

I.A.C. NEWS BULLETIN

THE OFFICIAL NEWSLETTER OF THE INDIAN ACADEMY OF CYTOLOGISTS

Vol 1; March 2017

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President's Message



Dear Friends,

I have been associated with Indian Academy of Cytologists for thirty years. My affinity and the feeling of belonging for this organisation grew over time. With all humility I acknowledge the affection showered by the members of this great organisation. Over the years I have seen changing trends in the way we practice cytology. Cytology had started as a screening technique and later upgraded to a diagnostic tool. Currently it has prognostic and predictive roles on par with histopathology.

Morphology was the mainstay when I started practising cytology, with histopathology as the gold standard. In the initial phase of this millennium, oncologists started to prefer trucut biopsies over cytology. I, like many cytology colleagues, was distraught as we were made to feel that cytology was losing ground. At that point of time I was blind to a door that was opening, the door of molecular pathology.

Over the period several studies have assessed the suitability of cytological specimens in molecular studies. Cytology provides an excellent material for FISH and other molecular tests. Next generation sequencing using fresh or fixed smears or cell blocks, is being used for the detection of mutations in several genes. It can be well anticipated that the demand of the molecular technology using cytology specimen will be expanded. Digitization by whole slides imaging with - Z - axis or Zavic may prove useful in telecytology.

These advances may change the future role of cytopathologists and cytotechnologists. Planning has become necessary to make the best use of the material available; "Personalized Cytopathology for Personalized Medicine". More advanced diagnostic and prognostic functions within cytopathology will encourage cytopathologists to take a more active role in disease management, disease treatment.

Changes in the practice of cytopathology over the last decade have challenged the traditional role of cytotechnologists world over. At the operational level, these advances need proper management of samples in the laboratory. Cytology community across the world is now discussing expansion of the role of cytotechnologists. Indian Academy of Cytologists may also need to focus on such expansion of their skills. Cytotechnologist may now have to get ready to become the molecular technologist and the cytopathologist should get ready to transform from a clinician's consultant to a "Diagnostic Oncologist" in a multi-disciplinary team and a clinical provider.

Dr. Aruna Prayaga

Secretary's scribble



Dear Friends,

Quality Assessment is an essential part of any technical work as it helps to evaluate one's own work and to make the work reproducible. To do quality work, it is essential to have a standardised work format. Any deviation from the norm is identified as non-conformity and entails corrective measures. Quality assessment may either be in form of an internal assessment or an external assessment. As there may be an element of bias in internal assessment, external assessment is the preferred mode. For appropriate reproducible assessment it is essential to quantify the measurement parameters. Cytology being a relatively subjective science is difficult to quantify. Nonetheless, a scheme for evaluation has been developed by our EQA team and has been discussed in many conferences. The usefulness of the EQA programme run by IAC can be gauged by the increase in participation in this programme over the years. I would request all to make good use of this programme.

Two changes have been approved by the General Body which are to take effect from 2017. The scope of Satya Monga Award has been expanded to include original articles published on molecular techniques applied in cytology. And applications from private practitioners shall be entertained for award of IAC Fellowship from this year.

As laid down in the Standard Operating Procedure, two of the aims of conducting our annual national conference are to propagate and promote the knowledge of cytology and to consolidate cytology as a discipline in our country. The decision to conduct this year's annual conference at Shillong, Meghalaya fortifies the commitment of our Academy to propagate this discipline to every corner of our country. Come travel the road less travelled.

With best wishes for a festive Holi.

Dr. Dev Prason

Thought's from the editor....

"In the next 10 years, data science and software will do more for medicine than all of the biological sciences together."

Vinod Khosla
Co-founder, Sunmicrosystems



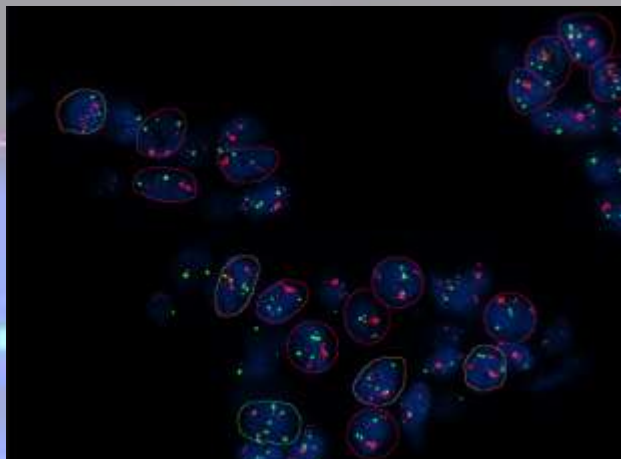
The quote is the reflection of the exciting times ahead in the field of medicine, and cytopathology is not far behind. With clinicians and patients insisting on minimally invasive procedures for diagnostic procedures, cytopathology with the amalgamation of new technologies such as Immunocytochemistry, Fluorescent In-Situ Hybridisation, Polymerase Chain Reaction and Next Generation Sequencing will help in achieving valid diagnostics results.

The background of this newsletter celebrates the fascinating technology of Fluorescent In-Situ Hybridisation. It shows Her2Neu amplification on cytology smears from a fine needle aspiration using Fluorescent In-Situ Hybridisation. Interestingly the inventor of this technology Dr. Joseph G Gall demonstrated hybridisation on cytology preparations of toad oocytes back in 1969. The technology improved in terms of ease of applications and use of fluorescence for interpreting the hybridisation.

This newsletter also sees the start of a Quizzzz section, History/Personality section and anecdotal write up on any incident by the members who would like to share their experiences. In an attempt to reach a wider audience, we have initiated a process of sending the newsletter to all members of Indian Academy of Cytology by e-mail.

The Editorial office solicits any suggestion and comments for making the newsletter more relevant to the readers.

Brig Reena Bharadwaj VSM



Photomicrograph showing ductal carcinoma cells of a fine needle aspiration smear with Her2Neu amplification.

PROPOSED PROGRAMME



10th to 13th November

VENUE

**NORTH EASTERN INDIRA GANDHI REGIONAL INSTITUTE OF
HEALTH & MEDICAL SCIENCES, SHILLONG, MEGHALAYA**

Hosted By

DEPARTMENT OF PATHOLOGY, NEIGRIHMS

Co-hosted by

**NORTH EAST REGIONAL CHAPTER—INDIAN ASSOCIATION OF
PATHOLOGISTS & MICROBIOLOGISTS**

Invitation

Dear Colleagues,

We take great pleasure in inviting you to Shillong, a.k.a. the “Scotland of the East”, the host city for CYTOCON 2017. The event promises to be a vibrant mix of academics in the lap of nature, spruced with glimpses of the rich cultural heritage of North Eastern India.

The scientific programme covers a wide variety of interesting topics in Cytology. It is an opportune moment to renew contacts and delve into interesting aspects of Cytology with stalwarts in the field.

‘Come travel the road less travelled’

Organizing Committee

Registration details

Delegate	Early Bird (upto 15th April)	Upto 15th July	Upto 15th Oct	Spot Registra- tion	Workshop	CME
IAC Member	4000	4500	5000	6000	1200	1200
Non IAC Member	4500	5000	5500	6500	1200	1200
PG Students	3000	3500	4000	4500	1200	1200
Associate Delegate	2500	3000	3500	4000		
Overseas Delegates	\$250	\$300	\$350	\$400	\$50	\$50

Online registration & payment through website : www.cytocon2017.in

Spot Registration for Workshop would be subject to availability

**Delegate registration for conference is mandatory to register for CME &
Workshop and for presentation of paper/poster**

SCIENTIFIC PROGRAMME

10th Nov 2017

Registration & Breakfast

8.00 am—8.30 am

Pre Conference CME : “Cytodiagnosis of lymphoid lesion : Non neoplastic and neoplastic”

Moderator : Brig. Reena Bharadwaj, AFMC, Pune

Introduction to topic and speakers, Brig Reena Bharadwaj, VSM

9.00 am—9.15 am

Approach to lymph node cytology, Dr Tanuja

9.15 am—9.45 am

Infectious lesions, Dr Shyama Jain

9.45 am—10.10 am

How to search for Mycobacteria?, Dr Dev Prasoon

10.10 am—10.25 am

Infectious lesions, Dr Sharada Rane

10.25 am—10.50 am

Tea

10.50 am—11.15 am

Reactive Lymphadenopathy, Dr Sandeep Mathur

11.15 am—11.45 am

Non Hodgkin Lymphomas, Dr Sumeet Gujral

11.45 am—12.35 pm

Lymphomas in pediatric age group, Dr Venkat Iyer

12.35 pm—1.00 pm

Contribution of Immunocytochemistry to the Diagnosis of Usual and Unusual Lymphoma Cases. Dr Dilip Das

1.00 pm—1.30 pm

Lunch

1.30 pm—2.0 pm

Flow-cytometry in lymphoma diagnosis, Dr Radhika S

2.00 pm—2.25 pm

Cytology in Metastatic lesions of lymph nodes Dr S Kane

2.25 pm—2.45 pm

Quiz: Dr Meherbano Kamal, Dr Madhumati Goel, Col Rohit Tewari

2.45 pm—3.15 pm

Brig Reena Bharadwaj Dr Manjula Jain & Gp Capt Arijit Sen

Inaugural Function Cytocon 2017

3.30 pm—4.30 pm

Inaugural High tea

4.30 pm—5.00 pm

JOC Committee Meeting

5.00 pm—5.45 pm

IAC Executive Committee Meeting

5.45 pm—6.45 pm

Faculty & Executive Dinner

7.30 pm

11th Nov 2017

Registration & Breakfast

8.00 am—8.30 am

Dr. P. N. Wahi Oration D r. Aruna Prayaga, Tirupati

8.30 am - 9.30 am

IAC Academy Oration D r. Min En Nga, Singapore

9.30 am—10.30 am

Guest Lecture D r. Chien-Chin Chen, Taiwan

10.30 am—11.30 am

“National Pap smear screening programme in Taiwan : Two decade experience”

Tea

11.30 am—11.45 am

Nalini Bai Thakkar & Jwaladevi Award Session

11.45am—1.45pm

Lunch Break

1.45 pm—2.45 pm

Free Papers : Parallel Session / Poster Session

2.45 pm—4.15 pm

IAC General Body Meeting

4.15 pm—6 pm

Banquet

7.00 pm

SCIENTIFIC PROGRAMME

12th Nov 2017

Breakfast

8.00 am—8.30 am

Ernest Fernandes slide seminar Dr. Manju Kaushal, Delhi
Dr. Subhash Kumar Gupta Memorial Lecture Dr. Dilip K. Das

8.30 am—9.30 am
9.30 am—10.30 am

Tea

10.30 am—10.45 am

Symposium :: Topic : "Trucut/core biopsy versus FNAC : Who wins the match"

Moderator Dr. Asitava Mondal, Kolkata

10.45 am—12.15 pm

Bone, soft tissue Dr. Bharat Rekhi

Pulmonary tumours Dr. Deepali Jain

Breast Dr. Indranil Chakrabarti

Thyroid, salivary glands Dr. Nalini Gupta

Pelvic tumours Dr. Asaranti Kar

Infective lesions Dr. R. G. W. Pinto

Faciomaxillary, retroperitoneum Dr. Asitava Mondal

Lunch

12.45 pm—1.45 pm

Guest Lecture Dr. Sumeet Gujral, TMH
"Flowcytometry in cytology of lymphomas"

1.45 pm—2.45 pm

Col. D. B. Nayar Award Session

2.45 pm—3.45 pm

Free Papers : Parallel Sessions / Poster Sessions
Valedictory Function

3.45 pm—5.15 pm
5.15 pm—5.45pm

13th Nov 2017

Post Conference Workshop
Registration & Breakfast

8.00 am—9.00 am

(Workshop 1 Gynec) Tutorial & Slide self viewing on Gynaec cytology: Conventional & Liquid Pap
Moderator Prof Vandana Raphael, HOD, Dept of Pathology, NEIGRIHMS

(Workshop 2 Non Gynec) Ancillary techniques
Moderator Dr. Bharat Rekhi, TMH, Mumbai

IAC FELLOWSHIP

- Applications are invited for IAC Fellowship.
- IAC Fellowship is offered to pathologists with MD in Pathology or DNB in Pathology or equivalent.
- Regarding number of fellowships, duration of fellowship, award and eligibility 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.
- From 2017 applications from cytologists in private practice will also be considered for award of fellowship

Dr. Satya Monga Award

The award is for best paper published in the field of immunocytochemistry and molecular techniques applied in cytology by an IAC member below the age of 35 years.

Last date for entry: 15.09.2017.

Criteria to be followed:

1. Publication should be within the last three years ,i.e. within 2014– 2017.
2. Publication should be in an Indexed medical journal.
3. Applicant must be the first author or the corresponding author of the published paper.
4. Applicant should submit written permission from all co-author(s) for entering the paper for this award.
5. Reprint of the paper in consideration along with proof of age should be sent before deadline to Secretary IAC, Dr Dev Prasoon, Consultant Pathologist, Dr. Prasoon's Diagnostic Centre, Bhagat Singh Chowk, Narayan Das Road, Munger 811201.

Details about the award, eligibilty and procedure are available on the IAC website www.cytoindia.com under the heading Standard Operating Procedure (SOP) >Part C - Orations, Lectures, Slide seminars, Awards>Dr. Satya Monga Award.

National Examination For Cytotechnologists And Cytotechnicians

- To be announced shortly
- Please await announcement and details on the website www.cytoindia.com

ELECTION 2017 :INDIAN ACADEMY OF CYTOLOGY

Call for Nomination for Election of Office Bearers

Nominations typed on plain sheet in the format given below are invited for the undermentioned posts. Duly filled and signed nomination form along with bio-data are to be sent by post to the following address so as to reach before due date.

Secretary IAC
Dr Dev Prasoon,
Consultant Pathologist,
Dr. Prasoon's Diagnostic Centre,
Bhagat Singh Chowk,
Narayan Das Road,
Munger 811201

1. **President Elect :**

- (a) Number of post : 1
- (b) Tenure of post : 1 year
- (c) Eligibility criteria :-
 - (i) Should be an active life member of IAC for at least 15 years.
 - (ii) Should have served at least one full term of three years as an executive committee member prior to his/her nomination.
 - (iii) Should have attended three or more GBMs in the immediate past 5 years.

2. **Treasurer:**

- (a) Number of post : 1
- (b) Tenure of post : 3 years
- (c) Eligibility criteria :-
 - i) Should be an active life member of IAC for at least 12 years.
 - ii) Should have served at least one full term of three years as an executive committee member prior to his/her nomination.
 - iii) Should have attended three or more GBMs in the immediate past 5 years.

3. **Executive Committee Member:**

- (a) Number of post : 2
- (b) Tenure of post : 3 years
- (c) Eligibility criteria :
 - (i) Should be an active life member of IAC for at least 10 years.
 - (ii) Should have attended three or more GBMs in the immediate past 5 years.

ELECTION 2017 :INDIAN ACADEMY OF CYTOLOGY

Format For Bio-Data Of Candidate

It should be under the following headings:

1. *Name of the candidate:*
2. *Duration and type of membership:*
3. *Contribution to IAC :*
4. *Contribution in the field of Cytology :*
5. *Address for Correspondence (off & res):*
6. *Telephone No : landline and mobile*
7. *E-mail id*
8. *Number of GBMs of IAC attended in immediate past 5 years:*

Date :

Signature of Candidate

Standard Format For Nomination Form

I propose the name of Dr....., having IAC membership No.....
for the post ofof IAC executive body

Name & Signature of the Proposer
IAC membership No of Proposer

I, Dr.....second the above proposal

Name, Signature of the Proposer
IAC membership No of Proposer

I, Dr.....having IAC membership no.....accept the above proposal.

Name, Signature of the Candidate
IAC membership No of candidate

ELECTION 2017 :INDIAN ACADEMY OF CYTOLOGY

Time Table For Election

<i>Receipt of nominations by Secretary's Office</i>	<i>: 15.07.17</i>
<i>Information to contestants after scrutiny</i>	<i>: 31.07.17</i>
<i>Withdrawal of nomination</i>	<i>: 14.08.17 by 1700 hours</i>
<i>Dispatch of ballot papers by post on / before</i>	<i>: 01.09.17</i>
<i>Return of ballot papers by</i>	<i>: 15.10.17</i>
<i>Scrutiny and counting</i>	<i>: 20.10.17</i>

Declaration of results will be done at the time of Annual General Body/Executive Committee Meeting to be held during 47th Annual Conference of IAC at Shillong.

Criteria For Rejection Of Application

Application form shall be rejected under the following circumstances :-

- (a) Incomplete nomination form*
- (b) Nomination form without appropriate signature*
- (c) Nomination form received after due date*
- (d) Nomination form received electronically*
- (e) One member can file nomination for only post at one time – if more than one nomination is received from a candidate then all his nominations shall be rejected.*
- (f) Life associate member and honorary members are not eligible for election/nomination for any post*

Once rejected, application from the given candidate shall not be entertained again in the same year.



International Congress of Cytology 2022 Bid

After discussions in the GBM last year, considerable input was received from the Executive Committee members and Dr. (Col) U. S. Dinesh in preparing a complete and strong bid. For entering the bid, on behalf of our Academy Dr. Dev Prason, Secretary IAC submitted the documents in June 2016. Six countries were shortlisted for the final presentation – Italy, India, Mexico, Spain, South Africa and USA. The presentation was held on 2nd October 2016 in post lunch session in the Albert Suite at Pullman Hotel during the European Congress of Cytology at Liverpool, U.K. All the shortlisted countries participated in the order detailed above.

The Indian bid was presented to the Executive Committee of International Academy of Cytology by Dr. Dev Prason, Secretary IAC. Dr. R. G. W. Pinto accompanied him into the bid room. Among the executive committee members of International Academy of Cytology who were present during our bid were President Dr. Robert Osamura, President Elect Dr. Andrew Field, Vice President Dr. John H.F. Smith, Secretary cum Treasurer Dr. Fernando Schmitt, Immediate Past President Dr. Phillip Vielh, and members Dr. Ritu Nayar, Dr. Lan Chen and Dr. Luiz Collaco. The bid was awarded to Cape Town, South Africa.



40th European Congress of Cytology, Liverpool, UK

The annual European Congress of Cytology was held from 2nd to 5th October 2016 at the BT Convention Centre (ACC) at Liverpool, U.K.

547 delegates from 40 countries participated in the congress. It had 34 cytology sessions, including free oral presentations, 24 workshops and 120 posters.

The highlight was the companion meeting on "Infectious diseases" by the Indian Academy of Cytologists. The session was moderated by Dr. R. G. W. Pinto and the speakers were Dr. Arvind Rajwanshi, Dr. Nalini Gupta, Dr. Dev Prasoon, Dr. Pranay Tanwar, Dr. Pavneet Kaur Selhi, Dr. Poonam Elhence, Dr. Ruchita Tyagi and Dr. Poojan Agrawal.



Dr. Nalini Gupta was a faculty in the Gynae cytology slide seminar and she also presented a free oral paper.

CYTOCON 2016, NAGPUR - HIGHLIGHTS

The 46th Annual conference of Indian Academy of Cytologists was held from 18-21 November 2016 in the heart of India, in the city of Nagpur. It was jointly hosted by Vidarbha Association of Pathologists and Microbiologists and Department of Pathology of all the three Medical colleges in the city namely, the Government Medical College, Indira Gandhi Government Medical College, NKPS Institute of Medical Sciences and Research Centre, Digdoh. This being the third time that the city was hosting the Conference, the organising chairperson Dr. Mrunmayee Kotwal, organising secretary Dr. Rasika Gadkari along with their team worked very hard for the success of the conference. To boost up their morale was an additional factor, the President of IAC Dr M M Kamal was from Nagpur.



On 18th Nov 2016, the scientific session began with the pre-conference CME on Role and Scope of Cytopathology in soft tissue lesions. This was organized by NKPS Institute of Medical Sciences and Research Centre. Dr Shubhada Kane and Dr Bharat Rekhi from Mumbai were the moderators of the CME. Mr. Amol Deshmukh Secretary VSPM and Dr Kajal Mitra Dean of NKPSIMS were present for the traditional lamp lighting ceremony. The speakers spoke on diagnosis of the soft tissue lesions at various sites in the body. Interesting cases were also presented on the occasion.

Later in the afternoon Inaugural Function of Cytocon 2016 took place. The Conference was inaugurated by lighting of the traditional lamp by the hands of the Chief Guest- Dr Ved Prakash Mishra, Chancellor Krishna Institute of Medical Sciences. Nearly 500 delegates from all over the country registered for the conference. Also present during the Inauguration were Senior Pathologists of Nagpur and Professors of Medical Colleges of Nagpur. Dr Mishra in his speech emphasized the need of quality in all steps while performing Cytological diagnosis. He said that the patient would benefit if clinicians and Cytologists work together.

This was followed by respective meetings of Journal of Cytology and IAC Executive committee. On the first day of the main conference, Dr (Col) Dinesh from Dharwad delivered the Dr P N Wahi Oration. He spoke on "Cytology on the Grey Zone lesions of breast" He emphasized on the need of thinking and reconsidering before signing out a report especially in cases where there is a dilemma. Think before you pink. Dr Ashish Chandra from UK was awarded the IAC Academy Oration. He spoke on Reporting terminology in Cytology – One language for all. He said that there should be uniformity in reporting terminology if we want to achieve standardization in our reporting. Many groups all over the world are working on this issues and he requested the audience to give their own inputs in this endeavour.

CYTOCON 2016, NAGPUR – HIGHLIGHTS

Guest lecture on Digital Cytology was given by Dr Roberto Dina. He spoke on this new and exciting topic where digitization of slides is done. It has many advantages he said; the main being its ability to be used by many persons all over the world. It is also useful for teaching purposes. He said that digitization would be introduced in the world of Cytopathology soon and the Cytopathologists must keep themselves abreast with this virtual world. In the proffered paper session, various 24 oral presentations and 44 e-posters were presented by Cytopathologists and Cytotechnicians from all over India. There were 6 papers for Nalini Bai Thakkar award and two papers for Jwaladevi award. This was followed by General Body meeting.

The 3rd day of the Annual Conference of IAC started with Ernest Fernandes Slide Seminar. Dr Ravi Mehrotra from New Delhi was the Speaker. The Subhash Kumari Gupta Memorial Lecture was delivered by Dr Kusum Kapila from Kuwait She spoke on "Fine Needle Aspiration Cytology : In Era of Personalized Medicine" She emphasized on the need of close cooperation between the clinician, the radiologist, the cytopathologist and the molecular biologists if we want to give personalized treatment to patients. She said that we are at par with the western world in many areas. Later on, a Symposium on Fine Needle Aspiration Cytology of Paediatric Neoplasms" was held where speakers from all over country discussed various tumors in children. Dr Radhika Srinivasan was the moderator of the symposium. Dr Moosa Khalil from Canada then gave a guest lecture on Thyroid Gland Cytology limitations of cytomorphology and role of ancillary studies. This lecture was also attended by the members of Indian Association of Thyroid Surgeons.



Two new awards were introduced for the first time this year. The Col D B Nayar Memorial Award and Dr Panna Choudhary Memorial Award. Oral papers were presented for these awards. Parallel presentation of the rest of the proffered papers and posters was followed by the valedictory function.

On the last day, two parallel Workshops took place which was well attended by the delegates. The first workshop on Cervical Cytology was organized by Government Medical College, Nagpur. Dr Meena Pangarkar was the moderator of the workshop and the hands on slide viewing session was a source of joy to all delegates. The second workshop on Effusion cytology was organized by Indira Gandhi Government Medical College and Dr Manjula Jain was the Moderator. The overwhelming response to these Workshops gave a sense of fulfilment to the organisers.

The delegates enjoyed the hospitality provided by the Nagpurians and especially the famous Oranges which the delegates could taste at the Conference venue. Showering praise on the organizers, the delegates departed to meet again in Shillong in 2017.

Pre-conference CME during Cytocon2016, Nagpur,

Dr Bharat Rekhi and Dr Shubada V. Kane from Tata Memorial Centre, Mumbai, moderated the prestigious pre-conference CME during Cytocon2016, Nagpur, held on 18th November 2016, entitled "Role and Scope of Cytopathology in Soft Tissue tumors".



The concept of the CME including diagnostic approach, classification, role of ancillary techniques and focus on Indian studies, related to cytopathology of soft tissue tumors was presented by Dr Bharat Rekhi. This was followed by detailed lectures on individual morphologic subtypes, including various soft tissue tumor entities from experts across the country, Dr Shubhada V. Kane, Dr Asitava Mondal, Dr Nalini Gupta, Dr Bharat Rekhi, Dr Sandeep Mathur and Dr N. Siddaraju.



The post-lunch session included a Potpourri of interesting cases, comprising diagnostic pitfalls and newer immunohistochemical markers in soft tissue sarcomas, presented by Dr Atul Gupta, Brig. Dr Reena Bharadwaj, Dr Ravi, Dr Madhumati Goel and Dr Asaranti Kar. The CME was well attended with a positive feedback. The delegates were able to understand the opportunities and limitations in diagnosing sarcomas on cytology specimens, especially from a clinical perspective.

Awardees For Seminars And Lectures At Cytocon

Dr. P. N. Wahi oration

Dr. (Col) U. S. Dinesh, Dharwad

IAC Academy oration

Dr. Ashish Chandra, U. K.

Dr. Subhash Kumari Gupta memorial lecture

Dr. Kusum Kapila, Kuwait

Guest lectures

Dr. Roberto Dina, U.K.

Dr. Moosa Khalil, Canada

Ernest Fernandes slide seminar

Dr. Ravi Mehrotra, NOIDA



....and the award goes to....

List of Awardees: Cytocon 2016

- (a) **Nalini Bai Thakkar Award** : Dr. Divya Aggarwal, UCMS, Delhi for paper titled "Evaluation of hTERT gene expression in cervical cytology specimens as a marker of histologic grade of cervical intraepithelial neoplasia".
- (b) **Col. D. B. Nayar Memorial Award** : Dr. Saniya Sharma, PGIMER, Chandigarh for paper titled "Cytomorphological features as predictive markers of epidermal growth factor receptor mutation status in lung adenocarcinoma".
- (c) **Dr. Panna Choudhury Memorial Award** : Dr. Neha Kawatra Madan, AIIMS, New Delhi for paper titled "Utility of conventional transbronchial needle aspiration with rapid on site evaluation (c-TBNA-ROSE) at a tertiary care centre with endobronchial ultrasound (EBUS) facility".
- (d) **Jwala Devi Award** : Ms. Neelam Prabhudesai, Tata Memorial Centre, Mumbai for paper titled "Utility of a novel cell transfer technique in cytology smears".
- (e) **Dr. Satya Monga Award** : None awarded in 2016.
- (f) **Best proffered paper** :
- Day 1 : Winner : Dr. Nupur Karnik, TMH, Mumbai :
"Cytomorphological spectrum for eyelid tumours on fine needle aspiration in tertiary cancer centre".
- Day 1 : Runner up : Dr. Sarika Singh, MAMC, New Delhi :
"Seasonal variation in semen quality: Effect of temperature – A North Indian Study".
- Day 2 : Winner : Dr. Mukta Ramadwar, TMH, Mumbai :
"Rectal and colonic brushings – How do they help?"
- Day 2 : Runner up : Dr. Jayapriya G, RCC, Thiruvananthapuram :
"Cytology of paediatric mass lesions : A tertiary care centre experience".
- (g) **Best poster** :
- 1 to 20 : Dr. Varuna Sipayya, MAMC, New Delhi :
"The utility of rapid on site evaluation in endobronchial ultrasound guided transbronchial needle aspiration in evaluation of non-neoplastic mediastinal lesions".
- 21 to 40 : Dr. Pravin Bagul, GMC, Nagpur :
"Terms and conditions – applied routinely in cervical scrape (Pap) smears".
- 41 to 63 : Dr. Manish Mani Subramaniam, National University Health System, Singapore :
"The impact of on-site touch imprint cytology on core needle biopsies of mass lesions : an audit on optimizing cytological imprints of tissue core biopsies".
- (h) **IAC Fellowship** : The following were awarded certificate and fellowship amount on completion
1. Dr. Mohini Dave – completed at GMC, Nagpur
 2. Dr. Akta Rasania – completed at PGIMER, Chandigarh
 3. Dr. Vandana Pathak – completed at PGIMER, Chandigarh
- (i) **Sushil Malhotra Prize** : For cytotechnologist standing first, with at least 70% marks, in the annual examination conducted by IAC – Mr. Sarvanan P, New Mampakkam, Tamil Nadu.
- (j) **Dr. Bhaskar Reddy Prize** : For cytotechnician standing first, with at least 70% marks, in the annual examination conducted by IAC – Mr. Krishna Prasad S, Thiruvananthapuram.

XIth Annual State Cytology Conference, 2017 (IAC, West Bengal Chapter)

The XIth Annual State Cytology Conference 2017 (IAC, West Bengal) was organized by Department of Pathology, North Bengal Medical College and West Bengal Cytology Society (IAC, West Bengal Chapter) in North Bengal Medical College on 18th and 19th February, 2017 with 2 parallel pre-conference workshops on 17th February, 2017. The workshops were -- Immunohistochemistry on Cell-blocks which was conducted in association with OSB Life Sciences and Liquid based Cytology in association with Beckton, Dickinson and Company (BD). The speaker on the LBC workshop was Prof (Dr) Nalini Gupta from PGIMER, Chandigarh.

Prof (Dr) B.K. Goswami, HOD, Dept of Pathology, North Bengal Medical College was the Organizing Chairperson and Dr. Indranil Chakrabarti, Associate Professor, Dept of Pathology, North Bengal Medical College was the Organizing Secretary.

The CME and Conference was attended by more than 150 delegates from across the country with representations from Nepal and Bangladesh also. The prestigious Brigadier (Dr) M.M. Roy Memorial Oration 2017 was delivered by Prof (Dr) Aruna Kumari Prayaga, IAC President 2017. Other renowned speakers included Dr Asitava Mondal, Kolkata, Dr Shubhada Kane, TMH , Mumbai, Prof (Dr) Venkateswaran K Iyer, AIIMS, New Delhi , Prof (Dr) Nalini Gupta , PGIMER, Chandigarh, Prof (Dr) Amita Giri, Prof (Dr) S.K. Sinha and Prof (Dr) BK Goswami.

Dr. Md. Zillur Rahman, Chittagong Medical College and Secretary-General SAARC Academy of Cytopathology and Histopathology was the invited International faculty who also released his book "Pathology Tutorial" in India for Undergraduate students of Pathology. The topics covered in the academic feast included salivary gland tumors, uncommon tumors of breast, update on lung tumors and role of respiratory cytology, thyroid cytology, liquid based cytology and various innovative cytotechniques. A quiz session for residents was conducted by Dr Indranil Chakrabarti . There were award papers, free papers and poster presentations in which delegates from all corners of the country participated.

Prof (Dr) Manoj Choudhuri , HOD, Department of Pathology, IPGIMER and SSKM Hospital was felicitated by Prof (Dr) Sabitri Sanyal, Prof (Dr) Anjali Dasgupta, President WBCS and Dr Palash Mandal, Secretary, WBCS. The Executive committee meeting was held which had decided the new office bearers—Prof(Dr) Anjali Dasgupta would continue her tenure as President of West Bengal Cytology Society, Prof(Dr) B. K Goswami will be the Vice-President, Prof (Dr) Sarbani Chattopadhyay and Dr Indranil Chakrabarti will serve as the Secretary and Joint Secretary of West Bengal Cytology Society, respectively.

The 3-day academic program was a grand success which ended with fond memories as well as fruitful exchange of knowledge and ideas.

Indian Academy of Cytologists-UP Chapter

The General Body Meeting of the Indian Academy of Cytologists-UP Chapter was held on 10th September 2016 in the Auditorium of BRD Medical College, Gorakhpur during the 4th Annual Meeting of the Indian Academy of Cytologists-UP Chapter (UPCYTOCON 2016). The meeting started at 4:15pm and was chaired by Prof. Nuzhat Husain, President, Indian Academy of Cytologists-UP Chapter.

The meeting was attended by members of the executive committee, who had earlier met and modified the bye laws of the association for final approval of GB, other faculty colleagues and attending delegates.

Dr Dev Prasoon, Secretary, Indian Academy of Cytology attended the executive meeting and GBM as a special invitee who made his valuable inputs in framing of the UP Chapter Bye laws. About 60 delegates and all members attended the General body meeting.

Prof. Nuzhat Husain started the meeting by congratulating the organizing chairperson, Prof. RK Misra and the organizing team of 'UPCYTOCON 2016' for the grand success of the academic event.

Following Agenda were discussed:

- 1. Approval of Byelaws for registering the Society*
- 2. Venue for next annual meeting of the society*
- 3. Office Bearers of the society*
- 4. Funds for oration*

Prof. Vinita Agrawal welcomed the delegates and congratulated the organizing team of UPCYTOCON 2016 for conducting an excellent meeting. She informed the members that a society by the name of 'Indian Academy of Cytologists-UP Chapter' would be registered at Lucknow as a non-profit, non-government, non-religious, society with its area of operation in the State of Uttar Pradesh, with the following objectives:

- 1. To promote advancement, research, education and training in Cytopathology and allied subjects.*
- 2. To promote skill development in cytology for cytopathologists and cytotechnicians.*
- 3. To collaborate and cooperate with other organizations of similar interest, inside and outside the country, for advancement of knowledge, research and training and improved health care for patients.*
- 4. To promote and assist in quality assurance and ethical practice of Diagnostic Cytopathology and research*
- 5. To promote, run, manage schemes funded by Central and State Governments, various Government Departments, Agencies, Non-Government Organizations, World Bank and other agencies working in various social sectors related to the specialty of cytopathology.*
- 6. To participate in, run and manage various cancer related health development programs as per the state and country's needs.*
- 7. To provide charitable consultation and educational services related to cytopathology.*

Pyaar hua ikraar hua ...

Dear Friends,

I have an interesting story to share with you all. This is what happened in Yokohama when we were there attending International Cytology Congress 2016. After the evening session got over, we-delegates staying at Hotel Plumm were heading back. Dr.Manjula Jain suggested that we take the Ferris Wheel for a good view of the night-lights of Yokohama which we all did and thoroughly enjoyed the experience. So with a song on our lips after a nice satisfying day we started walking back to our hotel. It had started to drizzle a bit and there was a moderately strong wind. We turned and were crossing the bridge over the river in Yokohama. Those of us with umbrellas promptly opened them. Dr.Manjula also opened hers and the Jains were under one umbrella. Uma Handa and I were right behind them. Suddenly lo and behold we spot a "flying object"- it was an upturned umbrella which glided ever so smoothly in the air for a good couple of minutes before it made a perfect landing onto the river and merrily started sailing. No prizes for guessing- it was the Jains' umbrella. Apparently the umbrella was exchanging hands and in a second had flown away! So we all started saying goodbye when Dr.Manjula said that this was 'No umbrella from Purana dilli' costing a few hundred bucks, but something that she had just bought in Japan – a PURE Japanese umbrella for 6000YEN (Rs.5000/= approximately). It then turned to "Mission Chattri", the charge lead by none other than Gen.Jains! We were the foot soldiers behind them. By then a cruise boat passed close to the umbrella. We all screamed Chattri, Chattri- to no avail.



The waves created however had pushed the umbrella to the edge or the river bank and alongside this was the famous Yokohama Hotel. It stood still along the banks close to the pier and we all went down in its pursuit. There was just one young Japanese boy, possibly a Hotel attendant and we all pointed the chattri to him and spoken in broken English to make him understand that this was ours. However, to access it, one had to open the hotel's pier gates which were locked. The young boy smiled, ran up to the hotel, brought with him one more person who then opened the pier lock. He then did not allow us to venture there but instead, went there himself stretched himself over the banks and with the help of another umbrellas hooked hold, slowly dragged our umbrella and lo and behold united the Jains with the world's most precious umbrella. We thanked the young Japanese boy and his friend immensely and bowed to them which conveys utmost regard. They refused to be tipped which speaks volumes of the Japanese hospitality and goodness. The night ended with the Jains romantically posing beneath the precious umbrella ala" Pyaar hua ikraar hua"

CYTOLOGY at APCON 2016

Cytology had its presence at APCON in the form of the Pre-conference CME on Fluid Cytology and CME on Infections in female genital tract held at Jaipur from 30.11.16 to 4.12.16.

CME had faculty including Dr Asitava Mondal, Dr Nalini Gupta and Dr Simi Bhatia



International CME in Pathology, Histopathology and Cytopathology, Goa 2016

International CME in Pathology , Histopathology and Cytopathology was organised in Goa ,India on 2,3,4 February 2017 by the CME in Pathology supported by the Indian Academy of Cytologists ,Goa and the International Academy of Cytology. Dr RG Wiseman Pinto Chaired and coordinated the Scientific session.

The Faculty:

- *Dr Anais Malpica, Professor of Pathology, University of Texas, MD Anderson Cancer Center, Houston, Texas, USA*
- *Dr Jerzy Klijanienko, Professor and Head, Tumor Biology Department, Department of Pathology, Curie Institute, Paris, France*
- *Dr Bernard Majak, Head of Cytology Division. Telemark Hospital, Skein, Norway*
- *Dr Ruth Katz, Professor of Pathology, University of Texas, MD Anderson Cancer Center, Houston, Texas, USA*
- *Dr Laszlo Vass, Chief Pathologist and Cytopathologist, MD Ltd Flor Ferenc University Hospital, Pest County, Budapest, Hungary*
- *Dr Sinchita Roy Chowdhuri, Assistant Professor of Pathology, University of Texas, MD Anderson Cancer Center Houston, Texas, USA*
- *Dr Anita Borges, Head of Surgical Pathology Asian Institute of Oncology, SL Raheja Hospital Mumbai and Director Center for Excellence in Histopathology, Piramal Diagnostic Services Mumbai*
- *Dr Kavita Mardi, Professor of Pathology, Indira Gandhi Medical College Shimla, HP*

The topics covered were Gynecological Pathology, LBC, Pediatric Tumors, Soft Tissue Tumors, Lymphomas, Lymphoproliferations, Urinary Bladder Cancers, NGS (Next Generation Sequencing), Breast Cancer, GIT Polyps, Malignant Melonoma and Slide Seminars

260 Proferred Oral Papers and Posters were presented Goa Medical Council gave CME accreditation with 12 CME credit hours (points). Delegates from USA, UK, France, Australia, Hungary, Norway, Srilanka and from 23 states of India attended the CME



International CME in Pathology, Histopathology and Cytopathology, Goa 2016



55th Annual Autumn Conference of the Japanese Society of Clinical Cytology at Beppu, Oita, Japan



Dr RG Wiseman Pinto was invited as a Faculty for the 55th Annual Autumn Conference of the Japanese Society of Clinical Cytology at Beppu, Oita, Japan, On 18 and 19 November 2016.

He spoke on the Global Asia Forum on the topic OSG and CT guided FNAC.

3000 delegates attended this Conference

JOURNAL OF CYTOLOGY: UPDATES FROM THE EDITORIAL OFFICE

As per the decision taken during GBM held during the recently organised CYTOCON-2016 at Nagpur in Nov 2016, with effect from Jan-Mar 2017 issue, Journal of Cytology will be available as an e-Journal on the journal website : www.jcytol.org. However, **it will be considered as a print journal** where print copies will be made available only for the subscribers (i.e. institutional libraries), indexing agencies, corresponding authors whose articles have been published in the particular issue, and advertising agencies. Members of IAC can download the articles free of cost from the journal website : www.jcytol.org, and will NOT be receiving print copies. Any member desirous of receiving print copies of the journal must inform the Editor-in-Chief, NOT less than 2 months before the due date of publication of an issue, viz. For Jul-Sep 2017 issue the demand has to reach by 01 May 2017.

As of date a large number of case reports are available with the Editorial office that are in various stages of publication. Members may kindly note that the link for submitting case reports has been deactivated. They are **requested NOT to send case reports** under the link of original articles, letters to the editor or under any other type. The journal expects to reactivate the link for receiving case report in the near future.

Members may note that the articles for consideration of publication in JOC often get delayed due to some minor technical issues. They are requested to kindly read the instructions for authors for submitting articles (<http://www.jcytol.org/contributors.asp>) very carefully and strictly adhere to the same. Following are the common errors observed during technical review, which needs to be avoided while preparing / submitting the article:

- **Title Page / First Page** should include all the details given in the instructions for the contributors. Do not forget to provide a short title/running title. Running title or short title should not be more than 50 characters.
- The text of **articles should be divided into sections** with the headings: Abstract, Key-words, Introduction, Materials and Methods, Results, Discussion, References, Tables and Figure legends.
- **Do not use all capital or underlined letters for headings.**
- **Article should be formatted for A4 size page, with 1 inch margin all around. Times New Roman font, size 12 with double space** should be used to write the article.
- **Abstract** : Should be structured for original articles with following headings: Background, Aims, Methods and Material, Results and Conclusions. It should be limited to 250 words for original article. Do not include references in abstract. Three to eight appropriate key words should be provided below abstract preferably from MeSH terms provided by National Library of Medicine.

JOURNAL OF CYTOLOGY: UPDATES FROM THE EDITORIAL OFFICE

- **Word limit for manuscripts:**
 - *Original article* : Restrict the structured abstract to 250 words and manuscript to about 3000 words (excluding the 30 references).
 - *Images in Cytopathology* : Restrict the manuscript to about 800 words (excluding about 6 references).
 - *Review article* : Restrict the abstract to 250 words and manuscript to about 4000 words (excluding the 90 references).
 - *Letter to the Editor*: Should be short, decisive observation. They should not be preliminary observations that need a later paper for validation. Restrict the manuscript to 500 words (excluding the 5 references).
- Do NOT include the names of the institutions or any other such **information which can reveal the identity of the contributors.**
- The **full form of abbreviations** should be provided at the time of first use, thereafter use the abbreviation and this applies separately for article title, abstract, key words and text.
- **Citing references in the text :**
 - Should be numbered consecutively in the order in which they are first mentioned in the text and NOT in alphabetic order.
 - The references cited in the text should be in Arabic numerals in **superscript with square bracket AFTER the punctuation marks.**
 - References cited in text should be written as "Gautam et al" and **NOT as "Gautam H et al"**.
 - **Reference section :**
 - List the **first six** contributors followed by et al
 - DO NOT use full stops after abbreviated name of journals. Like "J Cytol" is correct and NOT "J. Cytol."
 - DO NOT use full stops between name of journal and year of publication. Like "J Cytol 2008" is correct while "J Cytol. 2008" is incorrect.
 - DO NOT insert month of publication. Like "J Cytol 2015" is correct, while "J Cytol Jan 2015" is INCORRECT.
 - DO NOT use issue number. Like "J Cytol 2003;25:38-43" is correct, while "J Cytol 2003;25(3):28-43" is INCORRECT
 - Use authorised abbreviated form of the journal (check from journal website or from Pubmed). Like "Journal of Cytology" should be written as "J Cytol"
 - Write abbreviated names of authors. Like "Cooper DS" is correct while "David S. Cooper" or "Cooper D.S." or "D.S. Cooper" is incorrect
- **Tables**
 - Should be provided at the end of the text **AFTER** references.
 - Should be self-sufficient with a complete title.
 - All the abbreviations should be spelt in the footer of table.
 - **Each table should start at a new page.** In case the table is large, smaller font size and single line spacing may be used so that it can be adjusted in a single page.

JOURNAL OF CYTOLOGY: UPDATES FROM THE EDITORIAL OFFICE

- **Figures :**
 - *Images should be uploaded through image link in JPEG, TIFF, BMP, or GIF format. JPEG is most preferred format.*
 - *Please ensure that the image has **minimum resolution of 300 dpi or 1024 x 780 pixels.***
 - *Do not forget to state the stain and magnification for each figure in the legend to images.*
 - *Figure legends should also be provided at the end of the text AFTER references.*
 - *Restrict the number of figures/tables combined to a maximum of six for original article. Conventionally one table or figure is allowed per 500-600 words.*
 - *Photographs entail publication charges.*
- **Copyright form :**
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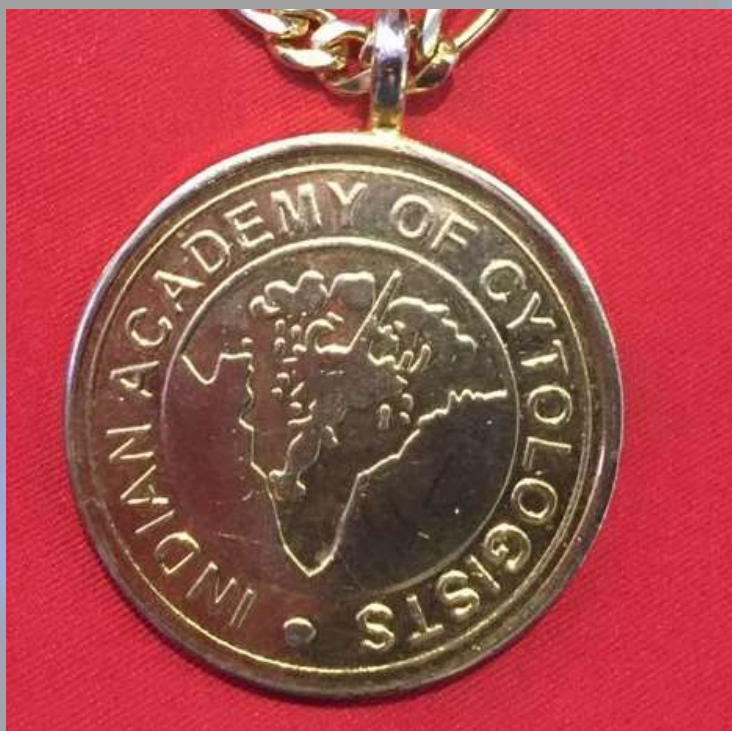
Thanking all the contributors for your precious articles and reviewers for your time and valuable inputs. All queries / feedback / suggestions are welcome at debprabal@gmail.com / 9868169645.



THE NEW ORNAMENT OF THE PRESIDENT



President's Gold Medal has been redesigned with the Indian Academy of Cytology Logo on one side and 'President' and Founding Year of the Academy inscribed on the other side. The weight of the medal was kept the same with the silver chain. This is a gold plated silver medal.



HISTORY & PERSONALITIES

“His monumental contribution proved that cancer can be beaten... the Papanicolaou screening test will remain one of the most powerful weapons against this disease. Those of us who looked upon him as a guiding star will always owe him our gratitude, and those women who were helped by his test owe him their lives.”

-Vilos GA, 1998

From this edition of newsletter, we bring to you stories of personalities or events in cytology which helped shape this wonderful multi-faceted science. It is fittingly nonetheless to remember and celebrate the most important contributor to the field of cytology – Dr George Papanicolaou.



In 1913, with no knowledge of English and a little more than 250 dollars, Papanicolaou emigrated to United States America in search of career opportunities. Arriving with little money and no arrangements for employment, both Papanicolaou and his wife were forced to take any job that they could get. Mary worked at a department store as a seamstress and Papanicolaou was a rug salesman at the same store, but he lasted only one day. He subsequently took other jobs: violin player in a restaurant and clerk at a Greek newspaper. In 1914, he finally obtained a position at New York University's Pathology Department and Cornell University Medical College's Anatomy Department.

*Papanicolaou's most important discovery was initiated while studying guinea pigs. He deduced that reproductive cycles in the animals could be timed by examining smears of their vaginal secretions. From 1920, he began to focus on the cytopathology of the human reproductive system. He was thrilled when he was able to discern differences between the cytology of normal and malignant cervical cells upon a simple viewing of swabs smeared on microscopic slides. His initial publication of the finding in 1928 went largely unnoticed. However, the landmark book in 1943 authored with Dr Herbert Traut, a gynaecological pathologist, titled *Diagnosis of Uterine Cancer by the Vaginal Smear* brought him the recognition. It described physiological changes of the menstrual cycle and the influence of hormones and malignancy on vaginal cytology. Importantly, it showed that normal and abnormal smears taken from the vagina and cervix could be viewed under the microscope and be correctly classified. The simple procedure, now famously known as the Pap smear or test, quickly became the gold standard in screening for cervical cancer. As it cost little, was easy to perform and could be interpreted accurately, the Pap smear found widespread use and resulted in a significant decline in the incidence of cervical cancer.*

JOINING THE FLOCK

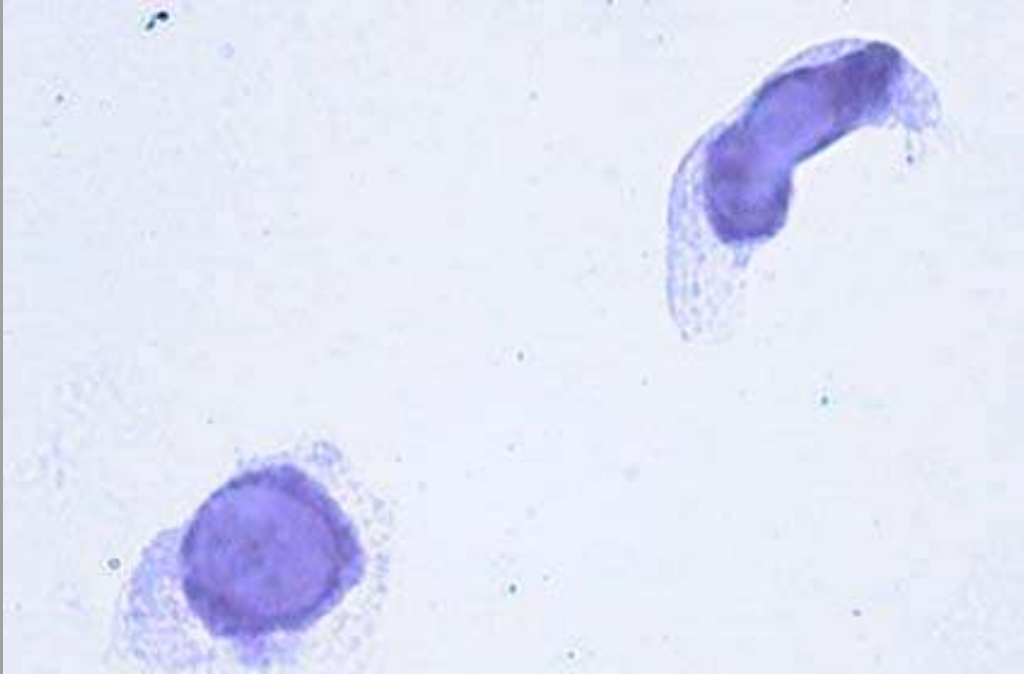
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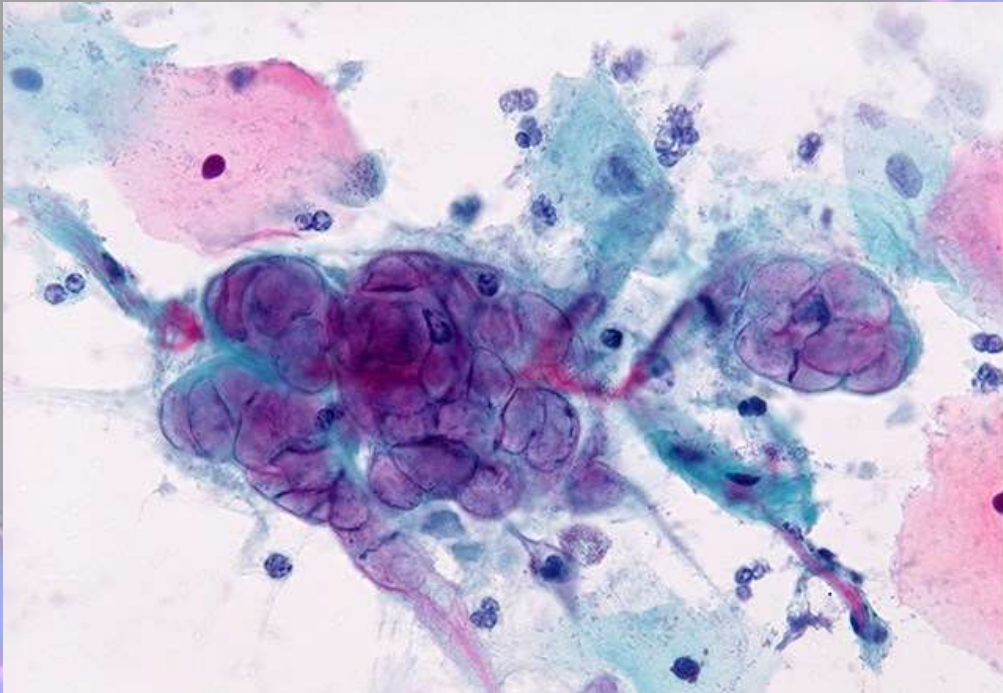
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QUIZZZZ TIME

Identify the lesions from the microphotographs given below.



Urine cytology in a renal transplant case



Cervical Pap smear from a 27 year old lady

*Polyoma virus – Decoy cells
Herpes Simplex – Multinucleated giant cells*