Mammography
- 16.00 **G. Viotto** (Bergamo, I)
Marker of lesion
- 16.10 **A. Spanu, G. Madeddu** (Sassari, I)
Axillary lymph node scintigraphy: a new technique
- 16.25 **V. Briganti, F. Meucci, L. Vaggelli, R. Masi, V. Distante, L. Cataliotti, A.**

Castagnoli, S. Bianchi, A. Petrolo, L. Orzalesi (Florence, I)

99m-Tc-Tetrofosmin SPET scan qualitative and quantitative evaluation in detecting breast cancer lymph node involvement: can it save axillary lymph node dissection?

- 16.35 **S. Sandrucci** (Turin, I)
Lymphoscintigraphy and sentinel lymph node
- 16.45 Discussion

Postoperative management

Chairpersons: **A.M. Neville** (London, UK)
R.J. Cote (Los Angeles, USA)

- 16.55 **A.M. Neville** (London, UK)
Towards the improved detection and monitoring of breast cancer
- 17.15 **A.M. Neville** (London, UK), **R.J. Cote** (Los Angeles, USA)
Prognostic importance of lymph node and bone marrow occult metastases in patients with early stage cancer
- 17.35 **A. Nicolini, P. Ferrari, G. Tartarelli, L. Anselmi, A. Carpi** (Pisa, I)
The role of tumour markers in predicting bone, thoracic and liver metastases from breast cancer
- A. Nicolini, P. Ferrari, G. Tartarelli, L. Anselmi, M. Conte, P. Iacconi, C. Spinelli, P. Miccoli** (Pisa, I)
Tumour markers improve cost-effectiveness ratio of post-operative follow-up of breast cancer patients
- A. Nicolini, A. Carpi** (Pisa, I)
Therapy following "early" detection of relapse with the CEA-TPA-CA 15.3 panel after mastectomy prolongs overall survival
- 18.00 Discussion
- 18.30 Bus departure to San Romano
- 19.45 Dinner at the franciscan convent of San Romano

October 3

Room B

Test genetici nella diagnosi tumorale

Aspetti etici, giuridici, medico-legali nella medicina predittiva

Segreteria Scientifica

M. Immacolato (Direttore U.O. Medicina Legale, Massa), **G. Marsico** (Bioeticista, Borsista della Commissione Regionale di Bioetica, Regione Toscana)

In collaborazione con

Centro Universitario di Bioetica, Pisa C.E.L. Az. U.S.L. 1, Massa e Carrara

Introduce

M. Ermini (Direttore del Centro di Bioetica, Pisa)

Moderata

E. Ripepe (Giurista, Università degli Studi di Pisa)

Relatori

- 14.30 **F. De Stefano** (Medicina Legale, Università degli Studi di Cagliari)
M. Immacolato (Direttore U.O. Medicina Legale, Massa, Coordinatore C.E.L. Azienda U.S.L. 1)
Aspetti medico-legali
- 15.10 **M. Mori** (Bioeticista, Università di Torino, Membro Consulta Bioetica)
G. Marsico (Bioeticista, Commissione Regionale di Bioetica, Regione Toscana)
Aspetti etici
- 15.50 **A. Santosuosso** (Giudice, Tribunale di Milano)
Aspetti giuridici
- 16.10 **F. Torricelli** (Direttore U.O. Citogenetica e Genetica Careggi, Firenze)
C. Varesco (Genetista IST Genova)
Aspetti scientifici
- Dibattito

October 4

Radioguided surgery

Chairpersons: **B. Shapiro** (Ann Arbor, USA)

O. Geatti (Trieste, I)

- 09.00 **A. Piotto, C. Pagetta, M.R. Pelizzo, D. Rubello, D. Casara** (Padua, I)
Radio-guided minimally invasive parathyroidectomy performed using the intraoperative MIBI gamma probe technique: a prospective study on 41 patients
- 09.10 **F. Meggiolaro, G. Zavagno, D. Casara, M.C. Montesco, M. Lise** (Padua, I)
Sentinel node biopsys in breast cancer: methodological aspects of the GIVOM multicentric randomized trial
- 09.20 **M. Folletto, C.R. Rossi, D. Casara, D. Rubello, B. Scagnet, M.C. Montesco, A. Tregnaghi, M. Lise** (Padua, I)
Us scan and sentinel node biopsy in the early diagnosis of node metastases in melanoma patients
- 09.30 **M. Rudoni, G.M. Sacchetti, L. Leva, E. Inglese, G. Monesi, D. Minocci, B. Frea** (Novara, I)
Preliminary results of sentinel lymph node radioguided surgery in prostate cancer
- 09.40 **A. Chella, M.C. Ambrogi, G. Menconi, F. Melfi, A. Gonfiotti, G. Boni, M. Grosso, C.A. Angeletti** (Pisa, I)
Radioguided surgery of lung tumours
- 09.50 Discussion

Haematologic malignancies

Chairpersons: **E. Pogliani** (Monza, I)

G. Cartei (Aviano, I)

- 10.00 **O. Fabiani, A. Lanfranchi, A. Pirone, A. Sagripanti** (Pisa, I)
Platelets in essential thrombocythaemia: electron microscopic study
- 10.05 **A. Lanfranchi, A. Sagripanti, A. Pirone, O. Fabiani** (Pisa, I)
Ultrastructural analysis of neutrophilic granulocytes in human essential thrombocythaemia
- 10.10 **M. Bignotto, D. Cicognini, P. Tripputi** (Milan, I)
Chromosome 7 monosomy and deletions in myeloid disorders
- 10.20 **M. Bendandi** (Bologna, I)
Anti idiotipe vaccines for human follicular lymphoma
- 10.35 **P.L. Zinzani** (Bologna, I)
The use of purine analogs in non-Hodgkin's lymphoma
- 10.50 **B. Shapiro** (Ann Arbor, USA)
Treatment of lymphoma with $\beta 1$ radiolabeled antibody
- 11.05 **V. Sancassani, F. Rossini, E.M. Pogliani** (Monza, I)
Prognostic factors for progression, incidence of second malignancies and familiar neoplasias in a group of 347 chronic lymphocytic leukemias
- 11.10 Discussion

Cancer, infections and immune system

- Chairpersons: **R. Sage** (Santa Barbara, USA)
P. Giangrande (Oxford, UK)
- 11.20 **R. Sage** (Santa Barbara, USA)
Commemoration of doctor Tom Stewart
- R.D. Sage** (Santa Barbara, USA), **T.H.M. Stewart** (Ottawa, USA), **A.F.R. Stewart** (Pittsburgh, USA), **D.W. Cameron** (Ottawa, USA)
The MMTV theory for some human cancers - predictive fit of the epidemiological data
- P. Etkind, J. Pillitteri, P.H. Wiernik** (Bronx, USA), **A.F.R. Stewart** (Pittsburgh, USA)
Mouse mammary tumor virus (MMTV)-like envelope (ENV) gene sequences in human breast cancer, non-Hodgkin's lymphoma, and prostate cancer
- B.G.T. Pogo, S.M. Melana, Y. Wang, B. Lin, J.F. Holland** (New York, USA)
Identification of a retrovirus in human breast cancer
- 11.55 **C. Ferri, G. Longobardo, G. Porciello, P. Fadda** (Pisa, I), **A.L. Zignego, F. Giannelli, A. Mazzocca, M.E. Marrochi, S. Moscarella** (Florence, I), **S. Pileri** (Bologna, I)
Hepatitis C virus and B cell proliferation
- 12.10 Discussion
- 12.20 **F. Ambrogi** (Pisa, I)
Immunocompetence and cancer patient
- 12.30 **P.L.F. Giangrande** (Oxford, UK)
HIV related malignancies
- 12.45 **M. Bonadio** (Pisa, I)
Markers of sepsis in critically ill cancer patients
- 12.55 **G. Tarro, C. Esposito, A. Di Spirito, N. Cuomo, F. Morelli** (Naples, I), **A. Perna,**

F. Perna (Scafati, I)

Monoclonal antibody to tumor liberated protein (TLP): serological and immunohistochemical studies

G. Tarro (Naples, I), **A. Giordano** (Philadelphia, USA)

Characterization of a fragment containing a putative TLP cDNA sequence

G. Tarro (Naples, I), **A. Maio**, **M.L. Nolli** (Varese, I)

Production and characterization of anti-TLP derived peptide (RTNKEASIC) monoclonal antibodies

13.10 Discussion

Lunch

Progress in radiotherapy

Chairpersons: **L.W. Brady** (Philadelphia, USA)

L. Cionini (Pisa, I)

14.30 **L. W. Brady** (Philadelphia, USA)

Radiation therapy for benign and not so benign disease

14.50 **B. Shapiro** (Ann Arbor, USA)

Treatment of craniopharyngioma and cystic brain tumors with radiocolloids

15.10 **G. Silvano**, **L. Cionini**, **P. Salvadori**, **L. Menichetti**, **R. Campanella**, **F. Pastore** (Pisa, Rome, I)

Boron neutron capture therapy for glioblastoma: preliminary studies

15.20 **L. W. Brady** (Philadelphia, USA)

Radiation therapy for cancer of the prostate comparing 3dimensional reconstructed treatment planning and treatment delivery with 2dimensional treatment planning and treatment delivery

15.40 **R. Mazzarotto**, **C. Boso**, **M.G. Cesaro**, **G. Scarzello**, **D. Rubello**, **D. Casara**, **S. Aversa**, **S. Monfardini**, **G. Sotti** (Padua, I)

Radiotherapy alone in the treatment of clinically staged I-IIA, non bulky, Hodgkin's disease. A single institution experience on 73 patients staged with lymphangiography and laparoscopy

15.50 Discussion

Bloodless medicine

Chairpersons: **F. Mosca** (Pisa, I)

L.M. Sarteschi (Pisa, I)

16.00 **B. Borghi**, **F. Stagni**, **G. Brescia** (Bologna, I)

Blood conservation strategies

16.15 **E.M. Pogliani**, **P. Faccini**, **M. Fumagalli** (Milan, I)

Haematopoietic growth factors (HGFs): current status

16.30 **S. Rossini**, **P. Mazzanti**, **C. Massacesi**, **T. Battelli** (Ancona, I)

Bloodless oncology

16.45 **L.M. Sarteschi**, **S. Puccetti**, **A. Sagripanti** (Pisa, I)

Rationale for the development of red-cells substitutes and status of the research

16.55 **A. Sagripanti**, **L.M. Sarteschi**, **A. Carpi**, **F. Mosca** (Pisa, I)

Non-transfusional haemostatic agents

- 17.05 **F. Mosca** (Pisa, I)
Minimal blood utilization in surgery
- 17.20 **L.M. Sarteschi, M. Camici, A. Sagripanti** (Pisa, I)
Bleeding management in thrombocytopenic purpura: a case report
- 17.25 Discussion

Different topics

- Chairpersons: **A. Carpi** (Pisa, I)
A. Sagripanti (Pisa, I)
- 17.35 **C. Plank, P. Birner, A. Obermair, M. Schindl, G. Breitnecker, H. Kowalski, G. Oberhuber** (Vienna, A)
Lymphatic microvessel density as a novel prognostic factor in early stage invasive cervical cancer
- 17.40 **R.F. Basting, N. Djakovic** (Altötting, D)
Water jet resection technology in renal tumor surgery
- 17.50 **O. Giampietro, V. Cinapri, S. Quilici, G. Grandi, E. Matteucci** (Pisa, I), **S.I. Rizvi** (Allahabad, IND)
Erythrocyte sodium/hydrogen exchange inhibition by -epicatechin
- 17.55 **G. Lazzeri, C. Blandizzi, F. Fulceri, R. Danesi, M. Del Tacca** (Pisa, I)
Effects of MK-886 and L-745, 337 on growth and apoptosis in HT-29 colon cancer cells
- 18.00 **S. Voliani, M.A. Bertozzi, P. Rossi, F. Menchini Fabris** (Pisa, I)
Cancer and genetic risk
- 18.15 Discussion
- Closing ceremony
- 20.00 Farewell party

Dear Colleague,

we thank you for your participation and we hope you appreciate this scientific program which explores the pathophysiologic role of endothelium and reports new data on the origin of clinically important tumors as well as on their management.

Progress in experimental research, technology and clinical management is the basis of this congress program. To this purpose the collaboration of the co-organizing Institutions and the Advisory Committee has been precious.

Special thanks are due to the Italian Nuclear Medicine Association for its patronage to this congress in which many members are covering new important topics on cancer management. We can not forget to acknowledge the support of the Menarini International Foundation which continues since 1988.

We hope very much all these collaborations will permit the further editions of this meetings which pursue the ambitious aim to contribute to stimulate research and clinical progress on vascular diseases and cancer.

Please, feel free to send comments or suggestions for the next congress on 2002.

Organized by

Insegnamento di Semeiotica e Metodologia Clinica (Pisa)
Institut für Pathologie und Tumorzentrum (Aachen e.V.)
Centre of Competence in Biomaterials of RWTH (Aachen)
Department of Radiation Oncology,
Hahnemann University (Philadelphia, Pennsylvania)

Under the Patronage of

Facoltà di Medicina e Chirurgia dell'Università di Pisa
Associazione Italiana di Medicina Nucleare
Società Italiana di Andrologia
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General Organization

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