8th World Conference on Lung Cancer

Ireland

August 10 - 15 1997
University College, Dublin
# Board Members 1994-1997

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>P.A. Bunn, Jr</td>
<td><em>Division of Medical Oncology, University of Colorado Cancer Center</em></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Denver, Colorado, USA</td>
</tr>
<tr>
<td>President-Elect</td>
<td>G. Motta</td>
<td><em>University Degli Studi</em></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Genova, Italy</td>
</tr>
<tr>
<td>Vice-President</td>
<td>G.D. Sorensen</td>
<td><em>Department of Pathology</em></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dartmouth-Hitchcock Medical Center, Lebanon, New Hampshire, USA</td>
</tr>
<tr>
<td>Past President</td>
<td>Y. Hayata</td>
<td><em>Department of Surgery</em></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tokyo Medical College, Tokyo, Japan</td>
</tr>
<tr>
<td>Treasurer</td>
<td>J.B. Sorensen</td>
<td><em>Finsen Centre/Rigshospitalet</em></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Copenhagen, Denmark</td>
</tr>
<tr>
<td>Executive</td>
<td>H.H. Hansen</td>
<td><em>Finsen Centre/Rigshospitalet</em></td>
</tr>
<tr>
<td>Director</td>
<td></td>
<td>Copenhagen, Denmark</td>
</tr>
<tr>
<td>Secretary</td>
<td>D.N. Carney</td>
<td><em>Mater Misericordiae Hospital</em></td>
</tr>
<tr>
<td>General</td>
<td></td>
<td>Dublin, Ireland</td>
</tr>
</tbody>
</table>

**Directors**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>E.C. Holmes</td>
<td><em>Department of Surg. Oncology</em></td>
</tr>
<tr>
<td></td>
<td></td>
<td>University of California, Los Angeles, California, USA</td>
</tr>
<tr>
<td></td>
<td>F.A. Shepherd</td>
<td><em>Toronto General Hospital</em></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ontario, Canada</td>
</tr>
<tr>
<td></td>
<td>Y. Shimosato</td>
<td><em>Clinical Laboratory Division</em></td>
</tr>
<tr>
<td></td>
<td></td>
<td>National Cancer Center Hospital, Tokyo, Japan</td>
</tr>
<tr>
<td></td>
<td>T. Naruke</td>
<td><em>Division of Thoracic Surgery</em></td>
</tr>
<tr>
<td></td>
<td></td>
<td>National Cancer Center Hospital, Tokyo, Japan</td>
</tr>
<tr>
<td></td>
<td>P.A. Rocmans</td>
<td><em>Department of Thoracic Surgery</em></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hospital Universitaire ERASME, Brussels, Belgium</td>
</tr>
<tr>
<td></td>
<td>R.P. Abatt</td>
<td><em>Department of Radiation Oncology</em></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Groote Schuur Hospital, Cape Town, Africa</td>
</tr>
</tbody>
</table>
Contents

Organising committee
Introduction: Desmond N. Carney and Paul A. Bunn Jr.
Highlights of the scientific programme
Detailed conference programme
Scientific programme
A taste of the famous Irish hospitality
Field trips
Optional special events
Accommodation: Details and map
Ireland: Climate and culture
Conference and accommodation details
Travel
Detailed map of Ireland
Enclosures: Abstract and registration forms

Boyne Valley

Rock of Cashel
Committees

International Programme Committee
Desmond N Carney, Scientific Secretariat

Raymond P Abratt, RSA
Joseph Aisner, USA
Sven C Aisner, USA
Rodrigo Arriagada, FR
David Lee Ball, AUST
Stephen B Baylin, USA
Jonas Bergh, SWE
James F Bishop, AUST
Norman M Bleehen, UK
Philip D Bonomi, USA
Gianfranco Buccheri, IT
Peter Buhl Jensen, DEN
Paul A Bunn Jr, USA
Robert L Comis, USA
James D Cox, USA
Michael Cullen, UK
Peter Drings, GER
Gillian M Duchesne, UK
David S Ettinger, USA
William K Evans, CAN
Ronald Feld, CAN
Kiyoyuki Furuse, JPN
Ulrich Gatzemeier, GER
Adi F Gazdar, USA
Robert J Ginsberg, USA
Eli Glattstein, USA
Richard J Graff, USA
Mark Green, USA
Heine H Hansen, DEN
Curtis Harris, USA
Philip S Hasleton, UK
Yoshihiro Hayata, JPN
Fred Hirsch, DEN
Carmack E Holmes, USA
Penelope Hopwood, UK
Daniel C Ihde, USA
Jacek Jassem, POL
Bruce E Johnson, USA
David H Johnson, USA
Gary L Johnson, USA
Rudolf A Joss, SWITZ
Jean Klastersky, BEL
Paris A Kosmidis, GRE
Stephen Lam, CAN
Thierry Le Chevalier, FR
Jin S Lee, USA
Allen S Lichter, USA
Hideo Masuda, JPN
Karin Mattson, FIN
John D Minna, USA
Giovanni Motta, IT
James L Mulshine, USA
Nevin Murray, CAN
Tsuguo Naruke, JPN
Ugo Pastorino, UK
David G Payne, CAN
Pieter E Postmus, NETH
Pamela Rabbitts, UK
P Rocmans, BEL
Jack A Roth, USA
Enrique Rozengurt, UK
John C Ruckdeschel, USA
Valerie Rusch, USA
Nagahiro Saji, JPN
Jean-Paul Sculier, BEL
Frances A Shepherd, CAN
Yukio Shimosato, CHI
Jens Benn Sorensen, DEN
George D Sorensen, USA
Robert L Souhami, UK
TWA Splinter, NETH
Rolf A Stahle, SWITZ
Robin Stuart-Harris, AUST
Andrew T Tuttisi III, USA
Dw van Bekkum, NETH
Paul van Houwe, BEL
Nico van Zandwijk, NETH
Hiromi Wada, JPN
Hiroyoshi Watanabe, JPN

Local Scientific Committee
Desmond N Carney, IRL
John Armstrong, IRL
Peter Goldstraw, UK
Anna Gregor, UK
Peter Harper, UK
Nicholas Thatcher, UK
Peter Twentyman, UK

Local Organising Committee
Desmond N Carney
Ethna Fitzgerald
Teresa Hannon
Regina Prendergilll
Kathy Stapleton

Conference Administrator
Regina Prendergill
Postgraduate Medical Centre
52 Eccles Street
Dublin 7
Republic of Ireland
Tel: +353-1-8306795
Fax: +353-1-8309090
E-mail: postgrad@matem.ie

Registration/ Accommodation Office
Professional Educational Conferences Ltd
Clifton House
Le Fitzwilliam St
Dublin 2
Republic of Ireland
Tel: +353-1-6613788
Fax: +353-1-6612073
Introduction

The 8th World Conference on Lung Cancer

The International Association for the Study of Lung Cancer (IASLC), whose goal is to decrease the worldwide lung cancer epidemic through research, education, prevention and clinical methods, extends to you an invitation to attend the 8th World Conference on Lung Cancer. This conference will be held at University College Dublin, Ireland from Sunday, August 10, 1997 through Thursday evening, August 15, 1997.

All those interested in the many problems of lung cancer, including surgeons, medical oncologists, radiation therapists, pulmonologists, radiologists, pathologists, epidemiologists, basic research scientists and allied health professionals are encouraged to attend this conference.

Through widespread multidisciplinary interaction, the current state of understanding will be analysed in detail and from which new directions and approaches will be developed.

The IASLC, formed in 1976, is the largest and oldest organisation dedicated to eradicating the lung cancer and tobacco problem worldwide. This association, with members from 56 countries across six continents, regularly sponsors meetings and workshops covering many aspects of lung cancer.

In addition, the IASLC publishes the journal Lung Cancer and sponsors the World Conference on Lung Cancer. These international meetings are held every three years, alternating in location between Europe, the Pacific rim and the Americas. It is anticipated that 1,500 delegates will attend the 1997 meeting here in Dublin.

The 1997 conference programme has been planned by committees of experts in the range of disciplines of lung cancer. The conference will consist of plenary sessions, mini-symposia, 'meet the professor sessions' and preferred oral and poster sessions. More than 100 speakers from around the world have been invited to participate.

In this way, those attending will be provided with an updated knowledge of all aspects, clinical and basic, in the field of lung cancer.

In addition to the scientific programme, a guest and social programme highlighting the beauty and culture of Dublin and Ireland will be offered to delegates and their guests.

The conference forms and details are included in this announcement, including important deadlines for registration, hotel accommodation and abstract submissions. Your early and prompt attention to all submissions will ensure your participation in this prestigious event.

In attending this 8th World Conference on Lung Cancer in Ireland, we hope that you will take the opportunity to extend your stay and visit our island, steeped in history and culture - 'The Island of Saints and Scholars'.

Finally, we look forward to welcoming you to the 8th World Conference on Lung Cancer and feel that the scientific programme, together with our 'Cead Mile Failte' (one hundred thousand welcomes) will provide a memorable experience.

Desmond N Carney MD,
Scientific Secretariat,
University College Dublin.

Paul A Bunn Jr MD,
President, IASLC,
Director,
University of Colorado Cancer Center.
Scientific Programme Highlights

The Scientific Programme as indicated will include:
- plenary sessions
- mini symposia
- proffered papers of selected abstracts which will be oral, slide presentations or posters
- Meet the Professor sessions
- satellite symposia
- exhibits

Programme topics
- Biology / markers
- Chemotherapy
- Combined modality therapy
- Epidemiology / etiology
- Pathology
- Prevention / early detection
- Pulmonary imaging / staging / diagnosis
- Radiation therapy
- Supportive care / quality of life
- Surgery
- Plenary sessions and mini-symposia

The invited speakers and topics are outlined. These sessions will address current issues in all aspects of lung cancer care and biology and will provide attendees with the most recent data in these topics.

Proffered papers/posters
The speakers will be chosen on the basis of submitted abstracts. The deadline for receipt of abstracts is January 15, 1997. The persons with abstracts chosen for presentation will be selected in February 1997 and notified in March 1997. The top four abstracts will be selected for presentation and discussion at the Presidential Plenary Session. Abstracts should be submitted on the official abstract form. All presenters must complete the official registration form.

Meet the professor session
On Monday, Tuesday, Wednesday and Thursday from 7.00am to 8.00am international experts on four different topic areas will be available for "Meet the Professor" sessions which will include a continental breakfast. The cost of each session is £20 and participants must register in advance. Participation will be limited to no more than 30 persons per session, thereby allowing participants an opportunity, in a small group session, to discuss the topic for which the presenter is noted. If less than 30 persons register for a session, that specific session will be cancelled and the registration fee refunded.

Exhibits
A trade exhibition of exhibits featuring the products and services of selected vendors will run concurrently with the sessions of the conference.

Satellite symposia
Satellite Symposia will be offered to conference atten-
dees free of charge. These will be sponsored by a variety of pharmaceutical companies including: Amgen, Asia Medica, Bristol Myers Squibb, Eli Lilly, Rhône-Poulenc Rorer and SmithKline Beecham.

The schedule and topics are listed opposite in the conference programme. Separate information on speakers, specific topics and registration will be sent by the sponsoring companies at a later date. You are encouraged to attend these symposia as the topics have been chosen in discussion with the local scientific committee and will complement the plenary sessions and mini-symposia of the conference.

Scholarships/travel awards
Ten (10) travel awards are available for young investigators (35 years of age or younger) and 10 travel awards are available for investigators from developing nations. These awards will consist of: US$1,500, registration and accommodation in University College Dublin and free membership of the IASLC for two years.

Guidelines for awards
Young Investigators Award:
1. Candidate must be 35 years of age or younger at the time of the 8th World Conference (August 10th, 1997).
2. The candidate must be the first author of the submitted abstract.
3. The work must not have been presented or published before the date of the 8th World Conference.
4. Abstracts must be submitted on schedule.

How to apply:
The candidate must submit an abstract to the 8th World Conference in the usual manner, indicating that the abstract is to be considered for the Young Investigator or the Developing Nations Award. In addition, candidates for the Young Investigators Award should submit:
- An extended abstract of up to five double-spaced pages
- A Curriculum Vitae
- For Young Investigators a statement by the senior member (who must be a member of IASLC) of the candidates role in the research
- For Developing Nations Award the investigators should include a 1-5 page description of their interests and current research in Lung Cancer.

Award winners will be selected by the Programme Committee on the basis of the scientific content of the abstract. Winners will be notified in March 1997. Those who receive a Young Investigators Award will present their data (oral, slide or poster) at the conference.
# IASLC 8th World Conference on Lung Cancer 1997

<table>
<thead>
<tr>
<th>Date</th>
<th>August 10</th>
<th>August 11</th>
<th>August 12</th>
<th>August 13</th>
<th>August 14</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Times</strong></td>
<td><strong>Sunday</strong></td>
<td><strong>Monday</strong></td>
<td><strong>Tuesday</strong></td>
<td><strong>Wednesday</strong></td>
<td><strong>Thursday</strong></td>
</tr>
<tr>
<td>7.00am</td>
<td>registration</td>
<td>plenary: the politics of tobacco</td>
<td>plenary: molecular genetics of lung cancer</td>
<td>plenary: integrated combined modality therapy</td>
<td></td>
</tr>
<tr>
<td>8.00</td>
<td>lunch</td>
<td>proffered papers (5)</td>
<td>proffered papers (5)</td>
<td>proffered papers (5)</td>
<td>proffered papers (5)</td>
</tr>
<tr>
<td>9.00</td>
<td>Eli Lilly Symposium</td>
<td>mini symposia (5)</td>
<td>mini symposia (5)</td>
<td>mini symposia (5)</td>
<td>mini symposia (5)</td>
</tr>
<tr>
<td>10.00</td>
<td>coffee</td>
<td>coffee</td>
<td>coffee</td>
<td>coffee</td>
<td>coffee</td>
</tr>
<tr>
<td>10.30</td>
<td>posters: 1</td>
<td>posters: 2</td>
<td>posters: 3</td>
<td>posters: 4</td>
<td></td>
</tr>
<tr>
<td>11.00</td>
<td>coffee</td>
<td>coffee</td>
<td>coffee</td>
<td>coffee</td>
<td></td>
</tr>
<tr>
<td>11.30</td>
<td>SmithKline Beecham Symposium</td>
<td>proffered papers (5)</td>
<td>proffered papers (5)</td>
<td>proffered papers (5)</td>
<td>proffered papers (5)</td>
</tr>
<tr>
<td>12.00pm</td>
<td>lunch</td>
<td>lunch</td>
<td>lunch</td>
<td>lunch</td>
<td>lunch</td>
</tr>
<tr>
<td>12.30</td>
<td>posters: 1</td>
<td>posters: 2</td>
<td>posters: 3</td>
<td>posters: 4</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>mini symposia (5)</td>
<td>proffered papers (5)</td>
<td>proffered papers (5)</td>
<td>proffered papers (5)</td>
<td></td>
</tr>
<tr>
<td>1.30</td>
<td>coffee</td>
<td>coffee</td>
<td>coffee</td>
<td>coffee</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>coffee</td>
<td>coffee</td>
<td>coffee</td>
<td>coffee</td>
<td></td>
</tr>
<tr>
<td>2.30</td>
<td>Bristol Myers Squibb Symposium</td>
<td>proffered papers (5)</td>
<td>proffered papers (5)</td>
<td>proffered papers (5)</td>
<td>proffered papers (5)</td>
</tr>
<tr>
<td>3.00</td>
<td>plenary: presidential symposium</td>
<td>plenary: Proffereed papers: (5)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.30</td>
<td>tea</td>
<td>tea</td>
<td>tea</td>
<td>tea</td>
<td></td>
</tr>
<tr>
<td>4.00</td>
<td>coffee</td>
<td>coffee</td>
<td>coffee</td>
<td>coffee</td>
<td></td>
</tr>
<tr>
<td>4.30</td>
<td>posters: 1</td>
<td>posters: 2</td>
<td>posters: 3</td>
<td>posters: 4</td>
<td></td>
</tr>
<tr>
<td>5.00</td>
<td>mini symposia (5)</td>
<td>proffered papers (5)</td>
<td>proffered papers (5)</td>
<td>proffered papers (5)</td>
<td></td>
</tr>
<tr>
<td>5.30</td>
<td>tea</td>
<td>tea</td>
<td>tea</td>
<td>tea</td>
<td></td>
</tr>
<tr>
<td>6.00</td>
<td>opening reception</td>
<td>proffered papers (5)</td>
<td>proffered papers (5)</td>
<td>proffered papers (5)</td>
<td></td>
</tr>
<tr>
<td>6.30</td>
<td>coffee</td>
<td>coffee</td>
<td>coffee</td>
<td>coffee</td>
<td></td>
</tr>
<tr>
<td>7.00</td>
<td>posters: 1</td>
<td>posters: 2</td>
<td>posters: 3</td>
<td>posters: 4</td>
<td></td>
</tr>
<tr>
<td>7.30</td>
<td>closing ceremony</td>
<td>gala banquet</td>
<td>gala banquet</td>
<td>gala banquet</td>
<td></td>
</tr>
</tbody>
</table>

NB Times are approximate. Note: (5) = Parallel sessions.
Scientific programme

(The following speakers and topics are tentative and are subject to change)

Monday, August 11, 1997

Plenary session:
The politics of tobacco
• Control of tobacco consumption
  TBA
• Epidemiology of tobacco consumption
  P Boyle, IT
• The politics of tobacco
  N Gray, AUS
• Manipulation of cigarette production to cause and enhance addiction
  C. Douglas, USA

Mini-Symposia:
Biology: Cell surface antigens, growth factors and receptors in lung cancer
• Neuropeptide growth factors
  E Rozengurt, UK
• Cell surface antigens as therapeutic targets
  R Stahel, SWITZ
• TGF growth factor receptors
  K Havemann, GFR
• Retinoids and their nuclear receptors in lung cancer development and prevention
  R Lotan, USA

Pathology: Adenocarcinomas
• Update of IASLC and WHO pathology panels on revision of lung tumour classification
  Y Shinmura, JPN
• Papillary adenocarcinoma vs bronchoalveolar carcinoma:
  (1) Pathology: genetic changes and outcome
    M Negoei, JPN
  (2) Imaging: Cross pathology and microscopic findings
    M Eguchi, JPN
• Uncommon adenocarcinomas
  TV Colby, USA

Surgery: Minimal invasive surgery
• Video-assisted thoracic surgery in the management of lung cancer
  P Goldstraw, UK
• Major lung resection by VATS
  T Maruie, JPN
• The role of thoracoscopy in the diagnosis and staging of lung cancer
  J Patras, USA
• Video-assisted thoracoscopic lobectomies and pneumonectomies for lung cancer
  G. Rocca, IT

Tuesday, August 12, 1997

Plenary Session:
Presidential Symposium
Mini-Symposia:
Biology: Early detection
• Overview of lung cancer screening and early detection
  J Mulshine, USA
• Molecular-pathological assessment of individuals with a high risk of developing lung cancer
  J Field, UK
• Molecular damage in smoke damaged bronchial epithelium
  AF Gazdar, USA
• Early detection by sputum immunostaining
  M Tockman, USA
• Laser-assisted bronchoscopy in the early detection and treatment of lung cancer
  S. Lam, CAN

Pathology: Neuroendocrine Tumours
• Classification of neuroendocrine tumours of the lung
  WD Travis, USA
• Why are bronchopulmonary carcinoids unique tumours?
  V H Hentges, USA
• Molecular biology of neuroendocrine tumours of the lung
  E Brandes, FR
• Subclassification of SCLC and significance of non-SCLC with neuroendocrine features
  F. Hirsch, Den

Surgery/RT: Controversies in the local control of non-SCLC
• How important is local control with radiation for survival in non-SCLC?
  R Abratt, RSA

Meet the Professor Sessions*

<table>
<thead>
<tr>
<th>Day</th>
<th>Topic</th>
<th>Professors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td>1A: Radiation</td>
<td>A Gregor, UK; W Sause, USA</td>
</tr>
<tr>
<td></td>
<td>2A: Support</td>
<td>R Graff, USA; J Klastersky, BEL</td>
</tr>
<tr>
<td></td>
<td>3A: Chemotherapy</td>
<td>D. Biro, USA; N Thatcher, UK</td>
</tr>
<tr>
<td></td>
<td>4A: Surgery</td>
<td>P Goldstraw, UK; G Motta, IT</td>
</tr>
<tr>
<td>Tuesday</td>
<td>1B: Radiation</td>
<td>J Armstrong, UK</td>
</tr>
<tr>
<td></td>
<td>2B: Prevention</td>
<td>N Van Sandvik, NETH</td>
</tr>
<tr>
<td></td>
<td>3B: Pathology</td>
<td>A Gazdar, USA; SB Travis, USA</td>
</tr>
<tr>
<td></td>
<td>4B: Biology</td>
<td>P Twentyman, UK; R Rabe, SMITZ</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Day</th>
<th>Topic</th>
<th>Professors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday</td>
<td>1C: Surgery</td>
<td>B Grinsen, USA; U Pastorini, IT</td>
</tr>
<tr>
<td></td>
<td>2C: Early detection</td>
<td>J Mulshine, USA; M Goldstraw, CAN</td>
</tr>
<tr>
<td></td>
<td>3C: Chemotherapy</td>
<td>D. Biro, USA; N Thatcher, UK</td>
</tr>
<tr>
<td></td>
<td>4C: Pulmonary Support</td>
<td>R Feld, CAN; JP Sculier, BEL</td>
</tr>
</tbody>
</table>

| Thursday | 1D: Biology | B. Johnson, US; P Rabbitts, UK |
|          | 2D: QOL | P Hopwood, UK; P Harper, UK |
|          | 3D: Pathology | P Hasleton, UK; S Aisner, USA |
|          | 4D: Chemotherapy | J Aisner, US; S Evans, CAN |

*Meet the Professor Sessions, with details of registration
Scientific programme

- The importance of lymph node dissection in the local control of non-SCLC
  R Tsukhira, JPN
- Pre-operative and post-operative radiation therapy in non-SCLC
  P Van Houte, BEL
- Is there a role for neo-adjuvant radiation therapy for stage III non-SCLC?
  D Payne, CAN
- Panel Discussion

Chemotherapy: New agents/combinations non-SCLC
- Paclitaxel - D Johnson, USA
- Camptothecins - M Fukuoka, JPN
- Navelbine - T Le Chevalier, FR
- Gemcitabine - J-H Arriagada, FR
- Docetaxel - FV Fossell, USA

Pulmonary: Advanced lung cancer QOL
- Surgical techniques for palliative management of lung cancer
  U Pastorino, IT
- Evidence for the impact of QOL
  P Hopwood, UK
- Chemotherapy in advanced stage non-SCLC: impact on QOL and symptom control
  J Smith, UK
- Chemotherapy benefit and cost effectiveness of treatment for advanced lung cancer
  B Evans, CAN
- Chemotherapy for poor prognosis patients with SCLC
  P Harper, UK

Wednesday, August 13, 1997

Plenary Session:
Molecular genetics of lung cancer:
- Cancer susceptibility genes and molecular epidemiology
  A Haugen, NTH
- The clinical significance of the genetic abnormalities in lung cancer
  J Minna, USA
- Early molecular events in the pathogenesis of lung cancer
  P Rabbe, UK
- Gene therapy for lung cancer: a realistic possibility
  R Roth, USA

Thursday, August 14, 1997

Plenary Session:
Integrated combined modality therapy:
- Combined modality therapy for lung cancer
  W Sauser, USA
- Surgical resection for non-SCLC: the impact of chemotherapy
  B Ginsberg, USA
- Induction chemotherapy for early stage non-SCLC
  M Tonti, IT
- Integration of chemotherapy and radiation therapy for SCLC
  R Arriagada, FR

Mini-Symposia:
Biology: Primary prevention/chemo prevention in lung cancer
- Primary prevention in lung cancer
  D. Bode, USA
- Current status of lung cancer chemoprevention

WK Hong, USA
- Euro scan chemotherapy study
  N Van Zandwijk, NTH
- Intermediate endpoint markers in chemotherapy prevention trials of lung cancer
  J-Soo Lee, USA
- Peptide-base vaccinations in lung cancer prevention
  R R. Carbone, USA

Pathology/Surg.: Mesothelioma
- Epidemiology: current and future projections in mesothelioma mortality
  AW Mask, AUST
- Surgical results for mesothelioma: implications for a new staging system
  V Rosch, USA
- Biology and gene therapy for mesothelioma
  B Robinson, AUST
- What chemotherapy has to offer in the treatment of mesothelioma
  D Van Meerbeeck, BEL

Radiology staging in lung cancer
- Clinical significance of the new staging classification for lung cancer
  M. Green, USA
- MRI and PET imaging in lung cancer management; help or hindrance
  D. Lynch, USA
- Immunocytology in the diagnosis and staging of lung cancer
  G. Racchetti, Italy

Biology: Drug resistance
(Supported by an educational grant from AMGEN)
- The biologic basis of drug resistance in lung cancer
  P. Twentyman, UK
- Biology of MFR in drug resistance of lung cancer
  S Cole, CAN
- Topoisomerase as determinants of chemoresistance
  N Saijo, JPN
- Dose intensity to overcome drug resistance in lung cancer
  N Thatcher, UK

Pulmonary: CNS disease
- CNS disease in lung cancer: a critique
  A Cregar, UK
- Current status of prophylactic cranial irradiation in SCLC
  R. Arriagada, FR
- Chemotherapy for SCLC brain metastases
  P Pestaluzi, NTH
- Treatment of the solitary brain metastases in non-SCLC: radiation or surgery on both?
  R. Puchelle, USA
A taste of the famous Irish hospitality

For a relatively small island, Ireland offers a huge variety of entertainment, scenery and culture. The social programme we have drawn up offers delegates and their companions the opportunity to sample the atmosphere and hospitality for which Ireland is famous worldwide.

Dublin, the capital city, is situated on the east coast of Ireland. The city lies at the head of Dublin Bay and straddles the river Liffey. Originally a sea port 1,000 years ago, Dublin has developed into a seat of learning, an important economic centre and a focus of cultural life in Ireland.

No matter what your interests, Dublin has something to offer. The city centre is dotted with museums, art galleries, theatres, historical buildings and churches and these include medieval, Georgian and modern architecture. Monuments in literature and stone mark the achievements of world renowned Irish writers, poets and Dublin figures and also bear testament to the way that the city has developed over 1,000 years.

Although steeped in history and culture, Dublin is vibrant and lively and a magnet for young people from all over Europe. This modern city now attracts overseas visitors who come to sample our excellent shopping, innovative restaurants, nightlife and pub atmosphere and music. Whether you stay for a weekend or a more prolonged sojourn, the hospitality and friendliness of Dubliners is unequalled in any other capital city.

As well as being a bustling capital, Dublin also boasts excellent beaches, parks and coastal scenery. Within a half an hour’s drive, you can be immersed in the Irish countryside in the ‘Garden of Ireland’ – County Wicklow. Drive 200 miles and you will witness a total transformation of the landscape, people and even the language.

Scientific registration and social programme

Those registering for the scientific programme are invited to attend the opening ceremony on Sunday evening, the field trips on Wednesday afternoon, the reception hosted by the Irish Government in historic Dublin Castle on Wednesday evening and the Gala Banquet and closing ceremony on Thursday evening.

Opening ceremony and reception

The opening ceremony for the conference will be held in the University Conference Centre starting at 6.30pm on August 10, 1997. In addition to the formalities, this ceremony will include a presentation entitled:

Ireland – A historical and cultural perspective.

This presentation will be followed by a reception in the conference centre.

Field trips

A choice of field trips to illustrate the beauty, culture and heritage of Ireland is available. The cost is included in the registration fee. A detailed description of each trip is listed on page 11. Each trip, which will include a packed lunch, will last approximately four hours and will commence at 2.00pm departing from University College Dublin. As the tours have restrictions on numbers, you are advised to sign up in advance listing each trip in order of choice. Participation will come on a first come first served basis. The committee reserves the right to make alterations or additions to the choices offered in order to maximise the availability of places.

Optional tours

A programme of optional events has been drawn up which will enable visitors who are not attending conference sessions to sample Ireland. These range from scenic tours to musical evenings, meals, gallery visits and city tours. Advance registration is essential and all tours are subject to a minimum participation of 25 people.
Field trips

Tour 1: Glendalough and Co Wicklow Tour
St Kevin founded a hermitage here in Glendalough, or the glen of the two lakes, in the sixth century. His sanctity attracted so many people that a monastery was then established from which grew a monastic city, famous as a centre of learning throughout Europe. The tour takes you through this picturesque region with a visit to the settlement and heritage centre.

Tour 2: Boyne Valley Tour
Five thousand years ago settlers first came here, attracted by the swift-flowing Boyne River which gave them access to the interior and the rolling green hills that surveyed the surrounding land. Now their tale is told by the stones, mounds and tombs they left behind. These include Newgrange, one of the most important and spectacular prehistoric monuments in Europe, which is part of an enormous Stone Age cemetery whose enigmatic decorations and sheer size continue to fascinate visitors.

Tour 3: Mount Usher Gardens/Avoca Handweavers
Edward Walpole, a Dublin businessman acquired the land in 1868 and over the past 100 years, the garden has grown to over 4,000 species of plants from many parts of the world. Some of the best views of Mount Usher can be enjoyed from the garden bridges, where you may spot the occasional heron or kingfisher. Avoca Handweavers stock a fine selection of hand woven knitwear and interesting craft.

Tour 4: Russborough House
In 1741 Richard Cassel and Francis Bindon built a mansion to be the country seat of a Dublin brewer, Joseph Leeson. The overall house exudes a feeling of wealth and power. This house is furnished and decorated with antique furniture, tapestries, carpets, porcelain, a collection of rare dolls and other valuables. It also houses the Beit Collection, one of the finest art collections in Ireland. The works include paintings by Goya, Murillo, Velazquez and Gainsborough.

Tour 5: Powerscourt Gardens/Avoca Handweavers
Just 12 miles south of Dublin in the foothills of the Wicklow mountains lies Powerscourt Estate. Its gardens are famous the world over as a magnificent example of an aristocratic garden with Italian and Japanese themes, herbaceous borders, ornamental lakes, decorative ironwork, a pets’ cemetery and an extensive tree collection.

Tour 6: ‘The Pint and the Half One’ Tour of Dublin
A visit to the hop store of Guinness Brewery for an audio-visual presentation on the history of the famous brew. Followed of course by a tasting! Then across the Liffey to the Irish Whiskey Corner for more of the same.
Optional Special Events

Sunday August 10

**Tour A (2-4pm)**

Panoramic City Tour
Dubh Linn meaning ‘dark pool’ is today Baile Átha Cliath, ‘the town of the hurdle lord’. This tour will help orientate visitors to the geography of Dublin, pointing out places of key historical interest and features of this thriving city.
Cost Ir£17 per person

**Tour B (2-4pm)**

South County Dublin
This tour will take you a handful of miles south of Dublin’s city centre where lies a region of outstanding natural beauty. The Dublin mountains rise in purple majesty embracing a landscape of wide bays and little villages with lovely coastal views and an almost Mediterranean atmosphere.
Cost Ir£7 per person

Monday August 11

**Tour C (9am-1pm)**

Malahide Castle
Originally a fortress, Malahide Castle then served as a private house for nearly 800 years, being the home of the Talbot family from 1185 to 1973. Its core is 14th century with many later additions. Inside are rooms furnished with period furniture including a striking Great Hall with a Minstrels’ Gallery. The estate also houses the Talbot Botanic Gardens.
Cost Ir£18 per person

**Tour D (2-4pm)**

Panoramic City Tour
See Tour A for details.
Cost Ir£17 per person

**Tour E (7-11.30pm)**

Abbey Tavern – dinner & ballads
Situated in the picturesque fishing village of Howth, north of Dublin city, the Abbey Tavern Irish evening is famous for its traditional food, Irish music and song.
Cost Ir£42 per person

**Tour F (7.00-11.30pm)**

Doyle’s Dinner and Irish Cabaret
The mood is set with singing that will fill your heart with glee, pull on heart strings and even spawn the odd nostalgic tear, a harpist that will haunt your imagination and Irish dancers and ballads to keep your feet tapping. All this plus the best of Irish food.
Cost Ir£42 per person

Tuesday August 12

**Tour G (9am - 5.30pm)**

Japanese Gardens & the National Stud
South of Dublin in the area regarded as the centre of the thoroughbred industry lies the Irish National Stud and Japanese Gardens. The stud established by Lord Wavertree 90 years ago, contributes to the bloodstock industry by providing the service of top class stallions at reasonable fees. The Japanese Gardens were laid out by the celebrated gardener Eida in 1906. Through the use of trees, shrubs, rocks and water, it tells the story of man’s progress through life.
Cost Ir£35 per person (incl lunch & afternoon tea)

**Tour H (9am - 1.30pm)**

Scenic tour of Avoca
This tour will take you through the Wicklow mountains to the Vale of Avoca. The Vale of Avoca begins three miles north of Avoca village, where the rivers Avonmore and Avonbeg meet to form the Avoca and is the setting for Thomas Moore’s poem, The Meeting of the Waters.
“There is not in this wide world a valley so sweet
As that in whose bosom the bright waters meet.”
Cost Ir£18 per person (incl morning coffee & visit)

**Tour I (7 - 11.30pm)**

Abbey Tavern – dinner & ballads
See Tour E for details.
Cost Ir£42 per person

**Tour J (7 - 11.30pm)**

The ‘Poteen Stil’ Irish Night
Visit this attractive thatched Irish pub/restaurant for an evening of good food, traditional music, dancing and song. The Poteen Stil is not exclusively for visitors – it is a local hostelry too!
Cost Ir£42 per person

Wednesday August 13

**Tour K (9.30am - 1pm)**

The National Gallery of Ireland and Trinity College
Built by Frances Fowke, the architect of London’s Victoria and Albert Museum, the Irish National Gallery houses...
an impressive collection of works including over 2,400 paintings and some 300 pieces of sculpture. Trinity College was founded by Queen Elizabeth I in 1592 and is the sole college of Dublin University. Its library houses over two million volumes, most notable the 'Book of Kells', a Latin text of the Four Gospels with illuminated pages which dates from AD 800.

Cost Ir£17 per person (incl. morning coffee)

Tour L (9am - 1pm)

Temple Bar Tour

Dublin's Left Bank area has been extensively renovated under the government's urban renewal scheme. This area houses many of Dublin's favourite restaurants, pubs, galleries and shops.

Cost Ir£15 per person (incl. morning coffee)

Thursday August 14

Tour M (9am - 1pm)

The Irish Museum of Modern Art at The Royal Hospital, Kilmainham

This museum is located at the Royal Hospital, Kilmain-

ham, a fine 17th century building, built as a home for retired soldiers. The style is based on Les Invalides in Paris with a formal facade and large elegant courtyard. The museum houses an exciting and innovative range of international and Irish art of the 20th century.

Cost Ir£18 per person

Note: All tours are subject to a minimum participation of 25 persons.

Book of Kells, Trinity College, Dublin

Dublin City

Trinity College, Dublin
Accommodation is available across a wide range of price categories. These are listed below. Each hotel booking must include a minimum payment for two nights in advance. The balance plus any extras must be paid directly to the hotel on departure. A courtesy shuttle bus service will run between the hotels and the conference centre at peak conference hours.

Five Star Hotels 

1. Shelbourne Hotel
   approx 5km from Congress venue
   In the heart of Dublin overlooking St Stephen’s Green, within walking distance of shopping areas and Dublin’s social and cultural business life.

2. Westbury Hotel
   approx 4km from Congress venue
   An international luxury hotel nestled in the heart of cosmopolitan Grafton Street, the premier shopping street of Dublin.

3. Davenport Hotel
   approx 5km from Congress venue
   A rather spectacular hotel in the centre of Dublin city – originally a church dating back to 1863 – the facade has been restored to its former glory.

4. Berkeley Court Hotel
   approx 4km from Congress venue
   A member of the leading Hotels of the World, this luxury hotel is located in the exclusive embassy area in the south suburbs of Dublin.

5. Conrad Hotel
   approx 5km from Congress venue
   Located just off St Stephen’s Green opposite the National Concert Hall, the Conrad is a short walk from the business, shopping and cultural centres of Dublin.

6. Jurys Towers
   approx 4km from Congress venue
   Situated in the city’s prime residential area, 15 minutes walk from the city centre.

7. Alexander Hotel
   approx 5km from Congress venue
   A newly built hotel situated in the heart of the city.

Four Star Hotels 

8. The Burlington Hotel
   approx 4km from Congress venue
   One of Dublin’s largest hotels with a lively cosmopolitan atmosphere located in the south suburbs and within a five minute walk of the city.

9. Herbert Park Hotel
   approx 4km from Congress venue
   Overlooking the ornamental gardens of Herbert Park, this is a newly built hotel in a contemporary setting.

10. Mont Clare Hotel
    approx 5km from Congress venue
    Overlooking Merrion Square, just minutes from the main shopping areas and major attractions with 24 luxurious fully air conditioned bedrooms.

11. Jurys Hotel
    approx 4km from Congress venue
    Situated in the south suburbs, yet only 15 minutes walk from the city centre – a large international hotel with 290 bedrooms equipped to the highest standard.

Three Star Hotels 

12. Blooms Hotel
    approx 5km from Congress venue
    Located in the heart of Dublin’s cultural and artistic quarter – Temple Bar. Being a relatively small hotel (86 bedrooms), there is an atmosphere of intimacy and familiarity.

13. Doyle Tara Hotel
    approx 4km from Congress venue
    Overlooking Dublin Bay on the main coast road south, a popular hotel with all bedrooms en-suite and equipped with tea/coffee making facilities.

14. Doyle Montrose Hotel
    approx 4km from Congress venue
    Opposite front gate of Congress venue
    Recently refurbished to a high standard, this popular hotel has 179 bedrooms, all with en-suite facilities, a lively bar which serves food and a more formal dining room.

15. Temple Bar Hotel
    approx 4km from Congress venue
    Located at the very centre of Dublin in the exciting and vibrant Temple Bar district. All rooms are equipped with tea/coffee facilities, garment press and hairdryer.

16. Mount Herbert
    approx 4km from Congress venue
    A family hotel run to a superb standard, located in the south suburbs of Dublin, conveniently located close to the Dublin Area Rapid Transport System (DART).

17. University College Dublin campus accommodation
    Superior development of self contained apartments, which are modern in design and tastefully decorated. Each apartment has three/four single bedrooms, two bathrooms and a fully equipped dining room/kitchen. These bedrooms can be booked for single accommodation and couples will be accommodated in adjacent single rooms.
Hotel locations

- Shelbourne Hotel
- Westbury Hotel
- Davenport Hotel
- Berkeley Court Hotel
- Conrad Hotel
- Jurys Towers
- Alexander Hotel
- The Burlington Hotel
- Herbert Park Hotel
- Mont Clare Hotel
- Jurys Hotel
- Blooms Hotel
- Doyle Tara Hotel
- Doyle Montrose Hotel
- Temple Bar Hotel
- Mount Herbert
- University College Dublin Campus
Ireland: Climate and culture

Dublin is situated on the east coast of Ireland. It is a 50 minute flight from London’s Heathrow airport. There are connections to European cities and to the major east coast US cities.

The conference is being held in University College Dublin on the south side of the city, which is three miles from the city centre. The College can be reached by frequent buses, taxis or by foot if you’re feeling energetic! All the conference hotels are within three miles and the Doyle Montrose is adjacent to the university.

The conference venue has full wheelchair accessibility.

Weather

Ireland enjoys a temperate climate. In mid August temperatures are around 18°C (64°F). You may experience some rain, so come prepared! The evenings can be quite chilly and darkness falls around 9pm. Casual dress is acceptable and attire such as sweaters, pants, jackets, etc. is usually worn because of our climate. More formal attire, such as suits and dresses, is recommended for the formal dinners and top class restaurants.

Tipping

Tipping is not taken for granted in Ireland but is much appreciated. We guarantee that when delegates encounter the friendly smiles and helpful attitudes of our service staff, they will want to show their appreciation.

Currency

The currency used is the Irish pound, known as the ‘punt’. It is worth slightly more than the pound sterling and converts to approximately US$1.60. Travellers cheques can be changed at the airport, the conference site, in hotels and at the many banks and exchanges throughout the city. There will be a Bureau de Change on campus. Commission rates vary. Most shops and restaurants accept major credit cards.

Sports facilities

Ireland is a nation of golfers. We have hundreds of courses including the world class Portmarnock, Royal Dublin Golf Club, Druid’s Glen, the K Club and Mount Juliet. One of our major sporting events is the Irish Open which is held in July each year.

All delegates will have access to the UCD Fitness Centre which is located on the university campus close to the conference centre. The Fitness Centre has a fully equipped gym, including treadmills, cycles, rowers, stepping machines and virtual reality aerobic equipment. It also has a sauna. There are outdoor tennis courts on site. In addition, facilities for indoor tennis have been organised at Dublin’s prestigious Riverview Club which is about a mile from the conference centre at UCD.

Tours

A number of tours have been outlined in this brochure but for those wishing to travel independently, the most convenient mode of transport is car hire. There are train and coach connections between the major towns but to really experience Ireland, wandering is essential! Ireland offers a range of accommodation including various grades of hotels and guest houses and our world famous ‘B&Bs’ where travellers stay with Irish families in their homes and are provided with accommodation, usually en suite, and a hearty Irish breakfast.

Conference Administrator

Regina Prendergivle
Postgraduate Medical Centre
52 Eccles Street
Dublin 7
Republic of Ireland
Tel: +353-1-8306795
Fax: +353-1-8309090
Email: postgrad@mater.ie

Registration/Accommodation Office

Professional Educational Conferences Ltd
Clifton House
Le Fitzgerald St
Dublin 2
Republic of Ireland
Tel: +353-1-6613788
Fax: +353-1-6612073
General information

Conference and accommodation details

Registration

Conference registration will be held at the following times at the Conference Centre, University College Dublin:

- Saturday, August 9: 4.00-8.00pm
- Sunday, August 10: 8.00am-6.00pm
- Monday/Tuesday/Thursday: 8.00am-5.00pm
- Wednesday: 8.00am-1pm

The registration fee includes all materials and conference handouts, a copy of the abstract book, all social activities including the opening ceremony and reception, a choice of field trip, the closing ceremonies and the banquet.

Smoking

Smoking is not permitted at the conference. Ireland has public health regulations which prevent smoking in public buildings and on public transport. There are usually sections in restaurants for smokers. Why not use the conference as an opportunity to kick the habit!

Conference language

The official language of the conference is English.

Accommodation

The hotel charges as detailed on the Accommodation Booking Form are inclusive of:
- Accommodation in rooms with private bath/shower
- Service charge and taxes
- Full Irish breakfast daily.

University College Dublin (UCD) campus accommodation consists of three/four single bedrooms in each apartment. Couples will be accommodated in adjacent single rooms. Continental breakfast is included in the price. It is the responsibility of participants, on the day of departure, to settle their hotel account and pay for any extras charged to their room.

Delegates are advised to book early as August is the peak tourist season in Dublin. The number of single rooms is limited. We have therefore agreed a composite rate with the hotels to allow us a large proportion of single rooms.

Payment

Payment must be made by banker's draft and drawn in Irish pounds (€) on an Irish Bank (e.g. Bank of Ireland, Allied Irish Bank, Ulster Bank or National Irish Bank) and made payable to '8th WCLC'. All bank charges must be paid in advance and therefore payments must be free of charges to the receiver. All banks have an International Department which deals with foreign transactions and will be familiar with this method of payment.

Payment may also be made by Credit Card. Visa or Mastercard/Access are accepted. Please ensure that complete card number and expiry date are included on the Registration Form.

Cancellations

Cancellations of Registration and/or accommodation must be received in writing by the Registration Office by the dates specified below. Credit cannot be given for unattended events or early termination of attendance.

There will be no refund on accommodation for non-arrivals. Refunds are applicable as follows:
- Before 1 June, 1997: full refund of accommodation and/or registration fees
- 1 June, 1997-30 June, 1997: 50% refund of accommodation and/or registration fees
- After July 1, 1997: no refund

Alternatives to arrival and departure dates of existing bookings will be accepted without penalty up to July 25, 1997.

Conference badges

Conference badges must be worn at all times while delegates are on the campus.

Sponsors

To date this conference has been supported by unrestricted education grants from:
- Amgen
- Asta Medica
- Bristol Myers Squibb
- Central Laboratories
- Convention Bureau of Ireland
- Eli Lilly
- The Irish Cancer Society
- Laboratories Pierre Fabre Oncologie
- Mater Misericordiae Hospital, Dublin
- Napp/Mundipharma/Purdue Frederick
- Pharmacia & Upjohn
- Rhône-Poulenc Rorer
- Sandoz
- SmithKline Beecham
- St Luke's/St Anne's Hospital, Dublin
General information

Travel

Dublin Airport is situated on the north side of the city, about eight miles from the city centre. At off peak times the city centre can be reached in 20 minutes from the airport. However, during commuter times, allow about an hour. It is serviced by buses and taxis.

Aer Lingus

Aer Lingus, Ireland's national airline, has been appointed official carrier to the conference. To avail of special conditions on air-fares and to receive details of vacation options before or after the meeting, delegates should contact their local Aer Lingus office in Europe and the US or Aer Lingus general sales agents elsewhere as listed below.

Amsterdam 0206238620
Bahrain 211933
Birmingham 01216314680
Copenhagen 33 126055
Dusseldorf 0211320321
Glasgow 01412484341
Johannesburg 4418600
Madrid 91 5414216
Milan 02 76000080
New York 2125711110
Paris 01 47421250
Stockholm 020 392521
Tel Aviv 3233444
Toronto 1800 2236537
Auckland 794455
Bombay 20241124
Brussels 0254898482
Dubai 220808
Frankfurt 069 292054
Hong Kong 86603013
London 081 899547
Manchester 0161 832573
Rome 6 4818518
Sydney 0232191123
Tokyo 5275 1666
Zurich 012112850

Delegates from the US and Canada

Delegates from the US and Canada should contact the office listed below to avail of special fares to Ireland for the conference:

Conference International Inc.,
Suite 607,
25 Huntington Avenue,
Boston, MA 02116-5713.
Tel: 1-800-2218747.
Fax: 617-266-5800.

Irish landscape
Whilst every care has been taken to ensure accuracy in the compilation of this map, Bord Fáilte - Irish Tourist Board cannot accept responsibility for errors or omissions. Because of the small scale of this map, not all holiday centres can be shown. The information on this map is correct at the time of going to press.
8th World Conference on Lung Cancer
Ireland
August 10 - 15 1997
University College, Dublin
International Association for the Study of Lung Cancer (IASLC)
Board Members 1994-1997

President: P.A. Bunn, Jr
Division of Medical Oncology,
University of Colorado Cancer Center
Denver
USA

President-Elect: G. Motta
University Degli Studi
Genova
Italy

Vice-President: G.D. Sorensen
Department of Pathology
Dartmouth-Hitchcock Medical Center
Lebanon
New Hampshire
USA

Past President: Y. Hayata
Department of Surgery
Tokyo Medical College
Tokyo
Japan

Treasurer: J.B. Sorensen
Finsen Centre/Rigshospitalet
Copenhagen
Denmark

Executive Director: H.H. Hansen
Finsen Centre/Rigshospitalet
Copenhagen
Denmark

Secretary-General: D.N. Carney
Mater Misericordiae Hospital
Dublin
Ireland

Directors:

E.C. Holmes
Department of Surg. Oncology
University of California
Los Angeles
California
USA

F.A. Shepherd
Toronto General Hospital
Ontario
Canada

Y. Shimosato
Clinical Laboratory Division
National Cancer Center Hospital
Tokyo
Japan

T. Naruke
Division of Thoracic Surgery
National Cancer Center Hospital
Tokyo
Japan

P.A. Rocmans
Department of Thoracic Surgery
Hôpital Universitaire ERASME
Brussels
Belgium

R.P. Abratt
Department of Radiation Oncology
Groote Schuur Hospital
Cape Town
Africa
Contents

Organising committee
page 4

Introduction: Desmond N. Carney and Paul A. Bunn Jr.
page 5

Highlights of the scientific programme
page 6

Detailed conference programme
page 7

Scientific programme
pages 8-9

A taste of the famous Irish hospitality
page 10

Field trips
page 11

Optional special events
pages 12-13

Accommodation: Details and map
pages 14-15

Ireland: Climate and culture
page 16

Conference and accommodation details
page 17

Travel
page 18

Detailed map of Ireland
page 19

Enclosures: Abstract and registration forms
Committees

International Programme Committee
Desmond N Carney, Scientific Secretariat

Raymond P Abratt, RSA
Joseph Aisner, USA
Seena C Aisner, USA
Rodrigo Arriagada, FR
David Lee Ball, AUST
Stephen B Baylin, USA
Jonas Bergh, SWE
James F Bishop, AUST
Norman M Bleehen, UK
Philip D Bonomi, USA
Gianfranco Buccheri, IT
Peter Buhl Jensen, DEN
Paul A Bunn Jr, USA
Robert L Comis, USA
James D Cox, USA
Michael Cullen, UK
Peter Drings, GER
Gillian M Duchesne, UK
David Ettinger, USA
William K Evans, USA
Ronald Feld, CAN
Kiyoyuki Furuse, JPN
Ulrich Galzemeyer, GER
Adi F Gazdar, USA
Robert J Ginsberg, USA
Eli Gilatstein, USA
Richard J Gialla, USA
Mark Green, USA
Heine H Hansen, DEN
Curtis Harris, USA
Philip S Hasleton, UK
Yoshhiro Hayata, JPN
Fred Hirsch, DEN
Carmack E Holmes, USA
Penelope Hopwood, UK
Daniel C Inde, USA
Jacek Jassem, POL
Bruce E Johnson, USA
David H Johnson, USA
Gary L Johnson, USA
Rudolf A Joss, SWITZ
Jean Klastersky, BEL
Paris A Kosmidis, GRE
Stephen Lam, CAN
Thierry Le Chevalier, FR
Jin S Lee, USA
Allen S Lichter, USA
Hideo Masuda, JPN
Karin Mattson, FIN
John D Minna, USA
Giovanni Motta, IT
James L Mulshine, USA
Nevin Murray, CAN
Tsuguo Narae, JPN
Ugo Pastorino, UK
David G Payne, CAN
Pieter E Postmus, NETH
Pamela Rabbitts, UK
Pieter E Postmus, NETH
Pamela Rabbitts, UK
Jack A Roth, USA
Enrique Rozengurt, UK
John C Ruickdeschel, USA
Valerie Rusch, USA
Nagahiro Saijo, JPN
Jean-Paul Scullier, BEL
Frances A Shepherd, CAN
Yukio Shimosato, CHI
Jens Benn Sorensen, DEN
George O Sorensen, USA
Robert L Souhami, UK
TWA Splinter, NETH
Rolf A Stahel, SWITZ
Robin Stuart-Harris, AUST
Andrew T Turnis III, USA
DW van Bekkum, NETH
Paul van Houtte, BEL
Nico van Zandwijk, NETH
Hiromi Wada, JPN
Hiroyoshi Watanabe, JPN

Local Scientific Committee
Desmond N Carney, IRL
John Armstrong, IRL
Peter Goldstraw, UK
Anna Gregor, UK
Peter Harper, UK
Nicholas Thatcher, UK
Peter Twentyman, UK

Local Organising Committee
Desmond N Carney
Etina Fitzgerald
Teresa Hannon
Regina Prendergveille
Kathy Stapleton

Conference Administrator
Regina Prendergveille
Postgraduate Medical Centre
52 Eccles Street
Dublin 7
Republic of Ireland
Tel: +353-1-8306795
Fax: +353-1-8309090
E-mail: postgrad@matie.ie

Registration/ Accommodation Office
Professional Educational Conferences Ltd
Clifton House
Le Fitzwilliam St
Dublin 2
Republic of Ireland
Tel: +353-1-6613788
Fax: +353-1-6612073
Introduction

The 8th World Conference on Lung Cancer

The International Association for the Study of Lung Cancer (IASLC), whose goal is to decrease the worldwide lung cancer epidemic through research, education, prevention and clinical methods, extends to you an invitation to attend the 8th World Conference on Lung Cancer. This conference will be held at University College Dublin, Ireland from Sunday, August 10, 1997 through Thursday evening, August 15, 1997.

All those interested in the many problems of lung cancer, including surgeons, medical oncologists, radiation therapists, pulmonologists, radiologists, pathologists, epidemiologists, basic research scientists and allied health professionals are encouraged to attend this conference.

Through widespread multidisciplinary interaction, the current state of understanding will be analysed in detail and from which new directions and approaches will be developed.

The IASLC, formed in 1976, is the largest and oldest organisation dedicated to eradicating the lung cancer and tobacco problem worldwide. This association, with members from 56 countries across six continents, regularly sponsors meetings and workshops covering many aspects of lung cancer.

In addition, the IASLC publishes the journal Lung Cancer and sponsors the World Conference on Lung Cancer. These international meetings are held every three years, alternating in location between Europe, the Pacific rim and the Americas. It is anticipated that 1,500 delegates will attend the 1997 meeting here in Dublin.

The 1997 conference programme has been planned by committees of experts in the range of disciplines of lung cancer. The conference will consist of plenary sessions, mini-symposia, ‘meet the professor sessions’ and proffered oral and poster sessions. More than 100 speakers from around the world have been invited to participate.

In this way, those attending will be provided with an updated knowledge of all aspects, clinical and basic, in the field of lung cancer.

In addition to the scientific programme, a guest and social programme highlighting the beauty and culture of Dublin and Ireland will be offered to delegates and their guests.

The conference forms and details are included in this announcement, including important deadlines for registration, hotel accommodation and abstract submissions. Your early and prompt attention to all submissions will ensure your participation in this prestigious event.

In attending this 8th World Conference on Lung Cancer in Ireland, we hope that you will take the opportunity to extend your stay and visit our island, steeped in history and culture – ‘The Island of Saints and Scholars’.

Finally, we look forward to welcoming you to the 8th World Conference on Lung Cancer and feel that the scientific programme, together with our ‘Cead Mile Failte’ (one hundred thousand welcomes) will provide a memorable experience.

Desmond N Carney MD, Scientific Secretariat, University College Dublin

Paul A Bunn Jr MD, President, IASLC, Director, University of Colorado Cancer Center
The Scientific Programme as indicated will include: plenary sessions, mini symposia, offered papers of selected abstracts which will be oral slide presentations or posters, 'Meet the Professor' sessions, satellite symposia and exhibits.

Programme topics
- Biology / markers
- Chemotherapy
- Combined modality therapy
- Epidemiology / etiology
- Pathology
- Prevention / early detection
- Pulmonary imaging / staging / diagnosis
- Radiotherapy
- Supportive care / quality of life
- Surgery
- Plenary sessions and mini-symposia. The invited speakers and topics are as outlined. These sessions will address current issues in all aspects of lung cancer care and biology and will provide attendees with the most recent data in these topics.

Proffered papers/posters
The speakers will be chosen on the basis of submitted abstracts. The deadline for receipt of abstracts is January 15, 1997. The persons with abstracts chosen for presentation will be selected in February 1997 and notified in March 1997. The top four abstracts will be selected for presentation and discussion at the Presidential Plenary Session. Abstracts should be submitted on the official abstract form. All presenters must complete the official registration form.

Meet the professor session
On Monday, Tuesday, Wednesday and Thursday from 7.00am to 8.00am international experts on four different topic areas will be available for "Meet the Professor" sessions which will include a continental breakfast. The cost of each session is £20 and participants must register/pay in advance. Participation will be limited to no more than 10 persons per session, thereby allowing participants an opportunity, in a small group session, to discuss the topic for which the presenter is noted. If less than 10 persons register for a session, that specific session will be cancelled and the registration fee refunded.

Exhibits
A trade exhibition of exhibits featuring the products and services of selected vendors will run concurrently with the sessions of the conference.

Satellite symposia
Satellite Symposia will be offered to conference attendees free of charge. These will be sponsored by a variety of pharmaceutical companies including: Amgen, Asta Medica, Bristol Myers Squibb, Eli Lilly, Rhone-Poulenc Rorer and SmithKline Beecham.

The schedule and topics are listed opposite in the conference programme. Separate information on speakers, specific topics and registration will be sent by the sponsoring companies at a later date. You are encouraged to attend these symposia as the topics have been chosen in discussion with the local scientific committee and will complement the plenary sessions and mini-symposia of the conference.

Scholarships/travel awards
Ten (10) travel awards are available for young investigators (35 years of age or younger) and 10 travel awards are available for investigators from developing Nations. These awards will consist of: US$1,500, registration and accommodation in University College Dublin and free membership of the IASLC for two years.

Guidelines for awards
Young Investigators Award:
1. Candidate must be 35 years of age or younger at the time of the 8th World Conference (August 10th 1997).
2. The candidate must be the first author of the submitted abstract.
3. The work must not have been presented or published before the date of the 8th World Conference.
4. Abstracts must be submitted on schedule.

How to apply:
The candidate must submit an abstract to the 8th World Conference in the usual manner, indicating that the abstract is to be considered for the Young Investigator or the Developing Nations Award. In addition, candidates for the Young Investigators Award should submit:
- An extended abstract of up to five double-spaced pages
- A Curriculum Vitae
- For Young Investigators a statement by the senior member (who must be a member of IASLC) of the candidates role in the research
- For Developing Nations Award the investigators should include a 1-5 page description of their interests and current research in Lung Cancer.

Award winners will be selected by the Programme Committee on the basis of the scientific content of the abstract. Winners will be notified in March 1997. Those who receive a Young Investigators Award will present their data (oral, slide or poster) at the conference.
### IASLC 8th World Conference on Lung Cancer 1997

<table>
<thead>
<tr>
<th>Date</th>
<th>August 10</th>
<th>August 11</th>
<th>August 12</th>
<th>August 13</th>
<th>August 14</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Times</strong></td>
<td>Sunday</td>
<td>Monday</td>
<td>Tuesday</td>
<td>Wednesday</td>
<td>Thursday</td>
</tr>
<tr>
<td>7.00am</td>
<td>Registration</td>
<td>Meet the Professor</td>
<td>Meet the Professor</td>
<td>Meet the Professor</td>
<td>Meet the Professor</td>
</tr>
<tr>
<td>8.00</td>
<td>Plenary: The politics of tobacco</td>
<td>Mini Symposia (5)</td>
<td>Plenary: Molecular genetics of lung cancer</td>
<td>Plenary: Integrated combined modality therapy</td>
<td></td>
</tr>
<tr>
<td>9.00</td>
<td>Eli Lilly Symposium: Frontiers in the management of lung cancer</td>
<td>Coffee, Posters: 1</td>
<td>Coffee, Posters: 2</td>
<td>Coffee, Posters: 3</td>
<td></td>
</tr>
<tr>
<td>10.00</td>
<td>Coffee</td>
<td>Plffered Papers (5)</td>
<td>Plffered Papers (5)</td>
<td>Plffered Papers (5)</td>
<td></td>
</tr>
<tr>
<td>10.30</td>
<td>SmithKline Beecham Symposium: New perspectives on small cell lung cancer chemotherapy</td>
<td>Lunch, Posters: 1</td>
<td>Lunch, Posters: 2</td>
<td>Lunch, Posters: 4</td>
<td></td>
</tr>
<tr>
<td>11.00</td>
<td>Brunch</td>
<td>Mini Symposia (5)</td>
<td>Plffered Papers (5)</td>
<td>Plffered Papers (5)</td>
<td></td>
</tr>
<tr>
<td>11.30</td>
<td>Coffee</td>
<td>Coffee, Posters: 1</td>
<td>Coffee, Posters: 2</td>
<td>Coffee, Posters: 4</td>
<td></td>
</tr>
<tr>
<td>12.00pm</td>
<td>SmithKline Beecham Symposium: New perspectives on small cell lung cancer chemotherapy</td>
<td>Lunch, Posters: 1</td>
<td>Lunch, Posters: 2</td>
<td>Lunch, Posters: 4</td>
<td></td>
</tr>
<tr>
<td>12.30</td>
<td>Lunch</td>
<td>Mini Symposia (5)</td>
<td>Plffered Papers (5)</td>
<td>Plffered Papers (5)</td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>Brunch</td>
<td>Coffee, Posters: 1</td>
<td>Coffee, Posters: 2</td>
<td>Coffee, Posters: 4</td>
<td></td>
</tr>
<tr>
<td>1.30</td>
<td>SmithKline Beecham Symposium: New perspectives on small cell lung cancer chemotherapy</td>
<td>Lunch, Posters: 1</td>
<td>Lunch, Posters: 2</td>
<td>Lunch, Posters: 4</td>
<td></td>
</tr>
<tr>
<td>2.00</td>
<td>Mini Symposia (5)</td>
<td>Plffered Papers (5)</td>
<td>Plffered Papers (5)</td>
<td>Plffered Papers (5)</td>
<td></td>
</tr>
<tr>
<td>2.30</td>
<td>Brunch</td>
<td>Coffee, Posters: 1</td>
<td>Coffee, Posters: 2</td>
<td>Coffee, Posters: 4</td>
<td></td>
</tr>
<tr>
<td>3.00</td>
<td>SmithKline Beecham Symposium: New perspectives on small cell lung cancer chemotherapy</td>
<td>Lunch, Posters: 1</td>
<td>Lunch, Posters: 2</td>
<td>Lunch, Posters: 4</td>
<td></td>
</tr>
<tr>
<td>4.00</td>
<td>Brunch</td>
<td>Coffee, Posters: 1</td>
<td>Coffee, Posters: 2</td>
<td>Coffee, Posters: 4</td>
<td></td>
</tr>
<tr>
<td>4.30</td>
<td>SmithKline Beecham Symposium: New perspectives on small cell lung cancer chemotherapy</td>
<td>Lunch, Posters: 1</td>
<td>Lunch, Posters: 2</td>
<td>Lunch, Posters: 4</td>
<td></td>
</tr>
<tr>
<td>5.00</td>
<td>Mini Symposia (5)</td>
<td>Plffered Papers (5)</td>
<td>Plffered Papers (5)</td>
<td>Plffered Papers (5)</td>
<td></td>
</tr>
<tr>
<td>5.30</td>
<td>Brunch</td>
<td>Coffee, Posters: 1</td>
<td>Coffee, Posters: 2</td>
<td>Coffee, Posters: 4</td>
<td></td>
</tr>
<tr>
<td>6.00</td>
<td>SmithKline Beecham Symposium: New perspectives on small cell lung cancer chemotherapy</td>
<td>Lunch, Posters: 1</td>
<td>Lunch, Posters: 2</td>
<td>Lunch, Posters: 4</td>
<td></td>
</tr>
<tr>
<td>7.00</td>
<td>Brunch</td>
<td>Coffee, Posters: 1</td>
<td>Coffee, Posters: 2</td>
<td>Coffee, Posters: 4</td>
<td></td>
</tr>
<tr>
<td>7.30</td>
<td>SmithKline Beecham Symposium: New perspectives on small cell lung cancer chemotherapy</td>
<td>Lunch, Posters: 1</td>
<td>Lunch, Posters: 2</td>
<td>Lunch, Posters: 4</td>
<td></td>
</tr>
<tr>
<td>7.30</td>
<td>Opening reception</td>
<td>Plffered Papers (5)</td>
<td>Plffered Papers (5)</td>
<td>Plffered Papers (5)</td>
<td></td>
</tr>
</tbody>
</table>

**NB Times are approximate. Note: (5) = Parallel sessions.**
Scientific programme

(The following speakers and topics are tentative and are subject to change)

Monday, August 11, 1997

Plenary session:
The politics of tobacco
• Control of tobacco consumption
  TBA
• Epidemiology of tobacco consumption
  P Boyle, IT
• The politics of tobacco
  N Cray, AUST
• Manipulation of cigarette production to cause and enhance addiction
  C Douglas, USA

Mini-Symposia:
Biology: Cell surface antigens, growth factors and receptors in lung cancer
• Neuropeptide growth factors
  E Rozengriltli, UK
• Cell surface antigens as therapeutic targets
  R Sahel, SWIT
• IGF growth factors
  K Havemann, GER
• Retinoids and their nuclear receptors in lung cancer development and prevention
  R Lotan, USA
• Anti-growth factor/antisense therapy
  P Bunn, USA

Pathology: Adenocarcinomas
• Update of IASLC and WHO pathology panels activities on revision of lung tumour classification
  Y Shimosilt, JPN
• Papillary adenocarcinoma vs bronchioloalveolar carcinoma:
  (1) Pathology: genetic changes and outcome.
     M Noguchi, JPN
  (2) Imaging: Gross pathology and microscopic findings.
     K. Eguchi, JPN
• Uncommon adenocarcinomas
  JV Calby, USA

Surgery: Minimal invasive surgery
• Video-assisted thoracic surgery in the management of lung cancer
  P Goldstraw, UK
• Major lung resection by VATS
  T Nozaka, JPN
• The role of bronchoscopy in the diagnosis and staging of lung cancer
  L Putnam, USA
• Video-assisted thoracoscopic lobectomy and pneumonectomy for lung cancer
  G Roviaro, IT

Chemotherapy: New agents/combinations SCLC
• Paclitaxel – D Ragaz, USA
• Gemcitabine – F Shepherd, CAN
• CPT-11 – K Furuse, JPN
• Topotecan – J Schiller, USA
• Docetaxel – J Smyth, UK

Radiation: Innovative radiotherapy techniques
• Continuous Hyperfractionated Accelerated Radiotherapy (CHART)
  M Saunders, UK
• 3-D conformal radiation therapy
  J Armstrong, IRL
• Definition of target volumes
  D Ball, AUST
• Predicting pulmonary toxicity of radiotherapy
  J Lubesque, NETH
• High dose palliative brachytherapy
  P Burt, UK

Tuesday, August 12, 1997

Plenary Session:
Presidential Symposium
Mini-Symposia:
Biology: Early detection
• Overview of lung cancer screening and early detection
  J Mulshine, USA
• Molecular-pathological assessment of individuals with a high risk of developing lung cancer
  J Field, UK
• Molecular damage in smoke damaged bronchial epithelium
  AJ Gazdar, USA
• Early detection by sputum immunosorbing
  MTockman, USA
• Laser-assisted bronchoscopy in the early detection and treatment of lung cancer
  F Lam, CAN

Pathology: Neuroendocrine Tumours
• Classification of neuroendocrine tumours of the lung
  WD Travis, USA
• Why are bronchopulmonary carcinoids unique tumours?
  PS Hasleton, UK
• Molecular biology of neuroendocrine tumours of the lung
  P Goldstraw, UK
• Subclassification of SCLC and significance of non-SCLC with neuroendocrine features
  JR Hirsch, Den

Surgery/RT: Controversies in the local control of non-SCLC
• How important is local control with radiation for survival in non-SCLC?
  R Abratt, RSA

Meet the Professor Sessions*

Day
Monday
1A: Radiation
2A: Support
3A: Chemotherapy
4A: Surgery
1B: Radiation
2B: Prevention
3B: Pathology
4B: Biology
Professors
A Gregor, UK; W Sano, USA
R Golightly, USA; C Klaustrony, BEL
D Bole, USA; N Thatcher, UK
P Goldstraw, UK; G Mott, IT
J Armstrong, IRL
N Van Zandwijk, NETH
A Gazdar, USA; SR Travis, USA
P Twentyman, UK; R Stahl, SWIT

Day
Wednesday
1C: Surgery
2C: Early detection
3C: Chemotherapy
4C: Pulmonary Support
Professors
B Ginsberg, USA; U Pasteur, IT
J Mulshine, USA; M Tockman, CAN
H Hansen, DEN; D Johnson, USA
K Feld, CAN; JP Sculier, BEL

Day
Thursday
1D: Biology
2D: QOL
3D: Pathology
4D: Chemotherapy
Professors
B Johnson, US; P Rabbits, UK
P Hopkins, US; P Harper, UK
P Hasleton, UK; S Ainer, USA
J Ainer, US; B Evans, CAN

*See page 6 for details of registration
Scientific programme

Wednesday, August 13, 1997

Plenary Session: Molecular genetics of lung cancer:
- Cancer susceptibility genes and molecular epidemiology
  A Haugen, NOR
- The clinical significance of the genetic abnormalities in lung cancer
  J Milana, USA
- Early molecular events in the pathogenesis of lung cancer
  P Rabbits, UK
- Gene therapy for lung cancer: a realistic possibility
  J Roth, USA

Thursday, August 14, 1997

Plenary Session: Integrated combined modality therapy:
- Combined modality therapy for lung cancer
  J W Sause, USA
- Surgical resection for non-SCLC: the impact of chemotherapy
  A Ginsberg, USA
- Induction chemotherapy for early stage non-SCLC
  M Tomasi, IT
- Integration of chemotherapy and radiation therapy for SCLC
  R Arrigada, FR

Mini-Symposia:
Biology: Primary prevention/chemo prevention in lung cancer
- Primary prevention in lung cancer
  C. Hed, USA
- Current status of lung cancer chemoprevention
  P Postmus, NETH
- Treatment of the solitary brain metastases in non-SCLC: radiation or surgery on both?
  R Patchell, USA
Social Programme

A taste of the famous Irish hospitality

For a relatively small island, Ireland offers a huge variety of entertainment, scenery and culture. The social programme we have drawn up offers delegates and their companions the opportunity to sample the atmosphere and hospitality for which Ireland is famous worldwide.

Dublin, the capital city, is situated on the east coast of Ireland. The city lies at the head of Dublin Bay and straddles the river Liffey. Originally a sea port 1,000 years ago, Dublin has developed into a seat of learning, an important economic centre and a focus of cultural life in Ireland.

No matter what your interests, Dublin has something to offer. The city centre is dotted with museums, art galleries, theatres, historical buildings and churches and these include medieval, Georgian and modern architecture. Monuments in literature and stone mark the achievements of world renowned Irish writers, poets and Dublin figures and also bear testament to the way that the city has developed over 1,000 years.

Although steeped in history and culture, Dublin is vibrant and lively and a magnet for young people from all over Europe. This modern city now attracts overseas visitors who come to sample our excellent shopping, innovative restaurants, nightlife and pub atmosphere and music. Whether you stay for a weekend or a more prolonged sojourn, the hospitality and friendliness of Dubliners is unequalled in any other capital city.

As well as being a bustling capital, Dublin also boasts excellent beaches, parks and coastal scenery. Within a half an hour’s drive, you can be immersed in the Irish countryside in the ‘Garden of Ireland’ - County Wicklow. Drive 200 miles and you will witness a total transformation of the landscape, people and even the language.

Scientific registration and social programme

Those registering for the scientific programme are invited to attend the opening ceremony on Sunday evening, the field trips on Wednesday afternoon, the reception hosted by the Irish Government in historic Dublin Castle on Wednesday evening and the Gala Banquet and closing ceremony on Thursday evening.

Guest programme registration

Registration for the guest programme is open to all guests not registering for the scientific conference. The guest programme registration includes participation in all social events including; the opening ceremony and reception; a choice of field trip on Wednesday afternoon; the Wednesday evening State reception in the historic Dublin Castle; and the Thursday evening closing Banquet. In addition a guest hospitality room will be provided.

Opening ceremony and reception

The opening ceremony for the conference will be held in the University Conference Centre starting at 6.30pm on August 10, 1997. In addition to the formalities, this ceremony will include a presentation entitled:

Ireland - A historical and cultural perspective.

This presentation will be followed by a reception in the conference centre.

Field trips

A choice of field trips to illustrate the beauty, culture and heritage of Ireland is available. The cost is included in the registration fee. A detailed description of each trip is listed on page 11. Each trip, which will include a packed lunch, will last approximately four hours and will commence at 2.00pm departing from University College Dublin. As the tours have restrictions on numbers, you are advised to sign up in advance listing each trip in order of choice. Participation will come on a first come first served basis. The committee reserves the right to make alterations or additions to the choices offered in order to maximise the availability of places.

Optional tours

A programme of optional events has been drawn up which will enable visitors who are not attending conference sessions to sample Ireland. These range from scenic tours to musical evenings, meals, gallery visits and city tours. Advance registration is essential and all tours are subject to a minimum participation of 25 people.

James Joyce
Tour 1: Glendalough and Co Wicklow Tour

St Kevin founded a hermitage here in Glendalough, or the glen of the two lakes, in the sixth century. His sanctity attracted so many people that a monastery was then established from which grew a monastic city, famous as a centre of learning throughout Europe. The tour takes you through this picturesque region with a visit to the settlement and heritage centre.

Tour 2: Boyne Valley Tour

Five thousand years ago settlers first came here, attracted by the swift-flowing Boyne River which gave them access to the interior and the rolling green hills that surveyed the surrounding land. Now their tale is told by the stones, mounds and tombs they left behind. These include Newgrange, one of the most important and spectacular prehistoric monuments in Europe, which is part of an enormous Stone Age cemetery whose enigmatic decorations and sheer size continue to fascinate visitors.

Tour 3: Mount Usher Gardens/Avoca Handweavers

Edward Walpole, a Dublin businessman acquired the land in 1868 and over the past 100 years, the garden has grown to over 4,000 species of plants from many parts of the world. Some of the best views of Mount Usher can be enjoyed from the garden bridges, where you may spot the occasional heron or kingfisher. Avoca Handweavers stock a fine selection of hand woven knitwear and interesting craft.

Tour 4: Russborough House

In 1741 Richard Cassel and Francis Bindon built a mansion to be the country seat of a Dublin brewer, Joseph Leeson. The overall house exudes a feeling of wealth and power. This house is furnished and decorated with antique furniture, tapestries, carpets, porcelain, a collection of rare dolls and other valuables. It also houses the Beit Collection, one of the finest art collections in Ireland. The works include paintings by Goya, Murillo, Velazquez and Gainsborough.

Tour 5: Powerscourt Gardens/Avoca Handweavers

Just 12 miles south of Dublin in the foothills of the Wicklow mountains lies Powerscourt Estate. Its gardens are famous the world over as a magnificent example of an aristocratic garden with Italian and Japanese themes, herbaceous borders, ornamental lakes, decorative ironwork, a pets' cemetery and an extensive tree collection.

Tour 6: ‘The Pint and the Half One’ Tour of Dublin

A visit to the hop store of Guinness Brewery for an audio-visual presentation on the history of the famous brew. Followed of course by a tasting! Then across the Liffey to the Irish Whiskey Corner for more of the same.
Optional Special Events

**Sunday August 10**

**Tour A (2-4pm)**
Panoramic City Tour
Dubh Linn meaning ‘dark pool’ is today Baile Átha Cliath, ‘the town of the hurdle ford’. This tour will help orientate visitors to the geography of Dublin, pointing out places of key historical interest and features of this thriving city.
*Cost* IR£1 per person

**Tour B (2-4pm)**
South County Dublin
This tour will take you a handful of miles south of Dublin’s city centre where lies a region of outstanding natural beauty. The Dublin mountains rise in purple majesty embracing a landscape of wide bays and little villages with lovely coastal views and an almost Mediterranean atmosphere.
*Cost* IR£1 per person

**Monday August 11**

**Tour C (8am-1pm)**
Malahide Castle
Originally a fortress, Malahide Castle then served as a private house for nearly 800 years, being the home of the Talbot family from 1185 to 1973. Its core is 14th century with many later additions. Inside are rooms furnished with period furniture including a striking Great Hall with a Minstrels’ Gallery. The estate also houses the Talbot Botanic Gardens.
*Cost* IR£18 per person

**Tour D (2-4pm)**
Panoramic City Tour
See Tour A for details.
*Cost* IR£17 per person

**Tour E (7-11.30pm)**
Abbey Tavern – dinner & ballads
Situated in the picturesque fishing village of Howth, north of Dublin city, the Abbey Tavern Irish evening is famous for its traditional food, Irish music and song.
*Cost* IR£42 per person

**Tuesday August 12**

**Tour G (9am - 5.30pm)**
Japanese Gardens & the National Stud
South of Dublin in the area regarded as the centre of the thoroughbred industry lies the Irish National Stud and Japanese Gardens. The stud established by Lord Wavertree 90 years ago, contributes to the bloodstock industry by providing the service of top class stallions at reasonable fees. The Japanese Gardens were laid out by the celebrated gardener Eida in 1906. Through the use of trees, shrubs, rocks and water, it tells the story of man’s progress through life.
*Cost* IR£35 per person (inc lunch & afternoon tea)

**Tour H (9am - 1.30pm)**
Scenic tour of Avoca
This tour will take you through the Wicklow mountains to the Vale of Avoca. The Vale of Avoca begins three miles north of Avoca village, where the rivers Avonmore and Avonbeg meet to form the Avoca and is the setting for Thomas Moore’s poem: the Meeting of the Waters.
“*There is not in this wide world a valley so sweet As that in whose bosom the bright waters meet.*”
*Cost* IR£18 per person (incl morning coffee & visit)

**Tour I (7 - 11.30pm)**
Abbey Tavern – dinner & ballads
See Tour E for details.
*Cost* IR£42 per person

**Tour J (7 - 11.30pm)**
The ‘Poitín Still’ Irish Night
Visit this attractive thatched Irish pub/restaurant for an evening of good food, traditional music, dancing and song. The Poitin Still is not exclusively for visitors – it is a local hostelry too!
*Cost* IR£42 per person

**Wednesday August 13**

**Tour K (9am - 1pm)**
The National Gallery of Ireland and Trinity College
Built by Frances Fowke, the architect of London’s Victoria and Albert Museum, the Irish National Gallery houses...
Optional Special Events

an impressive collection of works including over 2,400 paintings and some 300 pieces of sculpture. Trinity College was founded by Queen Elizabeth I in 1592 and is the sole college of Dublin University. Its library houses over two million volumes, most notable the 'Book of Kells', a Latin text of the Four Gospels with illuminated pages which dates from AD 800.
Cost I£17 per person (incl. morning coffee)

Tour L (9am - 1pm)
Temple Bar Tour
Dublin’s Left Bank area has been extensively renovated under the government’s urban renewal scheme. This area houses many of Dublin’s favourite restaurants, pubs, galleries and shops.
Cost I£15 per person (incl. morning coffee)

Thursday August 14

Tour M (9am - 1pm)
The Irish Museum of Modern Art at The Royal Hospital, Kilmainham
This museum is located at the Royal Hospital, Kilmain-

ham, a fine 17th century building, built as a home for retired soldiers. The style is based on Les Invalides in Paris with a formal facade and large elegant courtyard. The museum houses an exciting and innovative range of international and Irish art of the 20th century.
Cost I£18 per person
Note: All tours are subject to a minimum participation of 25 persons.
Accommodation

Accommodation is available across a wide range of price categories. These are listed below. Each hotel booking must include a minimum payment for two nights in advance. The balance plus any extras must be paid directly to the hotel on departure. A courtesy shuttle bus service will run between the hotels and the conference centre at peak conference hours.

**Five Star Hotels**

1. Shelbourne Hotel
   **approx 5km from Congress venue**
   In the heart of Dublin overlooking St Stephen’s Green, within walking distance of shopping areas and Dublin’s social and cultural business life.

2. Westbury Hotel
   **approx 4km from Congress venue**
   An international luxury hotel nestled in the heart of cosmopolitan Grafton Street, the premier shopping street of Dublin.

3. Davenport Hotel
   **approx 5km from Congress venue**
   A rather spectacular hotel in the centre of Dublin city—originally a church dating back to 1863—the facade has been restored to its former glory.

4. Berkeley Court Hotel
   **approx 4km from Congress venue**
   A member of the leading Hotels of the World, this luxury hotel is located in the exclusive embassy area in the south suburbs of Dublin.

5. Conrad Hotel
   **approx 3km from Congress venue**
   Located just off St Stephen’s Green opposite the National Concert Hall, the Conrad is a short walk from the business, shopping and cultural centres of Dublin.

6. Jurys Towers
   **approx 4km from Congress venue**
   Situated in the city’s prime residential area, 15 minutes walk from the city centre.

7. Alexander Hotel
   **approx 5km from Congress venue**
   A newly built hotel situated in the heart of the city.

**Four Star Hotels**

8. The Burlington Hotel
   **approx 4km from Congress venue**
   One of Dublin’s largest hotels with a lively cosmopolitan atmosphere located in the south suburbs and within a five minute walk of the city.

9. Herbert Park Hotel
   **approx 4km from Congress venue**
   Overlooking the ornamental gardens of Herbert Park, this is a newly built hotel in a contemporary setting.

10. Mont Clare Hotel
    **approx 5km from Congress venue**
    Overlooking Merrion Square, just minutes from the main shopping areas and major attractions with 74 luxurious fully air conditioned bedrooms.

11. Jurys Hotel
    **approx 4km from Congress venue**
    Situated in the south suburbs, yet only 15 minutes walk from the city centre—a large international hotel with 290 bedrooms equipped to the highest standard.

**Three Star Hotels**

12. Blooms Hotel
    **approx 5km from Congress venue**
    Located in the heart of Dublin’s cultural and artistic quarter—Temple Bar. Being a relatively small hotel (86 bedrooms), there is an atmosphere of intimacy and familiarity.

13. Doyle Tara Hotel
    **approx 1km from Congress venue**
    Overlooking Dublin Bay on the main coast road south, a popular hotel with all bedrooms en-suite and equipped with tea/coffee making facilities.

14. Doyle Montrose Hotel
    **Opposite front gate of Congress venue**
    Recently refurbished to a high standard, this popular hotel has 179 bedrooms, all with en-suite facilities, a lively bar which serves food and a more formal dining room.

15. Temple Bar Hotel
    **approx 3km from Congress venue**
    Located at the very centre of Dublin in the exciting and vibrant Temple Bar district. All rooms are equipped with tea/coffee facilities, garment press and hairdryer.

16. Mount Herbert
    **approx 4km from Congress venue**
    A family hotel run to a superb standard, located in the south suburbs of Dublin, conveniently located close to the Dublin Area Rapid Transport System (DART).

17. University College Dublin campus accommodation

Superior development of self contained apartments, which are modern in design and tastefully decorated. Each apartment has three/four single bedrooms, two bathrooms and a fully equipped dining room/kitchen. These bedrooms can be booked for single accommodation and couples will be accommodated in adjacent single rooms.
Hotel locations

- Shelbourne Hotel
- Westbury Hotel
- Davenport Hotel
- Berkeley Court Hotel
- Conrad Hotel
- Jurys Towers
- Alexander Hotel
- The Burlington Hotel
- Herbert Park Hotel
- Mont Clare Hotel
- Jurys Hotel
- Blooms Hotel
- Doyle Tara Hotel
- Doyle Montrose Hotel
- Temple Bar Hotel
- Mount Herbert
- University College Dublin Campus
General information

Ireland: Climate and culture

Dublin is situated on the east coast of Ireland. It is a 50 minute flight from London's Heathrow airport. There are connections to European cities and to the major east coast US cities.

The conference is being held in University College Dublin on the south side of the city, which is three miles from the city centre. The College can be reached by frequent buses, taxis or by foot if you're feeling energetic! All the conference hotels are within three miles and the Doyle Montrose is adjacent to the university.

The conference venue has full wheelchair accessibility.

Weather

Ireland enjoys a temperate climate. In mid August temperatures are around 18°C (64°F). You may experience some rain, so come prepared! The evenings can be quite chilly and darkness falls around 9pm. Casual dress is acceptable and attire such as sweaters, pants, jackets, etc. is usually worn because of our climate. More formal attire, such as suits and dresses, is recommended for the formal dinners and top class restaurants.

Tipping

Tipping is not taken for granted in Ireland but is much appreciated. We guarantee that when delegates encounter the friendly smiles and helpful attitudes of our service staff, they will want to show their appreciation.

Currency

The currency used is the Irish pound, known as the 'punt'. It is worth slightly more than the pound sterling and converts to approximately US$1.60. Travellers cheques can be changed at the airport, the conference site, in hotels and at the many banks and exchanges throughout the city. There will be a Bureau de Change on campus. Commission rates vary. Most shops and restaurants accept major credit cards.

Tours

A number of tours have been outlined in this brochure but for those wishing to travel independently, the most convenient mode of transport is car hire. There are train and coach connections between the major towns but to really experience Ireland, wandering is essential! Ireland offers a range of accommodation including various grades of hotels and guest houses and our world famous 'B&Bs' where travellers stay with Irish families in their homes and are provided with accommodation, usually en suite, and a hearty Irish breakfast.

Sports facilities

Ireland is a nation of golfers. We have hundreds of courses including the world class Portmarnock, Royal Dublin Golf Club, Druid's Glen, the K Club and Mount Juliet. One of our major sporting events is the Irish Open which is held in July each year.

All delegates will have access to the UCD Fitness Centre which is located on the university campus close to the conference centre. The Fitness Centre has a fully equipped gym, including treadmills, cycles, rowers, stepping machines and virtual reality aerobic equipment. It also has a sauna. There are outdoor tennis courts on site. In addition, facilities for indoor tennis have been organised at Dublin's prestigious Riverview Club which is about a mile from the conference centre at UCD.

Courtesy shuttle

To facilitate delegates, a courtesy shuttle bus service from each hotel to the conference centre will be available during peak conference hours. Public transport to and from the conference venue is available every 15 minutes from the city centre.

Conference Administrator

Regina Prendergill
Postgraduate Medical Centre
52 Eccles Street
Dublin 7
Republic of Ireland
Tel: +353-1-8306795
Fax: +353-1-8309090
E-mail: postgrad@mater.ie

Registration/Accommodation Office

Professional Educational Conferences Ltd
Clifton House
26 Fitzwilliam St
Dublin 2
Republic of Ireland
Tel: +353-1-6613788
Fax: +353-1-6612073
General information

Conference and accommodation details

Registration

Conference registration will be held at the following times at the Conference Centre, University College Dublin:

- Saturday, August 9: 4.00-8.00pm
- Sunday, August 10: 8.00am-6.00pm
- Mon/Tues/Thurs: 8.00am-5.00pm
- Wednesday: 8.00am-1pm

The registration fee includes all materials and conference handouts, a copy of the abstract book, all social activities including the opening ceremony and reception, a choice of field trip, the closing ceremonies and the banquet.

Smoking

Smoking is not permitted at the conference. Ireland has public health regulations which prevent smoking in public buildings and on public transport. There are usually sections in restaurants for smokers. Why not use the conference as an opportunity to kick the habit?

Conference language

The official language of the conference is English.

Accommodation

The hotel charges as detailed on the Accommodation Booking Form are inclusive of:
- Accommodation in rooms with private bath/shower
- Service charge and taxes
- Full Irish breakfast daily

University College Dublin (UCD) campus accommodation consists of three/four single bedrooms in each apartment. Couples will be accommodated in adjacent single rooms. Continental breakfast is included in the price. It is the responsibility of participants, on the day of departure, to settle their hotel account and pay for any extras charged to their room.

Delegates are advised to book early as August is the peak tourist season in Dublin. The number of single rooms is limited. We have therefore agreed a composite rate with the hotels to allow us a large proportion of single rooms.

Payment

Payment must be made by banker's draft and drawn in Irish pounds (€) on an Irish Bank (e.g., Bank of Ireland, Allied Irish Bank, Ulster Bank or National Irish Bank) and made payable to '8th WCLC'. All bank charges must be paid in advance and therefore payments must be free of charges to the receiver. All banks have an International Department which deals with foreign transactions and will be familiar with this method of payment.

Payment may also be made by Credit Card. Visa or Mastercard/Access are accepted. Please ensure that complete card number and expiry date are included on the Registration Form.

Cancellations

Cancellations of Registration and/or accommodation must be received in writing by the Registration Office by the dates specified below. Credit cannot be given for unattended events or early termination of attendance.

There will be no refund on accommodation for non-arrivals. Refunds are applicable as follows:
- Before 1 June, 1997: Full refund of accommodation and registration fees
- 1 June, 1997-30 June, 1997: 50% refund of accommodation and registration fees
- After July 1, 1997: no refund

Alternatives to arrival and departure dates of existing bookings will be accepted without penalty up to July 25, 1997.

Conference badges

Conference badges must be worn at all times while delegates are on the campus.

Sponsors

To date this conference has been supported by unrestricted education grants from:

- Amgen
- Asta Medica
- Bristol Myers Squibb
- Central Laboratories
- Convention Bureau of Ireland
- Eli Lilly
- The Irish Cancer Society
- Laboratories Pierre Fabre Oncologie
- Mater Misericordiae Hospital, Dublin
- Napp/Mundipharma/Purdue Frederick
- Pharmacia & Upjohn
- Rhône-Poulenc Rorer
- Sandoz
- SmithKline Beecham
- St Luke’s/St Anne’s Hospital, Dublin
- SmithKline Beecham
- St Luke's/St Anne's Hospital, Dublin
General information

Travel

Dublin Airport is situated on the north side of the city, about eight miles from the city centre. At off-peak times the city centre can be reached in 20 minutes from the airport. However, during commuter times, allow about an hour. It is serviced by buses and taxis.

Aer Lingus

Aer Lingus, Ireland’s national airline, has been appointed official carrier to the conference. To avail of special conditions on air-fares and to receive details of vacation options before or after the meeting, delegates should contact their local Aer Lingus office in Europe and the US or Aer Lingus general sales agents elsewhere as listed below.

Amsterdam 0206238620
Bahrain 211933
Birmingham 01216314680
Copenhagen 33126055
Dusseldorf 02113230231
Glasgow 01412484341
Johannesburg 4418600
Madrid 915414216
Milan 0276000080
New York 2125571111
Paris 0147421250
Stockholm 020795251
Tel Aviv 211933
Toronto 18002236337
Auckland 794455
Bombay 2221442
Brussels 0254898482
Dubai 22088
Frankfurt 069292054
Hong Kong 8680303
London 0818994747
Manchester 0161872866
Rome 0648128518
Sydney 023219123
Tokyo 52751666
Zurich 012112850

Delegates from the US and Canada

Delegates from the US and Canada should contact the office listed below to avail of special fares to Ireland for the conference:

Conference International Inc.,
Suite 607,
25 Huntington Avenue,
Boston, MA 02116-5713.
Tel: 1-800-2218747.
Fax: 617-266-5800.

Irish landscape

DATES TO REMEMBER

Deadline for abstract submissions: January 15, 1997
Early registration/accommodation: Before April 5, 1997
Meeting: August 10-15, 1997
Whilst every care has been taken to ensure accuracy in the compilation of this map, Bord Fáilte – Irish Tourist Board cannot accept responsibility for errors or omissions. Because of the small scale of this map, not all holiday centers can be shown. The information on this map is correct at the time of going to press.
Mr. Brian Cowan,
Minister for Health,
Department of Health,
Hawkins House,
Poolbeg Street,
Dublin 2.

July 11th 1997.

Ref: 8th World Conference on Lung Cancer,
10th-15th August 1997,
University College Dublin, Ireland.

Dear Minister Cowan,

Congratulations on your recent success in the General Election and your appointment to that of Minister for Health. It is a most prestigious and challenging Ministerial Position and on behalf of my Colleagues and myself, may I extend our best wishes for a successful and rewarding term.

This year the International Association for the study of Lung Cancer (IASLC) plays host to a World Conference which will be staged in University College Dublin from August 10th -15th. It is the first time Ireland has been awarded this Conference and although initial figures suggested a total attendance of 1,400, this figure has exceeded now to 2200 Delegates from 63 countries Worldwide. This is also the first major Cancer meeting relating to a specific disease topic to be held in this country. It clearly signifies the importance in which Ireland is held in medical circles on an International basis.

The International Association for the study of Lung Cancer which was formed in 1976, holds an International Meeting every three years, alternating in locations between Europe, the Pacific Rim and the Americas. The 1997 Meeting in Dublin will attract the greatest number of delegates ever registered.

President Mary Robinson has kindly agreed to Officially Open the Conference on Sunday, August 10th in the O'Reilly Hall,

University College Dublin

Scientific Secretariat
Desmond N. Carney, M.D.,
University College Dublin,
Mater Misericordiae Hospital,
Eccles Street, Dublin 7.
IRELAND

Conference Administration
Regina Prenderville,
Postgraduate Medical Centre,
52 Eccles Street,
Dublin 7.
IRELAND

Telephone: (353)-1-8305795
Facsimile: (353)-1-8309090

(Both Scientific Secretariat & Conference Administration can be contacted on above lines)
University College Dublin and on Wednesday, The Department of Health will kindly host a Reception in Dublin Castle for the Delegates. As 1800 Delegates have indicated their intention to attend the Reception, it may be necessary to run two concurrent Receptions on the same evening. This however will be finalised nearer to the actual date.

We would be honoured if you would attend this Reception and present a speech to our Worldwide Delegation. For your information, I have enclosed some literature on the Conference together with a copy of my initial letter to President Robinson and some relevant documentation on Lung Cancer.

I do appreciate that there is much pressure put on your most valuable time but we would be honoured to have you attend this Reception in Dublin Castle on Wednesday August 13th and look forward to hearing from you at your convenience.

Yours sincerely,

Desmond N. Carney

Desmond N. Carney
SCIENTIFIC SECRETARIAT.

Enclosures.
Mrs. Mary Robinson,
Uachtaran na hEireann,
Aras an Uachtaran,
Phoenix Park,
Dublin 8.

RE: 8th World Conference on Lung Cancer - 10 - 15 August 1997,
University College Dublin, Ireland.

Dear President Robinson,

It is with great pleasure that I extend to you, an invitation to Officially Open as our Head of State, the 8th World Conference on Lung Cancer on Sunday, August 10th at 6.30pm in the O'Reilly Hall, University College Dublin. The Conference will run from August 10th until August 15th 1997.

The International Association for the Study of Lung Cancer (IASLC), was founded in 1976 to address the Worldwide problem of cigarette related Cancers. This Association carries a membership of 1,400 members in 56 countries around the world and every three years, hosts a major World Conference on Lung Cancer. In previous years, this Conference has rotated between Europe, the Americas and the Pacific rim.

Next year, for the very first time, Ireland will play host to this World Conference. This meeting which will attract 1,400 Delegates from the world, will address all issues relating to Lung Cancer including prevention; early detection; treatment, in addition to the specific issues relating to tobacco control both here in Ireland and worldwide.

This is the first major Cancer meeting relating to a specific disease topic to be held in this country. It clearly signifies the importance in which Ireland is held in medical circles on an International basis.

cont...
President Robinson.

The appointment was awarded to Ireland following our initial submission in 1993 from myself and my Colleagues in the Department of Medical Oncology in the Mater Hospital to the Board of IASLC and included a series of detailed Site visits to Ireland and five other European countries.

We feel privileged and honoured that as a result of our submission being successful, Ireland will now host such a prestigious event and attract so many International Delegates to this country.

Lung Cancer is a major issue, not only on a worldwide basis but also in Ireland where there are approximately 2,000 new patients per year, almost all of whom will die from this disease within 12 months of diagnosis.

Two decades ago, this was predominately a disease of men; it is now being increasingly recognized that the number of women who develop Lung Cancer, secondary to cigarette smoking is almost equal to that of men and the number of deaths per year among women from Lung Cancer in Ireland is now exceeding that of deaths from Breast Cancer.

Thus not only is Lung Cancer a major health issue, generally speaking, it is also a major health issue for women. Unfortunately I would anticipate an epidemic of this disease in young women over the next 20 years as it is clearly being demonstrated that a large proportion of our younger generation taking up cigarette smoking today are in fact young women.

I have spent the last 20 years of my life dedicated to various aspects of research in Lung Cancer particularly aimed at developing new treatment strategies. However the best way of preventing this disease will be through education programmes, particularly aimed at teenagers and particularly to young girls prior to their leaving school. Such programmes have been initiated here in Ireland through the cooperation of the Irish Cancer Society and other health bodies.
President Robinson.

I do realise that there is much pressure being put on your time to be involved in important events. This meeting which will put Ireland firmly on the International Cancer map, will have a major impact on the better outcome for people who might develop Lung Cancer, not only here in Ireland but on a global basis and will have an impact on how this disease is treated as we go into the next Millennium.

On behalf of my Colleagues, I hope you will be able to honour us with your presence in accepting our invitation to Officiate at the Opening Ceremony of the Conference on what will most certainly be, an historic day for Irish medical science.

I look forward to hearing from you at your convenience.

Yours sincerely,

Desmond N. Carney
SCIENTIFIC SECRETARIAT

Enclosures.
In developed countries as a whole, tobacco is responsible for 24% of all male deaths and 7% of all female deaths; these figures rise to over 40% in men in some countries of central and eastern Europe and to 17% in women in the United States. The average loss of life of smokers is 8 years.

World-wide, smoking is killing three million people each year and this figure is increasing. In most countries the worst is yet to come, since by the time the young smokers of today reach middle or old age there will be about 10 million deaths/year from tobacco. Approximately 500 million individuals alive today can expect to be killed by tobacco, 250 million of these deaths will occur in middle age.

Tobacco now causes one-third of all male deaths in middle age (plus one fifth in old age). Tobacco is a cause of about half of all male cancer deaths in middle age (plus one-third in old age). Of those who start smoking in their teenage years and keep on smoking, about half will be killed by tobacco. Half of these deaths will be in middle age (35-69) and each will lose an average of 20-25 years of non-smoker life expectancy. In non-smokers in many countries, cancer mortality is decreasing slowly and total mortality rapidly. The war against cancer is being won slowly: the effects of cigarette smoking are holding back this victory. Lung cancer now kills more women in the United States each year than breast cancer.

Tobacco smoking is a major cause of premature death.

In the 15 years that passed from that initial report, the body of evidence increased and extended to include women (249) in whom lung cancer had increased fivefold in two decades in the United States. The Secretary for Health of the time (Mr. Joseph Califano) concluded “that smoking is the largest preventable cause of death in America”.

An important factor in the casual relationship between smoking and lung cancer is the demonstrated dose-response relationship. In epidemiological studies the dose has been measured by the number of cigarettes smoked/day at interview, the maximum number of cigarettes smoked/day, age smoking commenced, degree of inhalation of tobacco smoke, total number of years smoked.

Lung cancer mortality ratios exhibit on the inverse relationship with the age of initiation of the smoking habit. Those who develop the habit at school have a much higher risk of lung cancer than those who begin smoking at age 25+, in whom the risk is only 4-5 times that of non-smokers.
The largest relative increase of cancer in women has been in lung cancer which increased from 126,700 in 1975 to 219,000 in 1985, an increase of 73%. This can almost entirely be explained by changes in smoking pattern in women in many parts of the world.

Cigarette smoking and cancer: the modern plague

It is widely held that around 30% of cancer deaths are attributable to tobacco smoking (Table 3).

In men in all European countries, except Portugal, lung cancer is now the leading cause of cancer death.

The importance of adequate intervention is shown by the low lung cancer rates in Scandinavian countries which have adopted, since the early 1970's, integrated central and local policies and programs against smoking (5,57).

With specific reference to women, current rates in most European countries (except the United Kingdom and Ireland) are still substantially lower than in the United States, where lung cancer is now the leading cause of cancer death in females.

Epidemic in European women to be avoided.

Over 90% of lung cancer may be avoidable simply through avoidance of cigarette smoking.

There is a world wide epidemic of smoking among young women (45) which will be translated in increasing rates of tobacco-related disease, including cancer, in the coming decades; there is another epidemic of lung cancer and tobacco-related deaths building up in China as the cohorts of men in whom tobacco smoking became popular reach ages where cancer is an important hazard (17). Many solutions have been attempted to reduce cigarette smoking and increasingly many countries are enacting legislation to curb this habit (207).
It is clear that tobacco smoking is a direct cause of death in many individuals.

Smokers have a life expectancy which in developed countries are tobacco-related. From the results of studies conducted in Europe, Japan and North America, between 83 and 92% of lung cancers in men, and between 57 and 80% of lung cancers in women, are attributable to cigarette smoking.

Because of length of the latency period, tobacco-related cancers observed today are related to cigarette smoking patterns over two decades ago.

Tobacco can kill in over 20 different ways including causes such as lung cancer.

About half of regular cigarette smokers will eventually die from their habit. Many of these are not particularly heavy smokers but they can be characterised by starting smoking in their teenage years. Half of the deaths from tobacco will take place in middle age (35-69) and each will lose approximately 20 - 25 years of non-smokers life expectancy.

Smoking kills three million people each year.

The large absolute increases in smoking in women in countries such as Sweden, the Netherlands, France and Italy will be translated into large increases in female mortality from the habit early next century.

There are remarkable differences among the women in various countries particularly in regard to the proportion of deaths caused by tobacco in middle ages. The highest values in the United States, the United Kingdom, Ireland and Denmark represent those countries where large numbers of women started smoking first.

<table>
<thead>
<tr>
<th>Country</th>
<th>35-69</th>
<th>70+</th>
<th>All ages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ireland</td>
<td>700 (20%)</td>
<td>1600 (15%)</td>
<td>2300 (16%)</td>
</tr>
</tbody>
</table>