

EUROPATH NEWS 2/2000



European Society
of
Pathology

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The newsletter of the
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EUROPATH NEWS, is sponsored by
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Newsletter of the European Society of Pathology

Dear Colleagues,

We are very pleased to convey to you the second issue of our ESP Newsletter. This issue begins with the Presidential address of Prof. Dr. Manuel Sobrinho Simões.

Then we present the European Society of Pathology Statement on “Minimal Requirements for a Pathology Laboratory”, which has been submitted by three members of the Executive Committee. Furthermore, announcements of the newly formulated Working Groups, as well as forthcoming seminars and other tutorial activities of ESP are displayed.

Do not hesitate to provide us with material on the activities of your department and even share with us, through *Europath News*, your problems. Last but not least, remember that we must increase the number of ESP members; this matter is vital for

the continuity of our Society. You can easily use the application form for membership, which is included in each issue of the *Europath News* and influence the young staff in your department to join us.

With warmest thanks and regards,
The Editors



Prof. Niki J. Agnantis



Prof. Sir Colin Berry

European Society of Pathology Statement on Minimal Requirements for a Pathology Laboratory. Discussion paper for the European Society of Pathology Executive Committee, Kiel, Saturday, 13 February 1999, Amended on Thursday, 16 September 1999

Roderick Simpson, Mia Marichal, Stefania Uccini

Introduction

This statement applies to an anatomical/histopathology laboratory which provides a diagnostic service for the examination of tissues and cells from a patient obtained by biopsy, surgical resection, FNA (or similar procedures) or autopsy.

These are minimal requirements and are intended as a general statement for reference, in particular for countries outside of the EEC/EU. They are not intended to override any recommendations or regulations produced by the EA (European Cooperation for Accreditation), which we understand is in the process of preparing guidelines for medical lab-

oratories. Similarly, these statements constitute basic recommendations and are not intended to replace any health and safety legislation or requirements of a higher standard already in existence in individual countries or jurisdictions.

Head of service [1]

The head of the service must be a medically qualified consultant/specialist and anatomical/histopathologist who has completed an approved course of training. He/she will report to the respective institutional manager for the service provided and in many cases will be financially re-

sponsible for the budget. The day-to-day technical aspects of the service will normally be delegated to a senior biomedical scientist (medical technologist), with whom the head of service should discuss all relevant matters affecting the laboratory.

Specific responsibilities of the head of service include:

- *Safety.* It must be ensured that the service is carried out without endangering the health of patients, staff and the general public. This is particularly important in the post-mortem room. This is an absolute requirement, and the head of service is responsible for ensuring that adequate provision for safety is made before any activity is carried out. It may be necessary for the head of histopathology to make this clear to clinical colleagues and the management, and under certain circumstances refuse to do what is asked until proper safety facilities or arrangements have been made available. An example of this could be certain types of hazardous (i.e. high risk of infection) autopsy.
- *Quality assurance.* The head of service is responsible for the maintenance of standards in all aspects of work, including tasks such as specimen identification. It is strongly advised that each department have up-to-date protocols or standard operating procedures detailing all laboratory procedures. Such documents should be readily available to all staff, and any changes dated and initialled by senior staff. There should be a built-in mechanism for regular review.
- *Clinical and medical audit.* This involves evaluating what is being done and aiming to do it better. The head of service must ensure that audits are being done at the appropriate level, and that the results are acted upon.
- Useful audit guidelines have been published by the British Royal College of Pathologists [2].
- *Training and continuing professional development (CPD).* The head of service is responsible for

ensuring that all grades of staff receive appropriate in-service and professional training. Easy access to books and journals is essential. All staff, but especially medical and professional staff, need to attend seminars and courses, and time and some funding should be made available for this. Useful guidelines for CPD have been published by the British Royal College of Pathologists [3].

- *Administration.* In addition to administration at a departmental level, the head of service should play a major part in planning at a hospital, at the local or regional level, particularly when decisions affecting the laboratory service are to be made. As managers do not always have a proper understanding of the nature of histopathology and the work involved, the head of service must ensure that the role of histopathology in diagnosis (and also clinicopathological correlation and clinical decision making), teaching and audit is widely recognized, and that adequate facilities are made available to allow the service to meet the requirements placed upon it. For example, if surgeons wish to have a frozen section service, then the head of histopathology must make clear that funding for a cryostat, for example, may be necessary. In addition, it is important to ensure that the histopathological consequences of any planned hospital changes, new clinical appointments or developments are recognized and allowed for and that sufficient money is provided. The head of service must make clear to clinical colleagues and management that histopathology can only provide the service required of it, if it is properly funded.

Staffing

All members of staff should be appropriately qualified, with written contracts and job descriptions (each person should have a copy of their own contract and job description)

and should clearly understand to whom they report in the clinical and managerial aspects of their work.

The British RCPATH states "... some cases of poor staffing are not addressed until the standard of service of the department and/or the standard of professional practice of its consultants are called into question because a high error rate has been discovered" [4]. Low levels of staffing should be corrected before this happens, as it is well acknowledged that high workloads in themselves can cause stress to all staff members and lead to mistakes.

Cytology staffing at all levels depends on whether a cervical cancer screening programme is in operation.

Medical staff¹

The figures of 4000 surgical specimens per annum (i.e. case/patient requests and not just specimen pots) per w.t.e. (whole time equivalent) pathologist in a non-teaching hospital and 2000 per academic pathologist are still considered to be realistic by the British RCPATH [5]. The non-teaching hospital figures will need to be reduced in units that are regional cancer centres and in those with a higher than average number of complex cases (e.g. renal biopsies, lymphomas), and the academic figure may need to be modified in larger departments where a considerable degree of subspecialization has been implemented. However, these numbers are at best very approximate. The figures would also need substantially to be reduced if the pathologists had other substantial duties such as cytology, autopsies or teaching/training. In Italy an attempt has been made to grade cases by degree of complexity, which may lead to a better system of recommended workload figures. There, the figures in teaching hospitals are considered to be a third of what is recommended for a non-teaching hospitals [6].

Comparable numbers for a w.t.e. pathologist (i.e. doing nothing else)

¹ It is important to note that laboratories and caseloads vary greatly, and therefore these figures are only approximate

in cytopathology are 3000 diagnostic specimens (i.e. FNA, fluids, bronchial brushings) in addition to a proportion of a cervical screening programme (ca. 15% of 25,000 slides to be checked by a pathologist). The number of autopsies per w.t.e. pathologist (i.e. doing nothing else) is 600 in a non-teaching hospital and 300 in an academic department.

These figures do not apply to departments of neuropathology or those with a large forensic/medicolegal workload.

The ultimate test of whether staffing levels are adequate is whether consultants have sufficient time to deliver a high quality service, including the monitoring of its reliability by participation in audit and quality assurance schemes and to participate in enough educational activities to maintain their own professional development.

Technical staff

The number of experts and level of expertise are difficult to prescribe for any particular country. Perhaps biomedical scientific (technological) societies could give advice, using guidelines: in the UK, for example, there are WELCAN units of laboratory activity to help estimate numbers of staff needed. An approximate figure (in an average non-teaching hospital with an average case mix) is two trained medical technologists (also known as biomedical scientists) per 4000 surgical specimens, plus one MLA (medical laboratory assistant).² Similarly, societies of mortuary technicians could give advice on necessary staffing levels per numbers of autopsies.

Other staff

Some simpler tasks, such as assisting at surgical cut-up, can be taken over by MLAs (medical laboratory assistants).

² That is, technicians without formal scientific training. However, unqualified staff must be supervised by an appropriately qualified member of staff

Secretarial staff at the rate of approximately one per consultant/specialist is ideal.

Adequate provision should be made for laboratory cleaning and maintenance.

Rooms and space (See Appendix 1 for recommended areas) [7]

Histopathology

- Laboratory for processing and cutting sections. The size should be determined by number of people working and quantity of work.
- A separate area for staining slides, either manually or by machine.
- A separate area for applying coverslips to slides.
- A separate room or dedicated area with adequate ventilation/fume extraction for macroscopic examination of formalin-fixed specimens.
- An area (possibly in the same room as that for macroscopic examination) for specimen reception.
- A quiet environment to examine microscopic specimens and dictate reports is essential. An office per pathologist is desirable, but cannot always be achieved.
- An office for the biomedical scientist (medical technologist) in charge of the technical aspects.
- Adequate ventilated space for storage of wet specimens for periods of at least a month.
- Adequate space for storage of tissue blocks and slides. Much will depend on how long tissue should be kept; ideally, this should be forever, as it is often necessary to refer back to tissue of long ago, for example to assess whether a new tumour is a metastasis or a second primary. In many countries there is a legal requirement to keep tissue; furthermore, pathology archives constitute a unique record for future research. Ideally, this should be temperature and humidity controlled.
- Chemical store for materials used in processing and staining.

- Space to store flammable and dangerous substances.
- Adequate space for storage of request forms and/or reports.

Optional features

- An area for a cryostat (necessary if a frozen section service is to be provided)
- A separate area for immunohistochemical staining
- Teaching room with multiheaded microscope/Closed circuit TV for discussion with trainees and clinicians

Cytology

- The requirements will depend on whether a screening programme is in operation.
- A separate room should be available for laboratory preparation of slides, but it can be done in part of the main surgical laboratory, provided there is enough space.
- A quiet room for screeners/cytotechnologists.
- In a laboratory of a certain size (to be determined), an office for the cytotechnologist in charge.

Autopsy and mortuary service

- A dedicated, well-ventilated room for post-mortem examinations. This should include a viewing area so that findings can be demonstrated to clinicians or other interested parties, such as coroner's officers/policemen/defence representatives acting for someone accused of unlawful killing (if medicolegal autopsies are performed).
- A separate changing room with shower and washing facilities.
- An office for necessary paperwork and preparation of reports.
- A separate room for viewing bodies, and ideally a separate rest room for grieving relatives.
- Adequate cold storage of bodies. The exact size will vary, but should be large enough to cope with all requirements (including

long weekends) short of a major disaster (for which a special plan should be in place after discussion with civil and, if necessary military, authorities).

- Adequate space for storage of tissue and slides for histology.

Equipment

All costs for equipment should include maintenance, repair and possible replacement.

Histology

- Cut-up area with fume extraction system (see above)
- Safety cabinet with appropriate equipment for safe handling of hazardous fresh specimens (e.g. tuberculosis-infected biopsies)
- Shelves for specimen storage
- Ready access to a sink with cold (and preferably hot) water
- Box of instruments, including scissors, scalpel with disposable blades, long knife, forceps, and measuring ruler
- Balance
- There should be adequate and uncluttered bench space and space for the safe use of equipment in accordance with the manufacturer's recommendations
- Tissue processor
- Adequate numbers of microtomes
- Thermostatic oven with two compartments at different temperatures (45°C and 56°C) for paraffin fusion
- Thermostatic flotation bath
- Tissue-embedding system
- Staining equipment for HE and special stains
- Refrigerator with freeze compartment
- Facilities to make up solutions
- A hood to work with toxic products
- Waste system for toxic products (as per local regulations)
- System to discard macroscopic specimens after reporting, e.g. special containers
- Slide trays
- A good quality binocular microscope for each pathologist

- Word processing/typing and general secretarial facilities for producing reports
- Adequate numbers of telephones (also likely to need computer links)

Optional

- Cryostat (see comments above)
- Tissue drying oven

Photographic equipment

- pH meter
- Stirrer
- Multi-headed microscope for teaching
- Freezer for keeping tissue at -80°C
- Liquid nitrogen container

Cytology

Some equipment can be shared with histology (see above lists).

- Microscopes for screeners and cytotechnologists
- Microcentrifuge

Optional

- Cytocentrifuge

Autopsy and mortuary service

- Good air supply and extraction system with filters
- Dissection tables (either porcelain or stainless steel) with adequate flow of water
- Adequate lighting
- Floor covered by easy to clean surface and with good drainage
- Instruments (e.g. scalpels, long knives, forceps)
- Power saw (with dust extractor for high risk cases)
- Balance for weighing of organs
- Specimen containers for further investigation, e.g. blood tests, formalin pots for histology, and microbiology swabs
- Adequate supply of proper protective clothing, including aprons,

gloves (possibly some with added protection, e.g. chainmail or Kevlar), masks and eye protection

- Mops, buckets, cleaning and disinfection solutions
- Refrigerators for bodies
- Office and washing/shower equipment for dedicated rooms (see above)
- Adequate records for bodies and autopsies
- Trolley

Miscellaneous requirements

Books and journals

Much will depend on individual circumstances, but an absolute minimum in surgical pathology would be an up-to-date large standard work such as *Ackerman's Surgical Pathology* or similar textbooks, and at least one journal such as *Virchows Archiv*.

Optional

- AFIP Tumor fascicles, organ specific specialist textbooks
- Wider range of journals to include, for example *American Journal of Surgical Pathology*, *Histopathology*, *Human Pathology*, *Pathology Research and Practice*, *Cytopathology*, *Acta Cytologica*, etc.

Study and conference leave

Allowance must be made for pathologists (in particular) to attend courses to keep up to date with recent developments.

Annual leave

Adequate provision must be made for staff annual leave and also to allow their work to be covered.

Acknowledgements We are most grateful for advice and helpful comments from the officers and executive committee of the European Society of Pathology, the Histopathology subcommittee of the Association of Clinical Pathologists and many other colleagues (medical and technical) throughout Europe.

Appendix 1

Recommended space for an "average" district³ general hospital pathology laboratory (15,000 to 20,000 surgical pathology specimens per year, in addition to cytology)

Activity space	Area (m ²)
General laboratory area (space for 3 microtomes)	41.5
Special histopathology laboratory (staining, etc)	13
Specimen cut-up, processing and storage	38.5
Cytopathology processing	23.5
Cytotechnologist screening (6 microscope positions)	26.5
Laboratory office	22.5
Medical offices (×3, each 11.5 m ²)	34.5
Secretarial office	8
Chemical store and preparation	13
Slide and block store	7.5
Laboratory store	7.5
Total	236
Additional area for corridors, staff rooms, facilities, etc.	85
Total departmental area	321

³ A British Health District serves a community of approximately 100,000 to 500,000 people. *British National Health Service Estates – Health Building Note 15*

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Announcements of the newly formulated working groups of ESP

Working group of endocrine pathology

Gianni Bussolati

The European Group of Endocrine Pathology (E.G.E.P.) was organized in 1997 under the auspices of the European Society of Pathology, with the aim of making the scientific interchange between pathologists interested in understanding the origin, significance and evolution of lesions of endocrine cells and tissues more rewarding and stimulating. A higher reproducibility of the diagnostic classification of endocrine tumors and identification of novel pathological entities are a corollary. At present, Prof. Gianni Bussolati is coordinator of this group. In order to speed up the circulation of information and projects an internet site has been established at <http://www.pinali.unipd.it/ecep/>. The list of members and further informations on this group, as well as future activities and meetings can be obtained at the Internet site.

Working group on head and neck pathology

Antonio Cardesa

The idea of establishing a group working on the field of head and neck pathology was proposed to the ESP in 1993 in connection with the congress in Innsbruck. The ESP Working Group on Head and Neck Pathology had its first meeting in Copenhagen on 13–14 May 1994. The meeting was attended by 14 pathologists from 11 European countries. These were Drs Bang (Norway), Brocheriou (France), Cardesa (Spain), Eveson (UK), Fonseca (Portugal), Gale (Slovenia), Hamilton-Therkildsen (Denmark), Hellquist (Sweden), Michaels (U.K.), Pfalz (Switzerland), Seifert (Germany), Simpson (U.K.), Slootweg (The Netherlands) and Soares (Portugal).

Since then, the working group has served the ESP by organizing activities at the Congresses in Copenhagen (1995), Maastricht (1997), and Barcelona (1999). At this last congress

the group was responsible for dealing with different specific subjects through the organization of a symposium, a short course, and a slide seminar, presenting in addition 50 free paper presentations (15 oral and 35 posters).

Furthermore, the working group has stimulated and supported activities on head and neck pathology in different European countries, by helping several national societies with their own activities. Members of the group have participated as invited lecturers at meetings held in the Czech Republic, France, Norway, Portugal, Spain, and the United Kingdom, among other countries. The group also helped organize the Course on Head and Neck Pathology of the European School of Pathology in Torino, Italy, in 1995, by providing the course leaders and speakers. Also, young pathologists from various European countries have been trained at the laboratories of different members of the group. Common research projects among European pathologists have been stimulated by the group, resulting in various joint publications, such as the "Criteria for grading in the Ljubljana classification of epithelial hyperplastic laryngeal lesions" *Histopathology* 1999, 34:226–233.

In May 2000 a session will be presented by members of the group in the First Intercontinental Congress of Pathology in Madeira. Also in May 2000, the group will participate in a 2-day-long course on salivary gland pathology organized in Greece by the University of Ioannina. The group will also be represented at the 31st International Meeting on Epithelial Tumours of the Head and Neck Region, to be held in Ljubljana, Slovenia, in December 2000, as well as at the 18th European Congress of Pathology, Berlin 2001 and the Intercongress Meeting of the ESP, Torino 2002.

The main long-term goals of the group aim to increase the collaboration between European pathologists interested in this field and to improve practice, teaching, and research, in order to achieve excellence.

From the 14 founding members who attended the first meeting 6 years ago, the group has now increased its membership to 44 pathologists from 18 different countries. It is rewarding to see how the group is developing and the activities are increasing. Those pathologists interested in joining us should contact either Antonio Cardesa (Chairman) or Henrik Hellquist (Secretary).

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Working group of uropathology

Gregor Mikuz

In recent decades clinical urology has made enormous strides not only in diagnostic and surgical technique but also in more theoretical fields such as urologic endocrinology and oncology. This progress is also based also on the scientific work of numerous pathologists, who support clinical urology today both through their daily routine work as well as through research programmes. Current therapies for testicular, bladder, and prostate cancer are based on morphological insights and research work done by pathologists. For this reason a "uropathology working group" under the auspices of the European Society of Pathology has been established.

The main aims of this working group are:

- To support research work in uropathology in all European countries
- To organise symposia, slide seminars and courses during the congresses of the ESP as well as in the years in-between the congresses

- To organise post-graduate courses for young residents as well as for specialists
- To establish and support contacts among all European pathologists working in this field and to keep up contact with EORTC- groups.

The members of the uropathology working group should, of course, also be members of the ESP and should observe the by-laws of this society.

During the ESP Congress in Barcelona, a business-meeting of the uropathology working group provided an opportunity to all colleagues interested in working in this group to discuss goals and future activities. After a very interesting and stimulating discussion the officers were elected.

In accordance with a suggestion of the executive committee of the ESP and in agreement with the group concerned (represented by Prof. Mihatsch) the uropathology working group will also include the official activities of the nephropathologists (non neoplastic kidney)

The first "official" activity of the UWG was the seminar on prostate pathology held in the context of the Ioannina Courses in Pathology organised by Prof. Niki Agnantis. The next meeting will be held in Madeira.

Any and all colleagues who wish to be placed on the mailing list should contact the secretary.

Addresses of the UWG-officers:

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Working group of pulmonary and pleural pathology

Helmut Popper

In Barcelona a working group of pulmonary and pleural pathology has been founded. The session was attended by approximately 30 pathologists from different European countries. Different problems were discussed as outlined below. These were already in detail communicated by mails to people interested in pulmonary and pleural pathology.

1. Present situation of pulmonary pathologists in Europe
2. Report of activities since the Pulmonary Pathology meeting in Madrid

3. Upcoming activities of the PPS (Pulmonary Pathology Society) with respect to European members
4. Activities of the working group and associations with other societies
5. Collaborations amongst us
6. Journal
 1. Coordinators
 2. Miscellaneous

After a discussion, it was decided to form the working group within the ESP.

For better communication with already existing national groups, and since we did not have formal, invited elections, a coordinating committee was chosen. This committee will act until the Berlin Congress, where we will call for formal elections.

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In the meanwhile the European Society on Pulmonary Pathology founded by Prof. Kayser and others in Madrid 1998 has merged with the working group.

At the moment circular no 3 is being prepared, which will serve to help choose update lectures, seminars and slide courses for the Berlin Congress and select the speakers. We are planning a pre-congress meeting on Saturday (before the opening ceremony), which will focus on new research in tumour- and non-tumour pulmonary pathology.

The next meeting of the working group will be at the Berlin Congress of the ESP, 8 September 2001. To become a member of the working group, just write to my address, giving your name, address, fax, email.

The upcoming activities will focus on collaborations among pulmonary pathologists in Europe. A detailed outline will be communicated in the next ESP newsletter and in the *Journal of Pulmonary Pathology*.

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Ioannina University Courses in Pathology (IUCP)
Salivary Glands Pathology-Oncology, Ioannina, 18–20 May 2000
(Preliminary Programme First Draft)

Thursday, 18 May 2000

17.00–18.00	Registrations (Dept. of Pathology)
18.00–18.30	Welcome Addresses
18.30–19.00	Opening Lecture: The role of preoperative biopsy in diagnosis and classification of salivary gland tumours: a challenge for cooperation with the clinician, Prof. A. Cardesa (E)
19.00–19.30	Epidemiology of salivary gland tumours, Assoc. Prof. J. Ioannidis (GR)
19.30–20.00	Imaging techniques, Dr. M. Petropoulou (GR)
20.00–20.30	Histology of the normal salivary glands, Assoc. Prof. P. Kanavaros (GR)
20.30–21.00	Discussion
22.00	◆ Get together cocktail

Friday, 19 May 2000

09.00–10.00	Slide seminar A: Lymphoid proliferations, Assoc. Prof. P. Kanavaros (GR), Ass. Prof. M. Bai (GR)
10.00–10.30	◆ Coffee Break
10.30–11.30	Discussion of slide seminar A, Assoc. Prof. P. Kanavaros (GR), Ass. Prof. M. Bai (GR)
11.30–12.15	Non neoplastic, inflammatory and tumour-like lesions, Prof. P. Slootweg (NL)
12.15–13.00	Benign and malignant lymphoid proliferations, Prof. R.H.W. Simpson (UK)
13.00–13.30	Histogenesis and classification of salivary gland tumours, Prof. A. Cardesa (E)
13.30–14.00	Discussion
14.00–15.30	◆ Lunch
15.30–16.30	Slide seminar B: Pitfalls in salivary gland pathology, Prof. R.H.W. Simpson (UK), Prof. H.B. Hellquist (N), Prof. P. Slootweg (NL), Prof. A. Cardesa (E)
16.30–17.00	◆ Coffee Break
17.00–18.00	Molecular biology and immunohistochemistry, Prof. H.B. Hellquist (N)
18.00–18.45	Pleomorphic adenoma, myoepithelioma and the development of malignancy in these tumours, Prof. P. Slootweg (NL)
18.45–19.00	Discussion
21.30	◆ Dinner

Saturday, 20 May 2000

09.00–09.30	Other adenomas –basal cell adenomas, Warthin, oncocytic lesions, Prof. R.H.W. Simpson (UK)
09.30–10.00	Acinic cell carcinoma, Prof. H.B. Hellquist (N)
10.00–10.15	Discussion
10.15–10.45	◆ Coffee Break
10.45–11.15	Mucoepidermoid carcinoma, Prof. H.B. Hellquist (N)
11.15–11.45	Adenoid cystic carcinoma and PLGA, Prof. P. Slootweg (NL)
11.45–12.15	Epithelial-myoepithelial and clear cell carcinomas, Prof. R.H.W. Simpson (UK)
12.15–13.00	Other carcinomas, Prof. H.B. Hellquist (N)
13.00–13.30	Discussion
13.30–15.30	◆ Lunch
15.30–16.30	Discussion of slide seminar B, Prof. R.H.W. Simpson (U.K.), Prof. H.B. Hellquist (N), Prof. P. Slootweg (NL), Prof. A. Cardesa (E)
16.30–17.00	◆ Coffee Break
17.00–17.45	Surgical management, Dr. C. Vlastou (GR)
17.45–18.15	Therapeutic approaches, Dr. Chr. Tolis (GR)
18.15–18.30	Discussion
18.30–19.00	Examination in salivary glands pathology
19.00–19.30	Discussion and general conclusions
	END OF THE COURSE
21.30	◆ Farewell Dinner

Director-Coordinator:
Prof. Niki J. Agnantis

Registration fees:

EURO: 400 (200 for residents) Accommodation and full-board are included
 Account number in EURO: 359/61930-96,
 National Bank of Greece, Ioannina, Greece.

Correspondence:

Prof. Niki J. Agnantis, M.D.,
 Institute of Pathology, University of Ioannina,
 Medical School, University Campus,
 45110 Ioannina, Greece
 Tel. +30651-97520, Fax: +30651-46209

Ioannina University Courses in Pathology (IUCP)
Thyroid Pathology-Oncology, Ioannina, 22–24 May 2000
(Preliminary Programme First Draft)

Monday, 22 May 2000

09.30–10.30	Registration
10.30–12.00	Slide seminar A: Problematic thyroid cases, Assoc. Prof. C. Scopa (GR)
12.00–12.30	◆ Coffee Break
12.30–14.00	Slide seminar B: Problematic thyroid cases, Dr. P. Viacava (I), Dr. A.G. Naccarato (I)
14.00–15.00	◆ Lunch
18.00–18.30	Opening ceremony: Welcome Addresses
18.30–19.00	Opening lecture: Nodular and diffuse palpable thyroid lesions: a challenge for cooperation with the pathologist, Assoc. Prof. Ag. Tsatsoulis (GR)
19.00–19.30	Histology-function of the normal thyroid gland, Assoc. Prof. P. Kanavaros (GR)
19.30–20.00	Epidemiology of thyroid diseases and carcinomas, Assoc. Prof. A. Linou (GR)
20.00–20.45	Imaging techniques (US*,ST**), *Assoc. Prof. C. Tsampoulas (GR), **Lecturer A. Fotopoulos (GR)
21.30	Award prizes to the best medical students in pathology
22.00	◆ Get together cocktail

Tuesday, 23 May 2000

09.00–09.30	Autoimmune thyroid disease, Assoc. Prof. Sof. Tseleni (GR)
09.30–10.15	Nodular goitre and adenomas, Prof. M. Sobrinho Simões (P)
10.15–10.30	Discussion
10.30–11.00	◆ Coffee Break
11.00–12.00	Discussion of slide seminar A, Assoc. Prof. C. Scopa (GR)
12.00–12.30	Thyroid neoplasia: general classification, Assoc. Prof. C. Scopa (GR)
12.30–13.00	Papillary thyroid carcinoma, Ass. Prof. Hel. Karvouni (GR)
13.00–13.15	Discussion
13.15–14.15	Discussion of slide seminar B, Prof. Gen. Bevilacqua (I)
14.15–15.45	◆ Lunch
15.45–16.15	Follicular tumours, Prof. J.M. Cameselle-Teijeiro (E)
16.15–16.45	Hürthle cell tumours, Prof. X. Matias-Guiu (E)
16.45–17.00	Discussion
17.00–17.30	◆ Coffee Break

17.30–18.00	Poorly differentiated and undifferentiated carcinomas, Prof. J.M. Cameselle-Teijeiro (E)
18.00–18.45	Medullary carcinoma, Prof. X. Matias-Guiu (E)
18.45–19.00	Discussion
21.30	◆ Dinner

Wednesday, 24 May 2000

9.00–10.30	Slide seminar C: FNA of thyroid lesions, Prof. Hel. Deligeorgis (GR)
10.30–11.00	◆ Coffee Break
11.00–11.30	Prognostic factors of differentiated carcinomas, Prof. M. Sobrinho Simões (P)
11.30–11.45	Discussion
11.45–12.15	Genetic markers in thyroid cancer, Assoc. Prof. M. Alevizaki (GR)
12.15–12.30	Discussion
12.30–13.15	Surgical management of thyroid tumours, Assoc. Prof. D. Linos (GR)
13.15–14.00	Therapeutic approaches of thyroid tumours, Assoc. Prof. Ag. Tsatsoulis (GR), Lecturer A. Fotopoulos (GR)
14.00–14.15	Discussion
14.15–16.00	◆ Lunch
16.00–16.30	FNA of thyroid lesions, Prof. Hel. Deligeorgis (GR)
16.30–16.45	Discussion
16.45–17.45	Discussion of slide seminar C, Prof. Hel. Deligeorgis (GR)
17.45–18.15	◆ Coffee Break
18.15–19.00	Pitfalls in thyroid pathology, Assoc. Prof. Sof. Tseleni (GR)
19.00–19.30	Examination in thyroid pathology
19.30–20.00	Discussion and general conclusions
	END OF THE COURSE
21.30	◆ Farewell Dinner

Director-Coordinator:
Prof. Niki J. Agnantis

Registration fees:

EURO: 400 (200 for residents) Accommodation and full-board are included

Account number in EURO: 359/61930-96,
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Prof. Niki J. Agnantis, M.D.,
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 Medical School, University Campus,
 45110 Ioannina, Greece
 Tel. +30651-97520, Fax: +30651-46209



EUROCELLPATH'2000

MOLECULAR MECHANISMS IN DEVELOPMENT AND TREATMENT OF CANCER

21 – 25 June 2000

The Montebello Centre, Lillehammer, Norway



PROGRAMME:

JUNE 21, WEDNESDAY:

17.00-18.00: Registration
18.00-18.15: Welcome
18.15-18.45: Cancer cell immortality. **F. Bosman, Lausanne**
18.45-19.15: Telomerase in cancer treatment. **P. Bedossa, Paris**
20.00 - Dinner

JUNE 22, THURSDAY:

Cancer development and progression:

08.30-09.15: Molecular biology of tumor progression. **J. Costa, Yale University**
09.15-10.00: Tumor cell adhesion. **Ulla Wewer, Copenhagen**
10.00-10.30: Break
10.30-11.15: E-Cadherin and catenins in development and treatment of cancer. **M. Mareel, Gent**
11.15-12.00: Molecular genetics of non-invasive versus invasive neoplasms in the pancreas. **G. Klöppel, J. Lüttke, S. Domm, Kiel**
12.00-12.45: Histogenesis of Hodgkins lymphoma. **Jan Delabie, Oslo**
12.45-14.30: Lunch

New tools in pathology:

14.30-15.00: Microarray systems. **G. Walter, Berlin**
15.00-15.30: Ultrasound microscopy. **J.A. Grimaud, Paris**
15.30-16.00: Laser scan cytometry. **R. Kunz, Oslo**
16.00-16.30: Break
16.30-17.15: Proteomics in breast tumors. **G. Auer, Stockholm**
17.50-18.30: Free presentations
20.00 - Dinner

JUNE 23, FRIDAY:

Stromal interaction in cancer progression:

09.00-09.45: What is mesoderm and what is its role in tumors? **I.Damjanov, Kansas City**
09.45-10.30: MMT's and TIMP's in cancer progression. **R. Reich, Jerusalem**
10.30-11.00: Break
11.00-11.45: Mechanisms of myofibroblast differentiation and action. **G. Gabbiani, Geneva**
11.45-12.45: Free presentations
12.45-14.30: Lunch
14.30-18.00: Sightseeing
18.00-19.00: Dinner
19.00-24.00: Midsummer evening festival, Maihaugen, Lillehammer

JUNE 24, SATURDAY:

Cancer therapy:

10.00-10.45: Tumor immunology and immune therapy. **J. Zeuthen, Copenhagen**
10.45-11.15: K-ras mutations and immunotherapy of colorectal carcinomas. **G. Gaudernack, Oslo**
11.15-11.45: Break
11.45-12.30: Gene therapy
12.30-14.30: Lunch
14.30-15.15: Photodynamic therapy. **Q.Peng, Oslo**
15.15-15.45: PDT of oesophagus carcinoma. **K.E. Giercksky, Oslo**
15.45-16.15: Break
Drug resistance:
16.15-17.15: Mechanisms in drug resistance (teleconference). **M. Dietel, Berlin**
17.15-18.00: Drug resistance in breast cancer treatment. **A-L. Børresen-Dale, Oslo**
20.00 - Conference dinner

JUNE 25, SUNDAY:

Evaluation of treatment response:

09.00-09.45: Is apoptosis useful for evaluation of cancer treatment? **N. Agnantis, Ioannina**
09.45-10.30: Monitoring treatment response. **G. Kvalheim, Oslo**
10.30-11.00: Break
11.00-11.30: The role of the surgical pathologist in evaluation of treatment response. **F. Carneiro, Porto**
11.30-11.45: Closing remarks

Scientific Committee:

Jahn M. Nesland, Pierre Bedossa, Jean Alexis Grimaud, Fatima Carneiro.

Local organizing committee:

Jahn M. Nesland, Wencke Danielsen, Elisabeth Emilsen, Raisa Gurvitsj.

On behalf of the scientific and organizing committee, I have the pleasure to welcome you to Norway in the region of Lillehammer, well known from the winter olympics.

We can offer you an appealing scientific programme, and a friendly atmosphere. The number of participants is limited to 100. The registration fee covers the syllabus, conference dinner, sightseeing, transportation from/to airport (busses available). Participants are invited to submit abstracts for free presentations.

Please ask for the application form* and register as soon as possible. More practical details will be provided after registration.

We look forward to seeing you in Norway.

Jahn M. Nesland*
Dept. of Pathology
The Norwegian Radium Hospital
Montebello, N-0310 Oslo, Norway
Tel: +47 22935620
Fax: +47 22730164
e-mail: J.M.Nesland@labmed.uio.no

**Postgraduate courses
in theoretical and diagnostic
histopathology – PCTDH –
(Part III)**

6–10 September 2000,
Venue: “St. Ioannis Theologos”
Monastery Congress Center,
Aetochori, Alexandroupolis, Greece

Topics:

Lymphomas, Kidneys, Lungs, Skin,
Autopsy and Placenta

Preliminary list of Faculty:

C. Berry (U.K.),
J. Underwood (U.K.),
M. Wells (U.K.), C. Baroni (I),
J. Vasiljevic (J), M. Sheaff (U.K.),
N.J. Agnantis (GR),
Th. Sivridis (GR), D. Stefanou (GR),
M. Bai (GR) and A. Giatromanolaki
(GR)

Directors and Coordinators:

**Assoc. Prof. Themis Sivridis (GR)
and Prof. Niki J. Agnantis (GR)**

Correspondence:

Assoc. Prof. Themis Sivridis,
MD, Ph.D,
Director of the Department
of Pathology,
Democritus University of Thrace,
Medical School, P.O. BOX 128,
Alexandroupolis, 68100 Greece
(Tel. and Fax: +0030551-37833)

**Important message to all ESP members who want to
send material for publication in the *Europath News*,
which will appear four times a year (February, May, Au-
gust, November) incorporated in *Virchows Archiv*: the
material should be sent to one of the editors 2 months
ahead of time by e-mail:**

C.L. Berry@mds.qmw.ac.uk or nagnanti@cc.uoi.gr

Slide seminar in the Internet

**Diagnostic histopathology cases presented at the Euro-
pean School of Pathology courses in Turin are going to
be shown via Internet.**

**You are kindly invited to visit the site at
<http://www.isi.it/pathology/index.htm>.**

ULTRAPATH X

The ultimate conference on diagnostic electron microscopy and immunohistochemistry. The Society for Ultrastructural Pathology will hold its biennial meeting in the historic and enchanting city of Florence, Italy, on 2–7 July 2000. The scientific program will emphasize the applications of electron microscopy, immunohistochemistry, and molecular methods in diagnostic pathology. As in years past, a variety of topics will be covered, and the Program Committee invites you to submit abstracts to be considered for platform or poster presentations. The meeting will be held in the four star Grand Hotel Baglioni in the historic center of Florence, only minutes away from major art galleries featuring one of the largest collection of art in the world.

Those wishing to contribute to the scientific program are urged to contact Dr. J. Allan Tucker (Program Committee Chair, JTucker@USAMAIL.USOUTHAL.EDU) or Prof. Marco Santucci (Local Organizing Committee Chair, Marco.Santucci@UNIFI.IT). No special form is required for submission of abstracts. You can use A4 paper and the length of your contribution should not exceed 4–5 typewritten pages. Please send Dr. J. Allan Tucker the abstract(s) (both in paper format and as a file in Word for Windows DOC or RTF format) at your earliest convenience. The deadline for submission of abstracts is the end of April 2000. The CSS Agency, Via G. Mazzini 70, 50132 Firenze, Tel. +39 055 2480202, Fax +39 055 2480246 (person to contact Ms. Susanna Casprini, CSS@CSS-CONGRESSI.IT) will take care of the Hotel reservation and meeting registration. The registration fee (covering all the scientific and social events, coffee breaks and 3 luncheons) is 590 EUROS.

For further information concerning the Society for Ultrastructural Pathology or UltraPath X, please feel free to contact Prof. Santucci or Dr. Tucker, or see <http://sup.ultrakohl.com/> or <http://sup.ultrakohl.com/ultrapath10/ultrapath10.htm>.

Society for Ultrastructural Pathology

ULTRAPATH X

The ultimate conference on diagnostic electron microscopy and immunohistochemistry



Preliminary Scientific Program (Only plenary sessions)

General Topics I	(Chairs: Baccio Baccetti and Katherine Chorneyko)
General Topics II	(Chairs: Ted F. Beals and Jahn M. Nesland)
Case Presentations I	(Chairs: Brian Eyden and J. Allan Tucker)
Case Presentations II	(Chairs: Ginette Lajoie-Starkell and Marco Santucci)
Soft Tissue and Bone	(Chairs: Ermanno Bonucci and Robert A. Erlandson)
Thoracic Pathology	(Chairs: Samuel P. Hammar, Douglas W. Henderson, and Victor L. Roggli)
Urinary Tract Pathology	(Chairs: Guillermo A. Herrera and Guido Monga)
Neuropathology	(Chairs: Lauren A. Langford and Bernd W. Scheithauer)
Pediatric Pathology	(Chairs: John Hicks and Gary W. Mierau)
Endocrine System Pathology	(Chairs: Ronald A. DeLellis and Enrico Solcia)
Advanced Techniques	(Chair: John D. Shelburne)
Basic Pathology	(Chairs: David N. Howell and Josep Lloreta Trull)
AIDS	(Chairs: Sara E. Miller and Jan M. Orenstein)

In addition, keynote lectures will be delivered by the following well renowned scientists: Feroze N. Ghadially, M.D., Ph.D., D.Sc. (London), Hon D.Sc. (Guelph), F.R.C. Path (England), F.R.C.P. (Canada); Gordon Klintworth, M.D.; and Prof. Baccio Baccetti.

A pleasant and friendly social program will be offered to all the meeting participants and their registered spouses, including the opening ceremony in the historical "Salone dei Cinquecento" in "Palazzo Vecchio" with the Inaugural Conference delivered by Dr. J. Rosai and the welcome reception in the Grand Hotel Baglioni, one afternoon tour in the Chianti area including dinner in a medieval castle, and the social dinner in a Florentine Villa.

Local Organizing Committee Chair:

Prof. Marco Santucci,
Dipartimento di Patologia Umana
ed Oncologia,
Università degli Studi di Firenze,
V.le G.B. Morgagni 85,
50134 Firenze, Italy
Telephone: +39-055-413756
Fax: +39-055-4379868
Email: Marco.Santucci@UNIFI.IT

Program Committee Chair:

J. Allan Tucker, M.D.,
Department of Pathology,
University of South Alabama,
2451 Fillingim Street, Mobile,
Alabama, 36617 U.S.A.
Telephone: 001-334-471-7799
Fax: 001-334-471-7884
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USOUTHAL.EDU



European School of Pathology

Ovarian pathology Gastro-intestinal pathology

Prof. J. Prat, Barcelona

Prof. K. Geboes, Leuven

September
21-28

Turin, Italy

2000 courses

AIM

Post-graduate residential course for young European pathologists, members of the European Society of Pathology, based on workshops, slide seminars and few lectures to update and standardize participants' diagnostic ability

FEE

- * Registration is 150 Euro per course (Two courses: 250 Euro).
- * Full board accommodation (to be paid upon departure) is 65 Euro/day/person.
- * A limited number of scholarships is also available upon request (residence+registration costs)

Note

By July, a letter will confirm or reject the application. Do not send money now, please.

DATES

Ovarian pathology
Prof. J. Prat, Barcelona
September 21-23
Gastro-intestinal Pathology
Prof. K. Geboes, Leuven
September 25-28

PLACE

Institute for Scientific Interchange
Villa Gualino,
V.le S. Severo 65,
Torino, Italy.
Phone Office
+39 0116603090
Phone Residence
+39 0116603555

PAST COURSES

1991 Liver & GI path (non neopl)
Ovarian pathology
Breast pathology
1992 Pulmonary pathology
Endocrine pathology
1993 Hematopathology
1994 Hematopathology
Uterine pathology
Breast pathology
1995 Quantitative pathology
Neuropathology
Head & neck pathology
1996 Urology
Dermatopathology (neopl)
1997 Tumors of liver & pancreas
Tumors of GI tract
1998 Soft tissue tumors
Breast pathology
1999 Lung pathology
Cytopathology

FUTURE COURSES

2001 Hematopathology
2002 Thyroid & parathyroid path.
Head & Neck pathology
2003 Pathology of the pancreas
Pathology of the liver

APPLY before May 30 to

European School of Pathology
c/o Dept Pathology, Univ Turin, Via Santena 7,
I-10126 Torino Italy
Phone +39 011 6706504 Fax +39 011 6635267
E-mail paotti@molinetto.unito.it



To EScOP

RE: Preliminary application

Surname:.....Name.....Sex.....

Date & place of birth.....Citizenship.....

Full address.....

Phone.....Fax.....E-mail.....

- ☐ member of ESP
- ☐ non member (I apply for 2000 ESP membership)
- ☐ application for 2 courses
- ☐ application for 1 course
- ☐ Sept 21 - 23
- ☐ Sept 25 - 28
- ☐ I shall attend the course only if a scholarship is available
- ☐ I enclose a brief curriculum vitae stating my experience in pathology

Date.....

Signature.....

European Society of Pathology

18th
**European
Congress
of Pathology**



2001

Berlin · Germany

September 9 – 14 · 2001

Local Organizer

Prof. M. Dietel
Institute of Pathology
University Hospital Charité
Humboldt-University Berlin
Schumannstr. 20–21
D-10117 Berlin

Phone ++49 (0)30 - 28 02-31 58
Fax ++49 (0)30 - 28 02-34 07
e-Mail manfred.dietel@charite.de
Web www.charite.de

Congress Organisation

CTW - Congress Organisation
Thomas Wiese GmbH
Goßlerstr. 30
D-12161 Berlin

Phone ++49 (0)30 - 85 99 62-0
Fax ++49 (0)30 - 85 07 98 26
e-Mail thomas.wiese@ctw-congress.de
Web www.ctw-congress.de



Charité

Humboldt-University Berlin
Institute of Pathology





8th Meeting of the International Pituitary Pathology Club

October 5 - 9, 2001

**Conference Venue: European Cultural Center of
Delphi, Greece**

Dear colleagues:

I am pleased to invite you to the first International Pituitary Pathology Club Meeting of the new Millennium. In this multidisciplinary meeting pathologists, endocrinologists, neurosurgeons and basic science researchers from all over the world will get together and exchange ideas in a friendly atmosphere. Delphi will be the center of the world, as it was in the ancient era. It will be a great chance to come and enjoy a scientific congregation in the sanctuary of the god Apollo, the most famous oracle in the world.

I look forward to greeting you in Delphi.

George Kontogeorgos M.D.

If you would like to be kept up to date, please fill in the following form and send it to: George Kontogeorgos M.D., Department of Pathology, G.Gennimatas Athens General Hospital, 154 Messogion Avenue, 115 27, Athens, Greece, e-mail: gkonto@cc.uoa.gr

Last Name:	First Name:	Title:	
.....	
Institution:			
Street/No:	City:	ZIP:	State:
Country:	Tel:	Fax:	e-mail:

Dear Colleague,

May 2000

It will surely not have escaped your attention that *Virchows Archiv* is now the Official Journal of the European Society of Pathology. But do you realise what benefits membership of the Society offers you?

- A subscription to the journal *Virchows Archiv* – this is automatically sent to every member every month.
- Access to the journal online within LINK (take a look at <http://link.springer.de>). If you are already a member of ESP but have not yet registered for your free electronic access, you will find the necessary form to complete online here too.
- A discount of 20% on most titles published by Springer. To take advantage of this, simply send your order directly to the publisher, with details of your membership.
- Reduced registration fees for participation at the European Congresses of Pathology (reductions of 70 EUROS for pathologists, and 200-250 EUROS for residents and young pathologists).
- Reduced registration fees for participation at the Intercongress Meetings of the ESP especially devoted to the Working Groups of the Society (reductions of 70 EUROS for pathologists, and 220-270 EUROS for residents and young pathologists).
- Priority in the registration for the annual courses of the European School of Pathology in Turin and Warsaw (with grants or special fees for residents and young pathologists).
- Priority in the registration for the annual courses of the EUROCELLPATH (with grants or special fees for residents and young pathologists).
- Participation in the activities of the Working Groups of the ESP.
- Possibility of applying to exchange grants.

If you are not yet a member and the content of this letter appeals to you and you feel attracted by a Society with great expectations for the future, we invite you to complete and return the enclosed application form to the treasurer of the ESP.

Membership fee for 2000: 88.50 EUR.

Yours sincerely



M. Sobrinho Simões
President
European Society of Pathology



U. van Haelst
Treasurer
European Society of Pathology



G. Klöppel
Managing Editor
Virchows Archiv



Application for Membership of the
EUROPEAN SOCIETY OF PATHOLOGY (E.S.P.)

Please, type or use block letters to fill in this form!

FAMILY NAME:

First Name(s):

Male ☐

Female ☐

Place and date of birth:

Title/Present Position: Prof. ☐ Dr. ☐ Resident ☐

Other :

Private address:

Street:

City:

Postcode/zip:

State/Country:

INSTITUTE / OFFICE ADDRESS:

(This address will be used for subsequent correspondence and listing in Membership Directory)

Name Institute:

Department:

Street:

City:

Postcode/zip:

State/Country:

Tel. (+ ext):

Telefax:

E-mail:

APPLICATION SPONSORED BY (2 members of E.S.P.):

1. Name:

Institute:

2. Name:

Institute:

FIELDS OF INTEREST:

Signature of Applicant:Date:.....

Please mail or fax the completed application form to:

OFFICE OF THE TREASURER, Prof. Dr. U. VAN HAELST
Institute of Pathology, UMC St. Radboud
P.O.B. 9101, NL – 6500 HB Nijmegen, The Netherlands
Tel/Fax: xx 31. 24. 323 1950
E-mail <hael.cham@net.HCC.nl>

Your acceptance as a member of E.S.P. will be confirmed in due time.

In the fee for membership (**88,50 EUR**) the official journal of the ESP “Virchows Archiv” is included.