



I.A.C. NEWS BULLETIN

THE OFFICIAL NEWSLETTER OF THE INDIAN ACADEMY OF CYTOLOGISTS

Vol.-2; Oct, 2022

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PRESIDENT'S MESSAGE

Dear members,

The Indian Academy of Cytologists is past its fifty years of existence. The foresight, effort, and perseverance of the founding members and of the many stalwarts and committed members have provided the platform and shape that IAC is in today.



With the evolution of the art and science of cytology over the years and with its dissemination to all parts of our country, IAC has succeeded in its primary objective. Cytology is now well understood not only by Pathologists but its scope and clinical usefulness are well appreciated by specialists in all other disciplines of medicine.

For further advancement, there is a need for introspection.

IAC is well placed to undertake surveys in our country to find out the areas of our deficiency. This would help us to develop cytology, along with ancillary techniques, in order to remain clinically relevant in the present scenario.

Analysis of such surveys would lead to the identification of our deficiencies which should be stressed upon in conferences. The shortcomings shall be the focus of CMEs and workshops. This would provide shape to the scientific content of our conferences.

India is inherently different from the western nations - what applies there may not be true here. Our vision should be through our own eyes. We have adequate intelligence and manpower. What we need is to get our act together. There is immense strength in focused collective work. Let the Institutions and Individuals come together and take India forward. My eye (I) is on India.

Till then, my best wishes to all.

Jai Hind
Dr. Dev Prasoon
Honorary President IAC

From The Secretary's Desk

Dear Friends,

As I sit down to pen my thoughts, it is in the middle of the Durga Puja festivities! Wish you all a Happy Dusshera and a very Happy and Prosperous Deepavali!

I took charge in the year 2018 from Dr.Dev Prason and it has been a journey of 4 long years as Secretary of this prestigious Academy. This year in CYTOCON 2022, I shall be handing over the baton to the next Secretary. So let me take this opportunity to give you all a glimpse of my years as Secretary.

The first thing I did after taking over was to create an e-mail account for the Secretary of the IAC, which is **secty.iac@gmail.com**. This would help to maintain continuity in the official communications of the Secretary.

In the year 2019, CYTOCON 2019 was held in PGIMER, my alma mater. Indeed, with Dr.Rajwanshi and Dr.Pranab Dey leading the team, it was a grand success. For the first time, 4 parallel workshops were held with two of them on advanced techniques of Flow Cytometric Immunophenotyping and Next Generation sequencing from Cytology samples. Needless to say, this inspired many to perform this technique as is evident from the papers submitted in subsequent CYTOCONs on this topic. The CME was on Effusion Cytology. From my visits to various parts of the country, I had observed that there was a great variability in the way fluid samples were processed, and in many cases, the results were far from ideal. There was an urgent need to develop guidelines for our country taking into account the resources available. I took up this challenge, formed an expert panel drawn from the top teaching institutes and hospitals, had extensive consultations with all of them, and this effort resulted in the first Guidelines for Effusion Samples right from their collection, to their transportation, processing and reporting them in a standardized format.¹ In fact, we published our guidelines in the early part of 2020 which was followed a few months later by the International guidelines on reporting of serous effusions. The very fact that the Diagnostic reporting categories were exactly the same is testimony to the experience and maturity of India's Cytopathologists. In fact, we have gone a step further and also recommended Cell blocks and immunocytochemistry on them in various situations with recommendations on the choice of markers as well.

Very soon in March 2020, the world was struck with the COVID pandemic. Lockdown followed. It was a new virus with significant morbidity and mortality and was not to be taken lightly by the medical fraternity. There were many looming questions, foremost of which was how we can continue to provide services to our patients without compromising our safety. There was panic among the pathology community too. Once again, I realized that this was the time for action and as an Academy, we need to come out with guidelines. The expertise gained in formulating the Effusion guidelines came in handy here. After some consultations with experts drawn from across the country, the COVID guidelines for Cytopathologists were prepared in the shortest possible time of just 3 weeks and published in the Journal of Cytology.² It was also disseminated in the form of a Webinar- the first webinar of the IAC, through the Telemedicine dept of PGIMER, Chandigarh. I sincerely hope that in the future, we will be able to prepare country-specific guidelines in several other areas in the field of Cytopathology. In order to keep up communication channels open, a zoom account was created and several Executive committee meetings could be held online. Lockdown continued into May 2020 and the pace of life slowed down. In view of this extraordinary situation, the EC of IAC decided to declare 2020 as a "Null" year. The Golden Jubilee conference CYTOCON 2020 had to be put on hold. At the same time, the pandemic situation worsened with many hospitals getting converted to COVID hospitals and correspondingly, almost all hospitals saw a decline in the numbers of non-COVID cases. To quote Einstein- 'Crisis is the mother of opportunity'. This was also our Golden Jubilee year and something unique needed to be done. Thus was born "JEWEL-50"- an acronym for Golden (50) Jubilee E-Web Lectures. The EC approved this idea and we held a series of Webinars from International Stalwarts in Cytopathology. The first lecture was by Prof. Andrew Field, President, International Academy of Cytology, followed by Dr.Nirag Jhala, Dr.Syed Ali, Dr.Zubair Baloch and Dr.Henryk Domanski. The virtual format also allowed for plenty of time for discussion in the form of Q&A sessions after the lecture. The JEWEL-50 lecture series could be accessed by many more on Youtube and the large number of viewers is testimony to its success!



The pandemic continued its course with more waves and it was then decided to merge the CYTOCON 2020 with CYTOCON 2021 and hold it in a fully virtual format. The Delhi State Chapter and AIIMS, New Delhi rose to the occasion and made it a grand success worthy of our Golden Jubilee. It was indeed befitting that the Golden Jubilee oration was delivered by Dr.Ritu Nayar. The large number of virtual post-conference workshops set new benchmarks in our educational activities. We continued with the PG Quiz, which has now become a very popular part of our conference. Fortunately, the pandemic has shown some signs of tapering permitting CYTOCON 2022 to be held in an offline format. The organizers have spared no effort to provide the delegates with the best in terms of hospitality and we await an academic feast. I hope to see you all in Siliguri in large numbers.

I wish to place on record my sincere thanks and gratitude to Dr.Naresh Rai, President IAC 2019, Dr.V.S.Nijhawan, President IAC 2020-21 and Dr.Dev Prason, President IAC 2022, who provided me the support and guidance to deliver my best. Dr.Nijhawan helped me tide over the unexpected and unique times of the COVID pandemic. Dr.Dev Prason, our rule master is always available to ensure that protocols are followed. I also wish to thank Dr.Bharat Rekhi, the treasurer, who helped streamline the completely digital flow of application for and approval of the IAC membership between us through e-mails.

Friends, thank you all immensely for giving me this opportunity of a lifetime to serve the Academy and all of you, the members of the Academy. I hope to have lived up to your expectations. I am sure of a glorious future for IAC under the next Secretary and Executive body. Wish you all a very Happy and Prosperous Deepavali and New Year too!

Sincerely yours,
Radhika Srinivasan
Hon.Secretary, IAC

**21st International Congress of Cytology and the
70th Annual Scientific Meeting of the American Society of Cytopathology**
November 15-20, 2022
“Exploring Next Generation Cytology”



APPLICATIONS ARE INVITED FOR IAC FELLOWSHIP FOR 2023

- ▶ IAC Fellowship is offered to pathologists with MD in Pathology or DNB in Pathology or equivalent.
- ▶ Regarding number of fellowships, duration of fellowship, eligibility and award of fellowship, and procedure for getting the fellowship, the details are available on IAC website www.cytoindia.com under the link Standard Operating Procedure(SOP)>Part D-Miscellaneous>IAC Fellowship.
- ▶ Regarding application form for fellowship and centres for doing fellowship, details are available on IAC website www.cytoindia.com under the link IAC Fellowship.
- ▶ The candidate should follow the details meticulously for rapid processing of the application.

CALL FOR TOPICS FOR CYTOCON 2023

Call is made for submission of **topics for CME, Symposium and Workshops for CYTOCON 2023**. Details of the procedure are available on the IAC website www.cytoindia.com under the heading Standard Operating Procedure (SOP)>Annual National Conference>Continued Medical Education (CME) / Symposium / Workshops. The same is to be sent to the Secretary Indian Academy of Cytologists by E-mail Preferably E-mail: secty.iac@gmail.com; CC the e-mail to drsradhika@gmail.com

CALL FOR HOSTING CYTOCON 2024

Call is made for submission bid for hosting CYTOCON 2024 and CYTOCON 2025. The bid letter signed by authorized person and detailing of infrastructure same is to be sent to the Secretary Indian Academy of Cytologists by E-mail Preferably E-mail: secty.iac@gmail.com; CC the e-mail to drsradhika@gmail.com

THE GROWING FAMILY OF IAC: NEW MEMBERS

Dr. Ojas Gupta
Dr Barnik Chaudhury
Dr Prasenjit Das
Dr. Nishtha Batra,
Dr. Sujaya Mazumder
Dr. Akanksha Singh

Dr. Amitabh Basu
Dr. Arnab Ghosh,
Dr. Ravi Phulware
Dr Prasath S
Dr Deepika
Dr Ayesha Afreen Islam

Dr Virender Rana,
Dr. Sutapa Das
Dr. Jaya Bagchi
Dr. Pallavi Mehra
Dr. Malvika Shastri

52ND ANNUAL CONFERENCE OF THE INDIAN ACADEMY OF CYTOLOGISTS



CYT CON 2022

SAVE THE DATE

DATE & VENUE

NOVEMBER 4TH - 7TH, 2022
NORTH BENGAL MEDICAL COLLEGE



Organised by
**DEPARTMENT OF PATHOLOGY,
NORTH BENGAL MEDICAL
COLLEGE, SILIGURI**
and
WEST BENGAL CYTOLOGY SOCIETY

Contact : cytocon2022@gmail.com

 +91 8017012285

For Further Information

Please visit www.cytocon2022.co.in

WELCOME MESSAGE

Dear Colleagues,

It is our proud privilege to welcome you all to the most awaited 52nd annual conference of the Indian Academy of Cytologists, CYTOCON-2022, organized by the Department of Pathology, North Bengal Medical College, and West Bengal Cytology Society (IAC-West Bengal Chapter).

For the last 2 years, we were bound to restrict our offline academic activities due to the pandemic of COVID 19 and this conference allows us to meet our friends and colleagues physically and share our experience and expertise. On behalf of the organizing committee, we are glad to invite all the eminent pathologists, academicians, young scholars, residents, and students from all over the world to attend CYTOCON-2022, which is going to be held at North Bengal Medical College from 4th to 7th November 2022.

This conference aims to rejuvenate the knowledge of cytopathology in the form of Preconference CME on Cytopathology of Pancreatico-biliary lesions , and different orations, lectures, slide seminars, and symposium during the main conference by distinguished national and international cytopathologists. It would lay a platform for the interaction between experts around the world and in accelerating academic discoveries.

The conference will also showcase proffered papers, poster presentations, and post-conference workshops which will be moderated and guided by renowned cytopathologists from all over India. A national quiz for the postgraduates will be one of the major highlights of the conference. North Bengal Medical College is envired by natural beauties. You can enjoy the breath taking mountains of Darjeeling, Kalimpong, and Sikkim or immerse yourself in the serene beauty of the lush green tea gardens with the majestic Kanchenjunga while traveling in the NJP-Darjeeling toy train. Buxa, Jayanti, and Dooars are the forests where you will find the peace you have been looking for or you may enjoy the exhilarating forest safari at Gorumara or Jaldapara National Park. Our tour guide is always ready to make your valuable time worthy by combining academics with a beautiful small tour plan. We assure you a grand academic fiesta and look forward to your whole-hearted support, cooperation, and active participation.

With best regards

DR. BIDYUT KUMAR GOSWAMI
DR. MAMATA GUHA MALLICK SINHA
Organizing Chairpersons CYTOCON-22

DR. BISWAJIT HALDAR
DR. INDRANIL CHAKRABARTI
Organizing Secretaries CYTOCON-22

CYTOCON 2022**52nd Annual Conference of Indian Academy of Cytologists****4th to 7th November 2022****Venue: North Bengal Medical College, Sushrutanagar, Siliguri, Darjeeling****CME: "CYTOPATHOLOGY OF PANCREATICO-BILIARY LESIONS"****Moderator – Dr. Venkat Iyer****Assisted by Dr. Prasenjit Das and Dr. Rajni Yadav****4th November, 2022**

TIME	TOPIC	SPEAKERS
Session 1	9.00 - 11.30 AM	
9-9.15 AM	Introduction to the CME & Importance cytology examinations of Pancreatico-Biliary lesions	Dr VK Iyer, AIIMS, Delhi
9.15-9:35AM	Radiology of Pancreatico-Biliary lesions: Primer for Pathologists	Dr N Pandit, NBMC&H
9.35-9:55AM	Technical aspects of Cytological sampling of Pancreatico-Biliary lesions	Dr Rajni Yadav, AIIMS, Delhi
9.55-10:15AM	Cytopathology of lesions of Gall bladder	Dr Pavneet Kaur Selhi, DMC, Ludhiana
10:15-10:35AM	Cytology & histology correlations of Pancreatico-Biliary tract	Dr Sandeep Mathur, AIIMS, Delhi
11:10-11.30 AM	Tea Break	
Session 2	11.30-1PM	
11.30- 11.50	Cytology and EUS-FNB of Pancreatic Solid lesions	Dr. Nalini Gupta, Professor, Dept. of Cytology and Gynecological Pathology, PGIMER, Chandigarh
11.50-12.10	Cytology of Pancreatic cystic lesions	Dr Prasenjit Das, AIIMS, Delhi
12.10-12.30	Cytology of Biliary tract: EUS and Brush cytology	Dr Pooja Bakshi, SGRH, Delhi
12.30-12.50	Rare lesions of Pancreatobiliary system with uncommon clinical presentations: A potpourri of cases	Dr Anuradha Sekaran, AIG, Hyderabad

12.50-1.00 pm	Audience Questions	All Session 2 Panelists
1.00-2.00 PM	Lunch Break	
Session 3	2-3.30 PM	
2.00-2.30PM	Panel Discussion & Question Answer Session	All Panelists of the CME
	Cytology Reporting system in Pancreatico-Biliary Lesions, processing & Future directions	All Faculties
	(Questionnaire based- Quality control, cell block, FISH, NGS, molecular applications)	
2.30-3.15 PM	Interesting Case Presentations	Dr Sandhya Sundaram, SRU, Chennai
		Dr Parikshaa Gupta Sharma, PGIMER, Chandigarh
		Dr Surbhi Agarwal, GB Pant Hospital, Delhi
		Dr Meeta Singh Anand, MAMC, Delhi
3.20-3.30 pm	Concluding Remarks	Dr VK Iyer
3.30 - 4.30 pm	JOC Committee Meeting	
4.30 - 5:30 pm	IAC Executive Committee Meeting	
6:00 - 7:00 pm	Inauguration	
7:00 - 9:00 pm	Cultural program	
9 pm Onwards	Dinner	
5th November, 2022		
Time	Topic	Speakers
9:00-10:00 am	Prof. P. N. Wahi Oration: The Journey from Quantitative Cytology to artificial intelligence and what next?	Dr.Pranab Dey, Professor, Dept. of Cytology and Gynecological Pathology, PGIMER, Chandigarh

10:00-11:00 am	Guest lecture: Medullary (C Cell) Carcinoma and Neuroendocrine Carcinoma of the Thyroid	Dr Kennichi Kakudo Professor, Department of Pathology, Cancer, Genome Center and Thyroid Disease Center, Izumi city general Hospita, Izumi, Osaka, Japan
11:00-11:15 am	Tea break	
11:15-12:30 pm	Oral award paper- Nalini Bai Thakkar Award	
12:30 - 1.15 pm	Oral award paper- Jwala Devi Award	
1:15- 2:40 pm	Lunch break cum Sponsored Session	
2:40- 4.10 pm	Proffered papers / posters	Examination Hall
4.10-5.10 pm	IAC Academy Oration - An Integrated Cytologic and Molecular Approach to the Diagnosis and Management of Salivary Gland Neoplasia	Dr. William C.Faquin -Professor of Pathology, Harvard Medical School, Division of Head and Neck Pathology & Cytopathology, Massachusetts General Hospital, Boston
5:15 - 7:00 pm	General Body Meeting	
7:30 onwards	Banquet	
6th November 2022		
Time	Topic	Speakers
09:00-10:30 am	Ernest Fernandes Award Slide Seminar	Dr. Nalini Gupta: Professor, Dept of Cytology and Gynaecological Pathology, PGIMER, Chandigarh
10:30-11:30 am	Dr. S. K. Gupta Memorial Lecture: Cytologic approach to breast lesions	Dr.Shyama Jain, Former Director-Professor, Dept. of Pathology, Maulana Azad Medical College, Delhi and Professor, Dept. of Pathology, Dr.Babasahab Ambedkar Medical College and Hospital, New Delhi
01:15-02:00pm	Lunch break	

2:00-3:00 pm	Col. D.B. Nayar Memorial award	
3:00-4:30 pm	Proffered papers	Main auditorium / LT-400 / LT-250
	Poster presentation	Examination Hall
04:30-6:30 pm	Quiz for postgraduate trainees	Dr. Paromita Roy Dr. Arghya Banerjee Dr. Sarbashish Hota
06:30-7:00pm	Award distribution and Valedictory session	

CYTOCON 2022

52nd Annual Conference of Indian Academy of Cytologists

4th to 7th November 2022

Venue: North Bengal Medical College, Sushrutanagar, Siliguri, Darjeeling

7th November 2022 Post Conference Workshop

9.00 am- Registration

	Topic	Moderator(s)	Expert(s)
9:00 AM	LBC in Non Gynaecological Specimens	Brig (Dr) Jasvinder Kaur Bhatia Dr. Sourav Bhowmik	Dr.M.M. Kamal Dr.K. Swaminathan Dr.Nalini Gupta
9:00 AM	HPV Detection in Gynaecological Specimens (LBC)	Dr. Mamata Guha Mallick (Sinha) Dr. Ayesha Afreen Islam Dr. Santanu Hazra	Dr. Divya Midha Dr. Mrinmay Kumar Mallik Dr. Sanjay Bhattacharya Dr. Sonia Mathai
9:00 AM	Flow Cytometry (FCM) in Lymphoproliferative Disorders	Col. (Dr) Deepak Kumar Mishra Dr. Senjuti Das Gupta	Dr.Radhika Srinivasan
9:00 AM	Squash Cytology of Brain Tumors	Dr. Indranil Chakrabarti	Dr. Sanhita Chatterjee Dr. Ejaz Ahmad Bari Dr. Indranil Chakrabarti
9:00 AM	Role of Cell Blocks in Cytopathology	Dr. Anup Kumar Boler Dr. Biswajit Halder Dr. Vaswati Das	Dr. Bidyut Krishna Goswami

This is the tentative program and is subjected to last minute changes.

Welcome To Siliguri, "Gateway Of Northeast India"



5TH ANNUAL CONFERENCE OF ASSOCIATION OF CYTOLOGISTS OF MAHARASHTRA : **MACyCON 2022**

Report submitted by :

Dr Vikas S. Kavishwar, Joint Secretary, Association of Cytologists of Maharashtra

The 5th Annual Conference of Association of Cytologists of Maharashtra, MACyCON 2022 was organized by the Indian Association of Practising Pathologists (IAPP), Pune. This was a web based virtual conference with the guidance of **Dr Dr Milind Mirashi**, President, IAPP, the organizing secretary, **Dr Aparna Joshi**, and the joint organizing secretary, Dr. Bageshri Gogate. The program was planned to include topics of interest for Practising pathologists in private laboratories, hospitals, academic institutes as well as postgraduate (PG) students.

The conference was inaugurated with an opening address by **Dr Milind Mirashi**. **Dr Usha Saraiya**, Consultant Obstetrician and Gynaecologist- Breach Candy, Saifee, Elizabeth Hospital (Mumbai) was felicitated for her more than 50 years of contribution to cervical cytology screening programmes in India.

Dr Col Prerna Guleria, Command hospital, Pune gave the first talk on EUS on cytology.

Dr Shobha Grover Oration was delivered by **Dr Nga Min En**, Senior Consultant, Department of Pathology, National University Hospital, Singapore on 'Cytology: The Art of Detection'-The case book of a cell detective. This talk was the highlight of the conference, not only with information but also a very enticing presentation of images, quotes and surprises!

Dr Shubhada Kane delivered the **Dr Jayant Abhyankar** Memorial Talk on “Challenges in Parotid Cytology” with very fancy cases and entertaining presentations.

Dr Anand Bardia from TMC, Kolkata delivered an elaborate talk on Thyroid Cytology.

Dr Vikas Kavishwar gave a crisp talk on Urine Cytology of utility to all.

Dr Avani Pendse, Associate Professor, Dept of Pathology, Duke University delivered an excellent **Dr Gharpuray** memorial Oration on Liver Cytology.

Dr Meherbano Kamal enthralled the audience with her **Dr K B Niphadkar** Memorial Talk on “Carry home message through cases over 50 yrs”

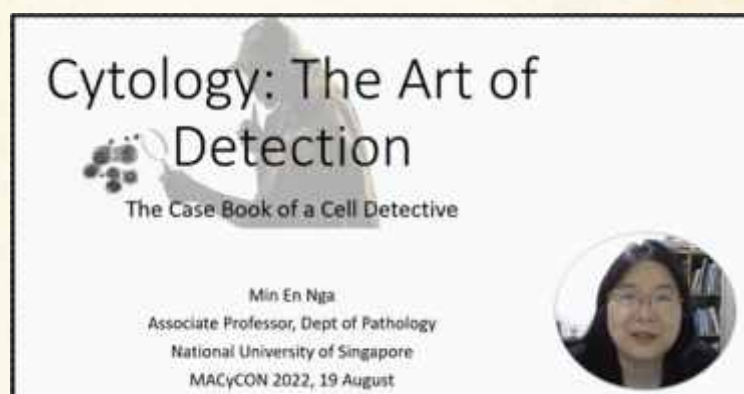
There were informative and interesting scientific sessions by the eminent speakers, **Dr. Leena Naik** (Fluid cytology- Basics to Recent Advances) and **Dr Neelam Kolte** (AI in LBC) drew everybody's attention.

There was Quiz called Cytosleuth was conducted by **Dr Mona Agnihotri** and **Dr Sangeeta Kini**. This was a complete spectrum of cases over varied fields and topics medicine in general. The photographs in the quiz were a visual treat!

Dr Swapnil Karnik summed up the conference with vote of thanks.

The conference had 45 posters and 450 delegates from all over the All in all a grand success and encouraging scientific feast.

Dr. Shobha Grover Oration :



THE 8TH ANNUAL CONFERENCE OF THE UP CHAPTER OF INDIAN ACADEMY OF CYTOLOGISTS

UPCyCON 2022

Report submitted by :

Prof.(Dr) Tanu Agrawal, Organizing Secretary and **Dr Surabhi Pandey**, Joint Organizing Secretary

The eighth Annual Conference of the UP Chapter of Indian Academy of Cytologists was organized by the Department of Pathology, Shri Ram Murti Smarak Institute of Medical Sciences, Bareilly on 24th -25th September 2022. The conference was attended by 225 faculty and delegates. The highlight of the conference was the prestigious Prof. Padam K. Agarwal oration on Pediatric Small Round Cell Tumors delivered by Prof. Radhika Srinivasan, Secretary of IAC and Prof. and Head of Department of Cytology and Gynecological Pathology, PGIMER Chandigarh.

The theme of the conference was 'Pitfalls in Cytology' and stalwarts of pathology Dr Arvind Rajwanshi, Director AIIMS Raibareli, Dr Barat Rekhi, Professor TMH Mumbai, Dr Nalini Gupta, Professor PGIMER Chandigarh and Dr Deepali Jain, Additional Professor AIIMS New Delhi enlightened the audience with the various aspects of cytological pitfalls of thyroid, soft tissue, exfoliative gynecology and lung cytology.

There were also presentations of challenging cases by experts from various state medical colleges. The workshop on Head and Neck Cytology with hands –on glass slide viewing sessions conducted by Dr Atul Gupta, President UP Chapter of Indian Academy of Cytologists, Dr Anurag Gupta, Secretary UP Chapter of Indian Academy of Cytologists and Dr Deepa Rani, Professor SNMC Agra was very informative and highly appreciated by all the participants.

Forty-eight posters were received and judged by Dr Harinder Kumar, Dr Anupam Varshney and Dr Hari Shankar Pandey. Twenty eight oral paper presentations were received which were judged by Dr Chetan Dass, Dr Naveen Thapliyal and Dr Nitesh Mohan in three parallel sessions. Prizes were given to the top three presenters in both categories.

The conference was highly applauded for the engaging and fruitful sessions and active participation from faculty and students.



GLIMPSES OF THE **UPCyCON 2022**

(8th Annual conference of IAC-UP Chapter)





WEBINARS ON CYTOLOGY (FNABC) BY

Dr Asitava Mondal

Consultant Histopathologist and Cytopathologist,
Kolkata

1. Mediastinal Germ Cell Tumors
 2. Diagnostic approach to Mesenchymal tumors of Maxillofacial region
 3. CT-guided NABC of Pelvic Bone Tumours
 4. Soft tissue tumors of Tongue
 5. Pediatric Nonodontogenic Maxillofacial Tumors
 6. Aggressive GCT of Bone
 7. Epithelial Tumors of Maxillofacial Region
-



THE FOLLOWING CMEs WERE ORGANIZED IN GOA

Dr RGW Pinto

Professor and HoD, Department of Pathology,
Goa Medical College

Dr RGW Pinto, Prof and HOD and Ex Dean Goa University , has organized a large number of CMEs Online via email in Goa. These CMEs were all free of cost with no delegate fees. These are the largest number of CMEs in India.

He has chaired the Dr. K B Niphadkar Oration by Dr M Kamal at the MACyCON 2022 , 20-21 August 2022 at Pune. This was organized by the Association of Cytologists of Maharashtra and the Indian Association of Practicing Pathologists, Pune in which 410 delegates participated.

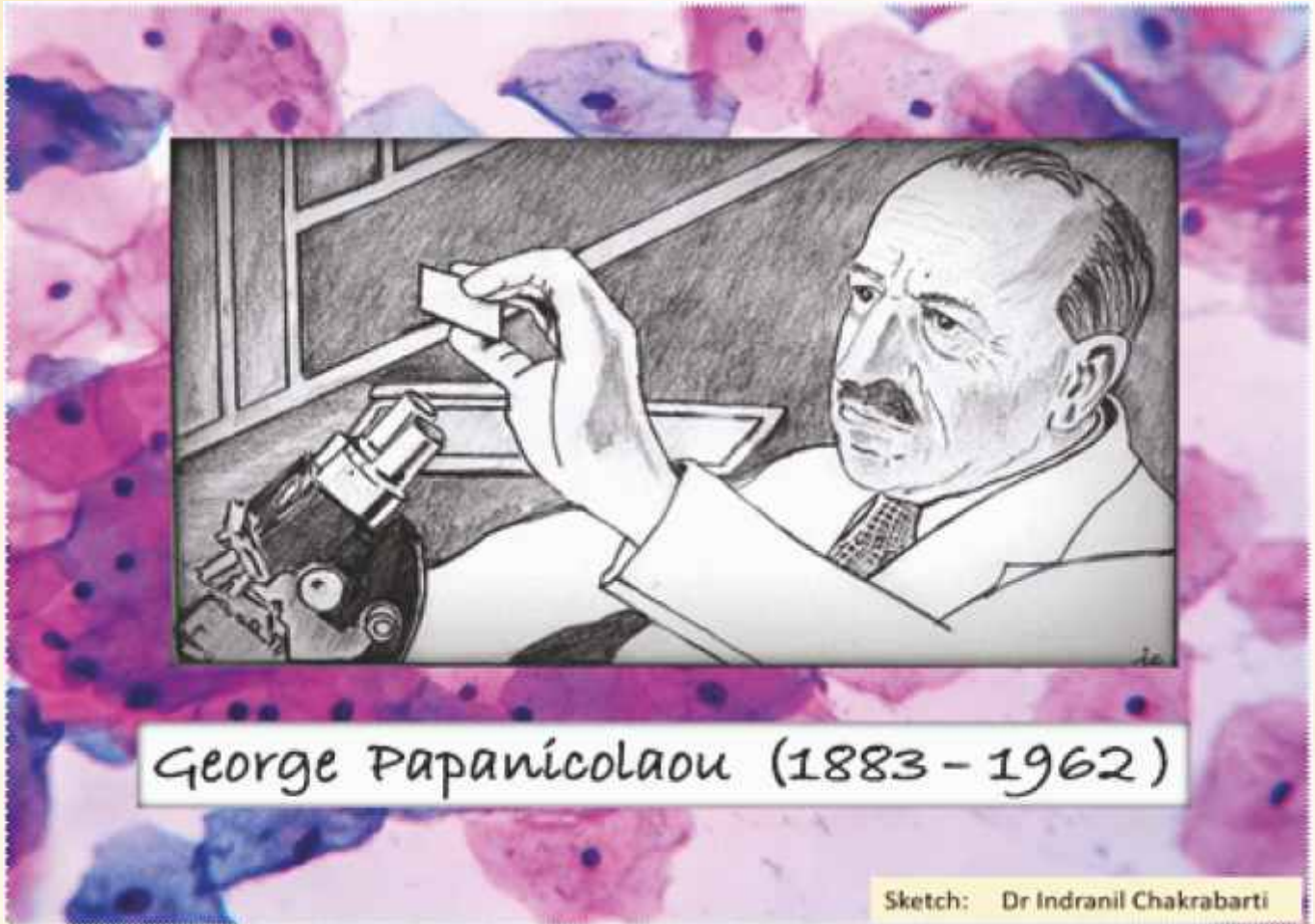
He was the Coordinator of the Webinar on Lymph Node Cytology, 18th March 2022, organized by the Hellenic and Croatian Society of Clinical Society in which 451 delegates from 51 countries participated.

He had been an invited faculty for the International Cancer Conference, September 16-17, 2022, Chicago , IL, USA . His topic was on Wilms Tumor

NEWS EVENT

A monograph and atlas on cervical cytology titled "Uterine Cervix Cancer & The Bethesda System" was released on 12th October, 2022 by the Honorable Dean of GMCH, Nagpur, Dr Raj Gajbhiye. The monograph and atlas has been edited by Dr Meherbano Mustafa Kamal, former IAC president and Professor and Head, Dept. of Pathology, GMCH, Nagpur and co-edited by Dr Jasvinder Kaur Bhatia, Professor and Head Dept. of Lab Sciences and Medicine, Army hospital (R&R), New Delhi and is published under open access of Cytojournal (CMAS) by Cytopathology Foundation.

Tribute



THE PAPANICOLAOUS: TWO LIVES DEDICATED TO SAVING MILLIONS OF LIVES

By : Dr Sujaya Mazumder, Assistant Professor, Dept of Pathology and Lab Medicine, AIIMS Kalyani

“To live in the hearts we leave behind, is not to die”. Any cytology gathering or writing is incomplete without the mention of the one who is responsible for changing the entire dynamics of cervical cancer with the simple belief that no woman should ever die of cervical cancer, the Father of Cytopathology as he is often referred to; George Nicholas Papanicolaou. (1883-1962). George Papanicolaou as we all know invented the famous Pap smear test which is a part of our routine practice and has come to play a leading role in screening and prevention of cervical cancer.

Born in the coastal town of Kimi, Greece, Papanicolaous' early career was very diverse, having studied philosophy, literature, music, and language in the University of Athens. On his physician father's advice, he entered the medical field and became a surgeon and also served in the army. But his desire to work in scientific research soon took over and he went ahead to do a PhD in Zoology. He emigrated to New York in 1913 for pursuing better scientific research thereby commencing his journey to a medical breakthrough.

He moved to New York with his wife Andromache Mary Mavrogeni. What we often fail to remember and recognize is the devotion of his wife which is worthy of mention. Her dedication to his research went above and beyond. She worked as his technician, supporting him in all his endeavors and for 20 years Papanicolaou

used her cervical smears to study the normal cells of the female genital tract. She was in fact so devoted to him that she decided to not have children to be able to always be by his side and support his work.



Image Source: <https://www.spandidos-publications.com/10.3892/etm.2019.7951>

After overcoming the initial hurdles, Papanicolaou's career in the US developed rapidly. He landed a part-time research role in the Department of Pathology at the former New York Hospital and soon moved to a full-time research position at Cornell University Medical College in New York. This was where he commenced his work on cervical cancer by initially studying the estrous cycle of mammals by microscopically examining the vaginal smears of guinea pigs and later extending his work to studying normal vaginal smears and further smears of women suffering from cervical cancer. In the year 1928, he introduced to the world a simple technique used to diagnose cervical cancer which is known as the Pap smear. However, just as all unfamiliar path-breaking discoveries are often looked at with skepticism, it took around 20 years for the medical fraternity to accept his work.

Papanicolaou has to his name several articles and scientific books of which, the most famous one was the Atlas of Exfoliative Cytology which was a milestone in the science of cytology. It has perfect

sketches of normal and abnormal cervical cells and has marked the foundation of exfoliative cytology. He was also nominated twice for the Nobel prize for medicine but didn't receive it as the committee would not give the award to researchers who were engaged in the prevention of a disease but rather to doctors who had discovered therapies. However, he received many awards and accolades in medicine, both in his lifetime and posthumously, one of the most notable one being the Albert Lasker Award for Clinical Medical Research, bestowed by the American Public Health Association in 1950, and the Medal of Honor, given by the American Cancer Society in 1952. The Cancer Research Institute in Miami, where Papanicolaou worked a few months prior to his death, was renamed after him in recognition of his pioneering work. In his honor, The National Kapodistrian University of Athens created a "Papanicolaou Museum" at the Laboratory of Descriptive Anatomy of its Medical faculty.

The greatest reward of his work however was probably the fact that the result of a massive screening project using the Pap smear suggested that the death rate in cervical cancer dropped from 23.7 to 10.2/lac and the WHO then announced, in 1969, that cancer cervix was a preventable disease. Pap test is a commendable discovery that has fulfilled the need for a simple and inexpensive method of examining prospective cancer bearers in all populations around the globe and has stood the test of time. The man and woman behind this, the Papanicolaous lived a life devoted to the science and to mankind and their story of dedication and sacrifice has left behind an inspiring legacy. Even after the introduction of HPV vaccination into clinical practice, till date, Papanicolaou's method remains an essential component of the prevention strategy against cancer.

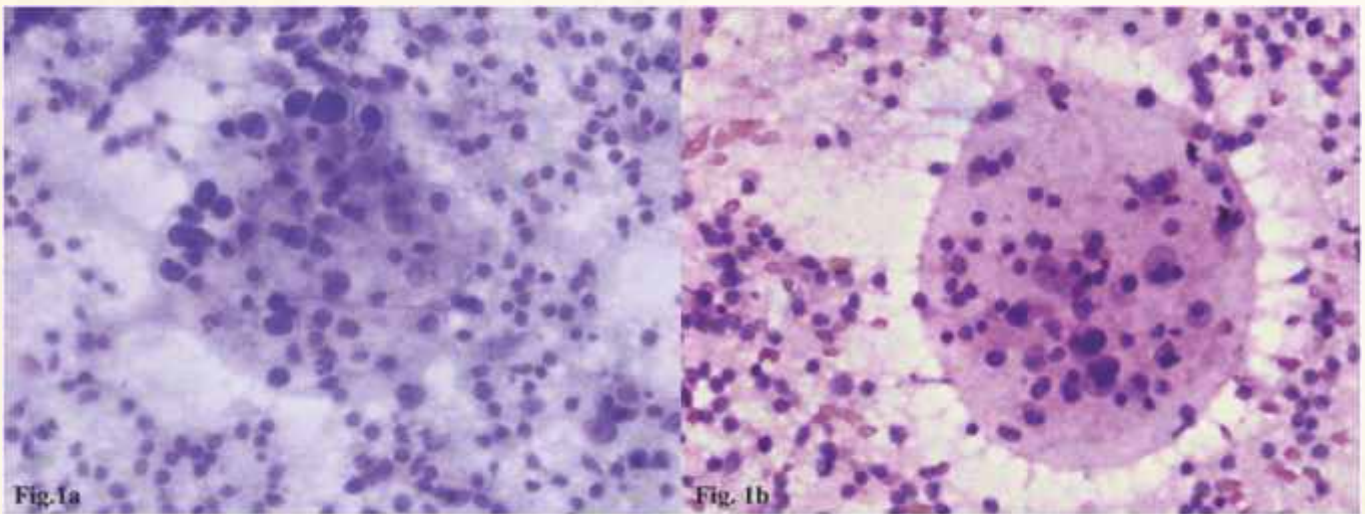
QUIZ TIME

Cases contributed by :

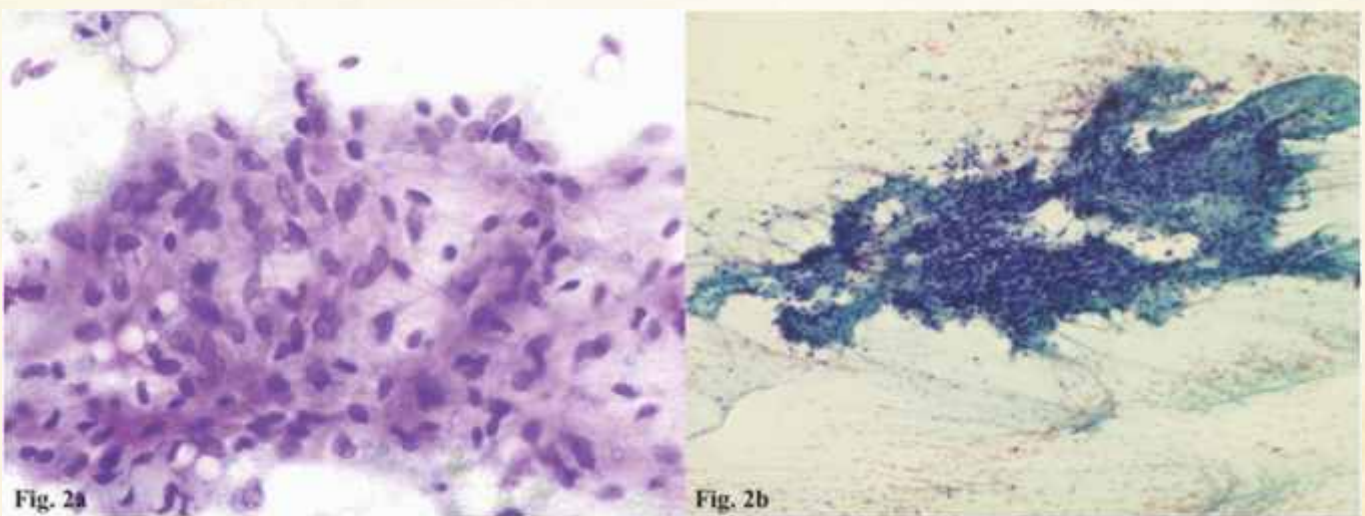
Dr Tummidhi Santosh

Associate Professor, Department of Pathology and Lab Medicine, AIIMS Kalyani

Case 1- A 55-year-old female presented with bilateral cervical lymph nodes in level Ib & IIa. FNAC along with rapid on-site evaluation was done.



Case 2- A 45-year-old female presented with a breast lump in right upper outer quadrant. She had a history of excision at the same site a few years back. FNAC along with rapid on-site evaluation was done.



Answers to the Quiz questions of May 2022 newsletter

Case 1: Kikuchi lymphadenitis

Case 2 : Scar endometriosis

From The Editor's Desk

As we come close to the end of another exciting year, things are looking brighter and better. The menace of COVID-19 has receded to a large extent and we are waiting for our annual academic national meet in offline mode, CYTOCON 2022 at North Bengal Medical College, Siliguri, West Bengal from 4th to 7th of November, 2022.



The number of registrations for the conference has been encouraging and the organizing committee has put together a very attractive academic program with renowned international and national speakers under the guidance of IAC President Sir and IAC Secretary Madam.

The abstracts of the submitted papers will be published in the highly indexed Journal of Cytology (JOC) supplementary issue just as the last year, thanks to the JOC Editor-in-chief Sir and his team.

I again take this opportunity to request you to actively contribute to the IAC newsletter which may be news of upcoming or already conducted academic events related to cytology (webinars, workshops, CMEs, conferences), quizzes, case snippets, interesting articles, tribute, fun facts, etc which can make this newsletter more informative and attractive at the same time.

This is your own newsletter so please feel free to contribute. The new, young, and energetic IAC members are encouraged to be a part of this association, which has been nurtured by the senior members over the years like a family.

Finally, let us all join CYTOCON 2022 in large numbers and enjoy the academic feast and lovely hospitality of the organizing team.

Long live IAC
See you in Siliguri

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Thank
you for your time

Please send your feedback to drinch@rediffmail.com