In this issue the IAC look to the future. Together with Hong Kong Cytology Society working on the organization of a comprehensive cytology tutorial creating a new and modern format for future events. Spearheading the event are Dr. David C. Wilbur of the Harvard Medical School in Boston, USA and Dr. Ui-Soon Khoo of Queen Mary Hospital, Hong Kong together with Dr. Ritu Nayar, Northwestern University, Chicago, USA and Dr. Yue Cheng of the Pamela Youde Nethersole Eastern Hospital, Hong Kong.

Over four days an international faculty will offer their experience and material to cover a comprehensive review and update of the current state-of-the art gynecologic and non-gynecologic cytology.

The conference format will be both lecture and glass-slide based video-microscopy sessions. Time will be allotted for questions and discussion.

The sessions will cover basic cytomorphology of various body sites and illustrate up-to-date studies to enable advanced diagnosis, prognosis and therapeutic decision making as well as discussion on basic HPV biology, HPV vaccines and their future in cervical cancer screening. A CD of the syllabus materials is also available.

One exciting element is the Pre- and Posttest of 40 unknown cases. After registration each participant is sent an e-mail with a hyperlink to a reserved IAC webpage. This page contains further information and a test of 40 unknown cases. These pretest cases will be discussed and exemplified during the meeting. Afterwards the correct answers as well as a posttest will be available with further discussion and reading recommendations.

For further information on price, location and more visit the IAC website: www.cytology-iac.org/hong-kong-tutorial-2012

Join us in exciting Hong Kong.
Looking back I can see that my life and work has been determined by the place where I was born, Pamplona, in the north of Spain, and by my family. My father was a doctor, and my memories of him at work began with his struggling - he was a real fighter - to help people in a poverty-stricken Spain in the wake of the Civil War. Throughout my professional life I have tried to follow his example in many ways.

My life in medicine started when I was 17, at the University of Navarre in my home town. This was 1967, times when women were just beginning to go to university in Spain. Three years into the degree I met Dr Girón, who chose the field of cytology for me, and in retrospect I think his advice demonstrated great foresight. During the rest of my studies, Dr Girón let me attend the gynaecology department of the Clínica Universitaria, and it was here that I first came into contact with cytology. Following this interest, I became a resident in obstetrics and gynaecology, which at the time was the main area in which cytology was done. No sooner had I qualified than I decided to continue as a resident in pathology in order to acquire the knowledge I felt I needed to be a proper cyto-pathologist. In the afternoons, I submerged myself, for five years, in the dark room of an electron microscope, studying endometrial cells for my doctoral thesis, directed by Dr Vazquez.

Then came a period of travel and visits: I was in Madrid, Paris and Quebec. It was in Quebec that I met Dr. Alexander Meisels. And in the subzero winter months in Canada I prepared for the IAC exam, which I took in Munich in 1980. At that time, the Navarre health service wanted to improve the existing opportunistic screening for cervical cancer by establishing a controlled epidemiological program. I got the job, and thus began a period of my life in which I was intensely focussed on gynaecological cytology. Three years later, I became involved with non-gynaecological cytologies, in the pathology service at the Hospital de Navarra under Dr J.M. Martínez-Peñuela, an open-minded but supportive head of department. Here, after training by Dr Löwhagen in Stockholm, I introduced FNA, getting unbeatable collaboration with clinicians and radiologists for deep organs.

In the ’80s, I received a proposal from the IARC to investigate the relationship between HPV and cervical cancer, as part of a project directed by Nubia Muñoz. It was such an interesting prospect that I jumped at the opportunity and was able to benefit from the experience of studying thousands of case-control cytologies and biopsies from all over the world. The project also brought me two more long-lasting friendships, with Patricia Alonso and Nubia Aristizabal; I still remember the tremendous debates we would sometimes have before we could reach agreement on our diagnoses.

Towards the end of the ’80s, I was invited to participate in the Spanish Society of Cytology and so began a long-standing involvement, first as a member of the council and later as vice-president and president. Since 1994 I have been the society’s representative to the European Federation of Cytology Societies (EFCS) and QUATE. In 2007 we hosted in Madrid the European Congress of Cytology, and so I was honoured to be president of the EFCS. Currently, I deal with international relations.

I have always found teaching to be an enriching experience and endeavour to participate in educational activities as much as I can. I have been giving cytology classes in courses and seminars for over 25 years, teach as assistant professor, and in my clinical practice am always accompanied by a pathology resident. Furthermore, I am an avid congress-goer: I greatly enjoy getting to know other cytopathologists and sharing time with others in the field, not only as clinical experts but as people. Progress depends not only on science but also on communication. However objective science...
may be and however hard we may seek progress, these things only really flourish in the context of human relationships.

Over the years, I have been lucky to have a close, personal association with many Latin-American cytopathologists and have visited, worked in, made friends in and lectured in many of the countries in South and Central America. Since 2000 I am proud to be an honorary member of the Uruguay Society, in 2006 I received the prize of “Maestro de la Citopatología Latinoamericana” from the SLAC and in 2010 the “United for Solidarity” from Mexico. I treasure these awards not so much as recognition of any specific contribution but as the sign of great friendships.

I am not a particularly prolific writer, although I have published several papers and chapters of books, mostly on FNA of deep organs and the breast. I do, however, participate in the peer review system as a member of the scientific committee of the Spanish journal “Patología” (and previously of “Citología”). I take my duties very seriously and am currently the associated director. I am also on the editorial board of Acta Cytopathologica.

The current of my activity, rarely, if ever, stops: when it is not cytopathology it is shopping, cooking, and housework. I have two daughters and am now grandmother to three little boys. Improving my English language has also taken up a lot of my time; French is my second language from childhood, and English has been a demanding, but worthwhile, challenge. Until I was involved in a terrible car accident in 1994, I was very active outdoors: horse-riding, sailing, water-skiing, and touring by motorbike. As a family, every summer we have always travelled far and wide, from Scotland to Croatia, in our camping van. I’ve also kept up a love of music by singing in a choir and usually spend part of my weekends rehearsing scores to avoid going too far out of tune in our little performances of Renaissance music and religious masses.

The central role of cytology must surely be to serve clinicians by providing fundamental support in the form of diagnoses and deciding on treatment and follow-up. Today, these responsibilities require a battery of ancillary techniques, most of which I would never have even dreamt of in my early years of clinical practice. During the last few years, in our cytology work we have all had to adjust to several changes. In my province, Navarre, there has been the government-led introduction of vaccination and new screening programs. DNA-HPV studies and liquid-based cytology are our new laboratory tools. Cytology is always evolving, which gives the field a certain life of its own. It seems, however, that now we are on the dawn of a new era of cytology, and it is with great excitement that I look forward to this future.

Educational Resources offer more and more

The IAC Continuing Education Committee under the guidance of Dr. Ritu Nayar have now extended the offer of virtual slides for self-assessment. The well accepted sections of Fluids and Thyroid have been complemented with 6 new cases under the category of Gynecological Slides. Many thanks to Dr. Walid Khalbuss, Pittsburg, USA and his team.

The virtual slides can be viewed as presented or with the guidance of marked areas. Each slide is also complemented with images, discussion and other facts to help improve your learning.

The Case of the Month now offers over two years of challenging cases. The archives are available for everyone.

If you think you have an interesting case to share please contact Dr. Nayar.
Society Activities

News from Chile

The International Symposium on Clinical and Pathological Cancer Diagnosis was held on 21 and 22 March 2011 at the Santa Maria Clinic in Santiago, Chile.

The International Symposium on Clinical and Pathological Cancer Diagnosis was held on 21 and 22 March 2011 at the Santa Maria Clinic in Santiago, Chile. It was sponsored by the Mayo Clinic, Heidelberg University, University of Los Andes in Chile, the International Academy of Cytology (IAC), and the Chilean Society of Cytology.

Over 160 professionals including Pathologists, Cytopathologists and Cytotechnologists attended the event.

The Directors of the Symposium were:
Dr. José Schalper, Vicepresident of IAC
Dr. Miguel Socias, Secretary of Chilean Society of Cytology

The invited speakers were Matthew A. Zarka, Mayo Clinic, USA, Dra. M. Liliana Dalurzo, Hospital Italiano, Argentina, Dr. Jose I. López, Hospital Universitario de Cruces – Spain, Dr. Kevin Leslie, Mayo Clinic, USA and Dr. Volker Scheneider, IAC, Germany

The main topics of the Symposium included:

- **Cytopathology Module**
  - Use of patterns in the interpretation of fine needle punctures
  - Problem cases: “Salivary glands puncture”
  - Problem cases in Cytopathology
  - Problem cases: “Liver puncture”

- **Nervous System Module, Urologic and Hemolymphoid**
  - Prostate Cancer. From biopsy to prostatectomy
  - Problem Cases: Urologic pathology and Nervous System
  - Hemolymphoid pathology. Introduction and problem cases

- **Pulmonary Pathology Module**
  - Useful patterns in transbronquial biopsy
  - Problem cases
  - Present challenges in Lung cancer diagnosis

- **Gynecological Pathology Module**
  - Cervical Adenocarcinoma
  - Problem cases

---

The directors and speakers
On July 23th 2011, the IAC Comprehensive Cytotechnology examination was held in Taipei, Taiwan. The examination was organized by the Taiwan Society of Clinical Cytology (TSCC).

There were 53 candidates sitting the examination, including two from Singapore. Figure 1 illustrates the microscopic section of the examination. The 53 candidates were divided into two groups.

Figure 2 illustrates the welcome dinner after the examination. Prof. Sow-Hsong Kuo and Prof. Tien-Chun Chang helped with arrangements in advance and eight senior cytotechnologists who assisted during the examination process.

Prof. Kuo was in charge of monitoring the first comprehensive cytotechnology examination in Taiwan since 1997. The examination has been held five times to date.

Currently, 10 FIACs, 3 CFIACs and 264 CTIACs work in Taiwan.
We are glad to report the recent news of the Korean Society for Cytopathology (KSC). The 25th Spring Academic Meeting and the 22nd Autumn Meeting of KSC 2010. A large number of pathologists and cyotechnologists participated in both meetings sharing their up-to-date knowledge and field experiences on evolving basic scientific insights, experimental and newly available techniques in research and clinical practice.

As new president we elected In-Ae Park, Seoul National University, at the 2010 spring meeting. She is in charge of KSC for two years from June 2010. The main topic at the 2010 autumn meeting was respiratory cytology. There were symposiums and special lectures under the headlines ‘Pulmonary Cytology; Challenges and a Practical Approach’ and ‘Clinical Application of Respiratory Cytology,’ and also presentations of the subjects of a lecture and posters.

The 9th Korean-Japan Joint Meeting for Diagnostic Cytopathology was held at the same place the day after the autumn meeting. The program included four special lectures focusing on “pulmonary cytology” with a poster session of presenters from both countries.

At the 2011 spring meeting, President In-Ae Park made a congratulation speech for the 25th celebration of KSC. HPV infection and cervicovaginal cytology were dealt in-depth at that meeting. Dr. DeMay with his colleagues and Korean cytopathologists held a symposium under the headlines ‘Cervical cancer screening: present and future’ and ‘Challenges in cervical cytology,’ and additionally there are presentations of the subjects of a lecture and posters.

Currently, the Korean Journal of Pathology, the official journal of Korean Society for cytopathology and Korean Society of Pathologists is a SCIE journal, and now its full-text is available online through the search engines such as KoreaMed, Google Scholars, Cross-Ref, and SCOPUS.

Continuing education programs for young cytopathologists, residents, and cyotechnologists of KSC were held as usual. Exfoliative cytology such as gynecology, body fluid, sputum, urine, etc is studied in every summer and aspiration cytology in every winter. With Dr. Ali we invited, advanced education program for the experienced cytopathologists was specifically dealt with the aspiration cytology of the thyroid, pancreas and salivary gland together with a wet workshop. Quality assurance program and bimonthly forum were also held. We applied the virtual slide program in both sessions. KSC is also dedicated to international education programs, and we have continued to educate the Mongolian Cytopathology Society since 2007.
The West African Society of Cytology (WASC) was formally inaugurated during the first Biennial meeting, which was held at the Aminu Kano Teaching Hospital, Kano, Nigeria from 31st March to 2nd April 2009. Pathologists, residents, medical laboratory scientists and nurses, attended the meeting and workshop with volunteer resource faculty from Australia, UK, USA and Nigeria. The theme of the conference was “The Role of Cytology in Cancer Control in Low-resource Settings”.

The usefulness of cytology in the screening and the diagnosis of neoplastic, non-neoplastic and infectious diseases of various body sites were highlighted. The cost effectiveness, accuracy and rapid turn-around time of diagnostic cytology make it ideal for low-resource setting.

The communiqué issued at the end of the conference emphasized the dire need for expanded and enhanced cytopathology training in Nigeria and the West African subcontinent. There is an urgent need to increase the number of trained cytopathologists, cytotechnologists and cyto-screeners in preparation for the implementation of effective, sustainable regional or national cancer control programs, as recommended by the WHO 2005 resolution.

The impact of cervical cancer deaths amongst women remains unacceptably high in the region. At the meeting, it was agreed that routine conventional Pap smear is still the way forward. The visual inspection with acetic acid (VIA) though helpful will not provide accurate data for documentation of the incidence of preinvasive and invasive cancer since the VIA does not allow for specific diagnosis. In view of this, a training school for cytotechnologists/cytoscreener becomes imperative since they are the missing link in an organized national screening program in Nigeria. This also provides job opportunities for the large pool of trainable manpower, the young biological science graduates, who otherwise may remain unemployed. The WASC is committed to organizing and supervising a pilot training school, with government approval. In anticipation of this, the society has since organized two additional training programs in Lagos and Abuja with volunteer faculty from the USA, Ms Zelma Carlson and Ms Crystal Glass.

The ultimate goal of the Society is to be the key player in the establishment of an accredited national cytopathology training body. To achieve this, the society looks forward to continued support from established international cytopathology societies and accredited programs, in terms of volunteer faculty and teaching materials, in particular old stock of conventional smears.

The Society also focuses on increasing the level of awareness of the role of cytology through the education of healthcare professionals and the community at large. It advocates that Cytopathology should be an integral and mandatory part of the residency training programs in Pathology, with provision of opportunities for continuing education. Most importantly, the society recognizes the need for government involvement in the provision of basic infrastructure and legislation as well as follow-up programs and treatment facilities. As a result, the society is also involved in advocacy to pressure both state and national governmental bodies.

With available trained personnel in the field, education to increase awareness about the versatility of cytology in disease management, improved national planning and government support, the chances of making preventive cancer control screening feasible would be greatly enhanced in the West African sub-region.
50 years CANADIAN SOCIETY OF CYTOPATHOLOGY
By Michele M. Weir, MD, FRCP(C)
Outgoing CSC Chair

The Canadian Society of Cytopathology (CSC) celebrated its 50th year at the CSC symposium during the Canadian Association of Pathologists (CAP) annual meeting held in Vancouver, British Columbia, Canada on 6 June 2011. The CSC was officially formed in 1961 from the previous Canadian Cytology Council and the first CSC chair was Dr. J. Penistan. Since then, there have been 35 chairs, including some well known cytopathologists (Dr. A. Meisels, Dr. A. Qizilbash, Dr. D. Thompson, Dr. D. Kulcsar, Dr. Ramzy, Dr. T. Colgan, and Dr. M. Auger).

The symposium’s Kulcsar lecturer, Dr. S. Swiggum, from the Canadian Medical Protection Association, gave an outstanding summary of Risk Management and Cytopathology. This was followed by a synopsis of cytology in Canada over the past 50 years, given by current and future CSC chairs, for each past decade (1960-1970’s Dr. M. Weir, 1980’s Dr. V. Chen, 1990’s Dr. M. Duggan, 2000’s Dr. C.M. McLachlin) and for the future (Dr. K. Khetani).

The outgoing CSC chair, Dr. M. Weir, presented two CSC honorary memberships to Dr. K. Suen and Ms. L. MacDonald in recognition of their significant contributions to cytology in Canada. As well, Dr. L. Kapusta, the CSC past chair was recognized for her contribution to the CSC. A “biphasic” chocolate and white cake was enjoyed in celebration of the CSC’s 50th birthday.

The 5th Annual Scientific Meeting of Cytology of Iran
Mansour Mehzad, MD, FIAC. President of the Iranian Society of Clinical Cytology

The 5th Annual Scientific Meeting of Cytology was held on April 16-18, 2011 at the university of Isfahan, Iran and was organized by the Iranian Society of Clinical Cytology (ISCC).

115 pathologists and cytotechnologists from many parts of Iran participated in this meeting. 4 invited speakers Dr. Lambert Skoog, Dr. Edneia Tani, Dr. Henryk Domansky from Sweden and Dr. Parvin Ganjei from USA attended the meeting and gave lectures on lymph node cytology, soft tissue cytology, pulmonary cytology and immunocytochemistry as well as an interesting lecture about history of FNA cytology by Dr. Skoog.
The above speakers presented interesting cytology cases in slide seminars and three workshops in the afternoons on soft tissue cytology, lymph node cytology and pediatric tumors cytology.

Mrs. Anna Maria Domanski was an invited cytotecnologist from Sweden. The new Bethesda system for reporting thyroid cytopathology was presented by Dr. Mezhad the chairman of the meeting. Three live videos of the American society slide seminar as well as liquid-based cytology, effusion cytology and cases on breast and thyroid cytology were presented. Parallel to this event an award program was organized in which Dr. Skoog, Dr. Tani, Dr. Domansky, Dr. Ganjei and Mrs. Anna Maria Domansky were elected as Honorary Members of the ISCC.

On the whole the Meeting programs were successful and European-American guests announced their viewpoints after returning their home some of which can be seen on the website of the ISCC: http://www.Irancytology.org

## 4th EFCS Cytopathology Tutorial in Trieste, Italy

### SIAPEC-IAP

(The Italian Society of Anatomic Pathology and Cytodiagnostics - Italian division of International Academy of Pathology) by Sonjia Prandi, MD

Following the well attended and highly successful residential courses in Croatia, Poland and Greece it was Italy’s turn to organize the 4th EFCS Cytopathology Tutorial in Trieste, Italy, 6th to the 10th of June 2011.

June is the perfect time of year to visit this attractive ‘windy city’ on the Adriatic coast of northern Italy where James Joyce lived and wrote Ulysees and Portrait of the Artist as a Young Man.

The tutorial took place at the Ospedale Universitario (University Hospital) di Cattinara, the host was Professor Luigi Di Bonito, head of Anatomic Pathology Department. Microscope slide-based workshops and lectures were given by local and visiting experts on conventional and liquid-based gynaecological cytology as well as a wide range of non-gynaecological cytology including serous fluid, urine, thyroid, breast, lung, lymph node, salivary gland – with an emphasis on fine needle aspiration cytology enhanced by ancillary tests. Some advanced topics were also covered such as endoscopic ultrasound-guided fine needle aspiration, immediate on site assessment and the use of diagnostic techniques such as immunocytochemistry, flow cytometry and molecular biology.

Lecturers from Italy were: Dr Arrigo Bondi (Ospedale Maggiore, Bologna); Professor Luigi Di Bonito (Ospedale Universitario di Cattinara, Trieste); Dr Giovanni Negri (General Hospital of Bolzano,
Bozano) and Professor Pio Zeppa (University of Naples “Frederico II”, Naples).

Lecturers from EFCS Tutorial team were: Dr Amanda Herbert (Guy’s & St Thomas’ NHS Foundation Trust, London); Mrs Rietje Salet-van-de Pol (Radboud University Nijmegen Medical Centre, Nijmegen, The Netherlands) and Professor Torill Sauer (Olso University Hospital, Ullevaal, Norway).

Visiting lecturers were: Professor Lukas Bubendorf (University Hospital Basel, Basel, Switzerland); Dr Leena Krogerus (University Central Hospital, Helsinki, Finland); Professor Ales Ryska (Charles University, Prague, Czech Republic) and Dr Laszlo Vass (Pest County Hospital, Budapest, Hungary). All the lecturers belong to prestigious institutions and have widely recognized experience in their own fields.

The participants came from different European and non-European countries: from Greece, Netherlands, Denmark, Malta, Finland, Switzerland, Czech Republic, Austria, Portugal, Slovenia, Russia, Bosnia Herzegovina, Serbia, Saudi Arabia, Israel and Italy. The course is eligible for continuing medical and professional education points: the tutorial can be claimed as credit for renewal of CT(IAC) title and for CPD points of the Royal College of Pathologists, Institute of Biomedical Science and EACCME.

Everybody appreciated the social activities, allowing participants to get to know each other and exchange ideas and experiences. The scientific part, represented by high quality lectures and the variety of smears covering all the issues discussed from a practical point of view, achieved credit for Italy and SIAPEC -IAP for organizing such an high level event.
<table>
<thead>
<tr>
<th>MEETING LIST</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>18th International Congress of Cytology - Paris, France, May 2013</strong></td>
</tr>
<tr>
<td>26th- 30th May 2013 - Paris, France</td>
</tr>
</tbody>
</table>

| **IAC Cytology Tutorial in Hong Kong** |
| Cheung Kung Hai Conference Center, University of Hong Kong |

| **4th Annual EFCS Tutorial** |
| The 4th Annual EFCS Tutorial |
| Trieste, Italy, 6-10 June, 2011 |

| **VII Congreso Colombiano de Citologia** |
| **Septiembre 29 ,30 y 1 de Octubre de 2011** |
| Bogotá |
| Crowne Plaza Tequendama Hotel, Salon Esmeralda II |
| Contact: asocolcit@gmail.com |
| Sujetos: VII Congreso de Citologia |

| **27th Annual Meeting of the Germany Society of Cytology (DGZ)** |
| Barockschloss Mannheim, Bismarkstrasse, 68161 Mannheim, Germany |

| **36th European Congress of Cytology - Istanbul, Turkey** |
| 22nd - 25th September 2011 |
| Istanbul, Turkey |
| Further information: [www.cytologyistanbul2011.com](http://www.cytologyistanbul2011.com) |

| **59th Annual Scientific Meeting A.S.C.** |
| American Society of Cytopathology |
| November 4-8, 2011 |
| Baltimore, Maryland, USA |

| **21. Fortbildungstagung für Klinische Zytologie München** |
| November 24. - 27. 2011, Hilton München Park, Munich, Germany (Proceedings in German) |
| [www.zytologie.de](http://www.zytologie.de) |
| IAC International Board of Cytopathology Examination Site |
### McGill Cytopathology Review Course
April 21 - 24, 2012  
Montréal, Québec, Canada

### 37th European Congress of Cytology
30th September - 3rd October 2012  
Cavtat-Dubrovnik, Croatia  
Hotel “Croatia” Conference Centre
Contact: secretaria@cytology2012.com

### 22nd Brazilian Congress of Cytopathology
XXII Congresso Brasileiro de Citopatologia  
Agosto/2012  
Mar Hotel, Recife, PE  
http://www.portalsbc.com.br/

### IAC Examination Schedule
Further details and applications forms are available at the IAC website.  
[www.cytology-iac.org](http://www.cytology-iac.org)

#### 2012 Tentative Schedule

<table>
<thead>
<tr>
<th>Location</th>
<th>Examination Day/Date</th>
<th>Application receipt Deadline</th>
<th>Comprehensive Cytotechnology</th>
<th>Cytopathology Board</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paris, France</td>
<td>Friday, January 27th, 2012</td>
<td>November 25, 2011</td>
<td>●</td>
<td>Not available</td>
</tr>
<tr>
<td>Paris, France</td>
<td>Saturday, January 28th, 2012</td>
<td>November 25, 2011</td>
<td>Not available</td>
<td>●</td>
</tr>
<tr>
<td>Hong Kong</td>
<td>Tuesday, February 28th, 2012</td>
<td>January 3, 2012</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Singapore</td>
<td>Monday, March 5, 2012</td>
<td>January 9, 2012</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>