



NEWSLETTER

Vol. IV No. 1

Jan. / June 1979.

Message



I am extremely grateful to all the Members of the Academy for bestowing this signal honour on me by electing me as a President for the year 1979. Every one of us now realise the significance of early diagnosis of cancer, so that many lives can be saved and they can live comfortably for good number of years, if cancer is detected early and treated promptly. For this, many detection centres have to be established in various parts of the country and for establishing detection centres, we need Cyto-Technicians and Doctors. For this, training of personnel in Cytology is very essential. I think our Association can do this and I would request our Members to devote more time for establishing such centres and also involve themselves in mass screening of the general public and by all means go into the rural areas to do this work, as 80% of the population come from village. My motto for this year will be "EARLY DIAGNOSIS OF CANCER BY CYTOLOGY AND CARRY THIS MESSAGE TO RURAL AREAS."

D. BHASKARA REDDY
President.

Indian Academy of Cytologists

Dr. D. Bhaskara Reddy, brings to his new appointment a wealth of 22 years of experience as a Professor of Pathology, Principal of Medical Colleges & able administrator of various Universities.

Amongst all the important assignments he has held, mention must be made of his Membership of the Syndicate, Senate & Academic Council of Sri. Venkateswara University for the last 6 years.

Earlier he devoted his energies to developing the 2 Medical Colleges, one at Guntur and the other at Kurnool during his tenure as Principal. He is mainly responsible for inculcating high sense of discipline in the Student Community.

In his current appointment as Director of Medical Education & Administration of Andhra Pradesh, he has furthered the cause of Cytology, his special interest. By a very interesting talk illustrated with beautiful slides of the countryside of Andhra Pradesh, he showed us in Madras how he has introduced Cytology smear taking by A.N.M. of Primary Health

Centres. Moreover, he has carried Laboratory Medicine to the rural people by improving the District Laboratories. We certainly wish him luck in this new venture and hope that others will emulate the same experiment.

It will be a great source of encouragement to our junior members to know that our President has to his credit 231 scientific papers published in both Indian & Foreign Journals.

He is a fellow of the Indian Academy of Medical Sciences, Fellow of American College of Pathologists and Fellow of the Royal College of Pathologists, Great Britain. Last year he was elected as the President of the Indian Association of Pathologists & Microbiologists. An impressive list, no doubt!

However, if you ask me what has impressed me about our President, I can say quite definitely, it is his sense of humour. So much so that during his term of office I expect the working of our Academy to be delightfully cheerful.

The following were elected as office bearers of the council for 1979 :

President

Dr. B. Bhaskara Reddy, Hyderabad

Secretary

Dr. Kamla Chandra, Delhi.

Treasurer

Dr. P. V. Mehta, Bombay.

Members

Dr. U. Saraiya, Bombay
Dr. J. Roychowdhury, Calcutta
Dr. K. D. Virkar, Bombay
Dr. J. N. Monga, Gwalior
Dr. P. V. Mehta, Bombay
Dr. S. Amin, Baroda
Dr. P. N. Wahi, Ex-officio member
(Emeritus President)

Editor of the Newsletter

Dr. U. Saraiya, Bombay

Delegates to UICC (1979-82)

Dr. Krishnamurthi, Madras
Dr. V. Shanta, Madras

*Delegate to the board of
International Academy of Cytology*

Dr. U. Luthra, Delhi

It is regretted that due to an oversight the name of Dr. P. V. Mehta was not included in the list of Council Members in the last issue. Dr. P. V. Mehta was elected as Member at Calcutta for 1978.

Editorial

Dear Readers,

Have you been wondering why the Newsletter is not yet in your hands? Well if you have, I am delighted, for it means you have got into the habit of reading the Newsletter.

I believe that it is more important to have news worth publishing rather than to keep to a time schedule. Hence, I would like all of you to note that the first issue will reach you sometime before June and the 2nd issue before December.

Another year has come and gone and we are steadily moving ahead. Much of the credit must go to the various Past Presidents & Secretaries who have so diligently worked for the Academy. Those who have shaped the policies and guided the destiny in the first few years of the life of any organisation always have a special place in its history. On behalf of all our readers I shall take this opportunity to express our gratitude to Dr. Luthra & Dr. Aikat who have recently handed over their charge to the newly appointed team.

This year I feel will be a turning point for our Academy. There are many reasons for this feeling First

of all we have a new team to head our organisation. If you know of their bio-data you will realise that they are very dynamic individuals. I am sure they will bring laurels to this organisation whose affairs they will now be steering. Let us all wish them good luck in their endeavours.

Secondly, after seven years of existence, we have had some second thoughts about our Constitution. Some Members had suggested some changes and very rightly so. Accordingly a Committee has been formed to go through the Rules & Regulations and frame new ones. The convenor of this committee is our Secretary.

All members are earnestly requested to go carefully through the Rules & Regulations published in the previous issue and if they want any changes write to the Secretary. Please attend to this right away. It is easy to effect changes altogether in one stage, afterwards it may be very difficult.

With the I.A.C. becoming a full member of U.I.C.C., many opportunities have been thrown open to our Members. I hope they will utilise these avenues for furthering the cause of cancer control. In this issue we are publishing the details of some of the Grants offered by U.I.C.C. More details can be had by writing directly to U.I.C.C.

This year we shall meet in Baroda.

In the idyllic atmosphere of Fisherman's Cove in Madras last year, many of us thought of our near and dear ones left behind. Although it was vacation time for school, very few members had come with their families. This year I do hope that situation is remedied and we get to know the families of our Members.

Finally, my friends, I renew my earlier request to you to contribute to this publication. If you have any news, or views or comments that you would like to share with other Members please feel free to write it down and send it to me for publication. Let this be your publication, and let your voice be heard.

Sincerely,
Usha Saraiya.

The Academy Congratulates

Jayasree Roychowdhury on being elected President of the Medical & Veterinary Sciences of the 67th Session of the Indian Science Congress for the year 1979-80.

Dr. Tarun Bannerjee on being elected President of the Federations of Obstetric & Gynaecological Societies of India. Dr. Bannerjee will be installed as President at the Annual Conference to be held in Bangalore in December, 1979.

IAC News

UICC Membership :

Indian Academy of Cytologists has become a full member of this International organisation.

Training Fellowships :

1. G. Shanta Kumari, Medical College, Trivandrum is awarded cytotechnologist fellowship of Indian Academy of Cytologists. She will have her training under supervision of Dr. M. Aikat, P.G.I., Chandigarh.
2. C. Chowdappa, J. J. Medical College, Devangere is awarded cytotechnician fellowship of Indian Academy of Cytologists. He will have his training under Dr. U. K. Luthra, I.R.P., New Delhi.
3. V. K. Nayak, Medical College, Cuttack, is awarded Sohan Lal Cytotechnician fellowship. He will have his training under Dr. M. Aikat at P.G.I., Chandigarh.
4. Miss G. H. Ram Chandra, Grant Medical College, Bombay, is awarded Jwala Devi Cytotechnician fellowship and will have her training at I.R.R. Bombay.

*List of New Members :—

1. Dr. Padam Agarwal,
Reader in Pathology,
K. G. Medical College,
Lucknow.

2. Dr. M. Samarendra Singh,
Sagolband Meino Leirak,
Imphal-795001.
3. Dr. V. L. Bhargava,
Deptt. of Obst. & Gynaec.,
A.I.I.M.S., New Delhi.
4. Dr. A. C. Mehta,
Hospital for Women,
6—A, 2nd Dadyseth Road,
Near Babulnath Market,
Bombay 400 007.
5. Dr. Nalini Venugopal,
Deptt. of Pathology,
Kasturba Medical College,
Manipal—576119,
Karnataka,

* Kindly correct the name published in Vol. III, No. 2 as Mazumdar Amma Prasad. It should be "Dr. Amiya Prasad Mazumdar."

Zonal workshops :

Three zonal workshops were conducted in 1978 :

1. Hyderabad—organized by Dr. B. Reddy. It was of 5 days and was attended by a large number of Pathologists Gynaecologists and Technicians of entire Andhra Pradesh.

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2. I.R.R. Bombay—organized by Dr. K. D. Virkar. This was of 6 days and was for cytotechnicians.
3. P.G.I., Chandigarh—organized by Dr. M. Aikat. This was of 4 days and was for experienced cytotechnologists.

Donation received in 1978 :

- 1) Rs. 3000/- from Dr. U. Saraiya, Bombay for Nalini Bai Thakar prize.
- 2) Rs. 1128/- from Dr. B. Lahiri, Agra.
- 3) Rs. 1000/- Shri Nand Lal Bhatt, Delhi.

Membership of the following is cancelled (non payment of annual subscriptions from 5 to 8 years) :

1. Dr. I. M. Gupta
2. Dr. Dinker Chandra
3. Dr. K. K. Durgamma
4. Dr. A. Malathy
5. Dr. B. N. Joshi
6. Dr. B. Panesar
7. Dr. K. V. Gharpure
8. Dr. C. K. Rajani
9. Dr. Satyavathi Roy
10. Dr. R. Khambatta
11. Dr. S. N. Saxena
12. Dr. Kameshwari Devi
13. Dr. M. K. Sandozi
14. Dr. V. P. Mittal
15. Dr. R. K. Tandon
16. Dr. A. Das
17. Dr. Kamala Rani
18. Dr. Rajni S. Deshpande
19. Dr. Subhash Bhargava
20. Dr. T. Roychowdhury
21. Dr. R. V. Aggarwal
22. Dr. R. Gupta

In case they would like to be members again, they should re-apply.

Report of the Chair-person of the committee for accreditation and examination.

*Please ask Dr. U. K. Luthra.

Next Conference :

At Baroda by kind invitation of Dr. S. Amin.

Announcement :

1. Annual fees are increased to Rs. 30/- from Rs. 20/-.
2. Life membership is increased to Rs. 300/- from Rs. 200/-.
3. Suggestions for strengthening the finance of Academy to be sent to the Treasurer.
4. Cytotechnician training at Cancer Institute, Madras.

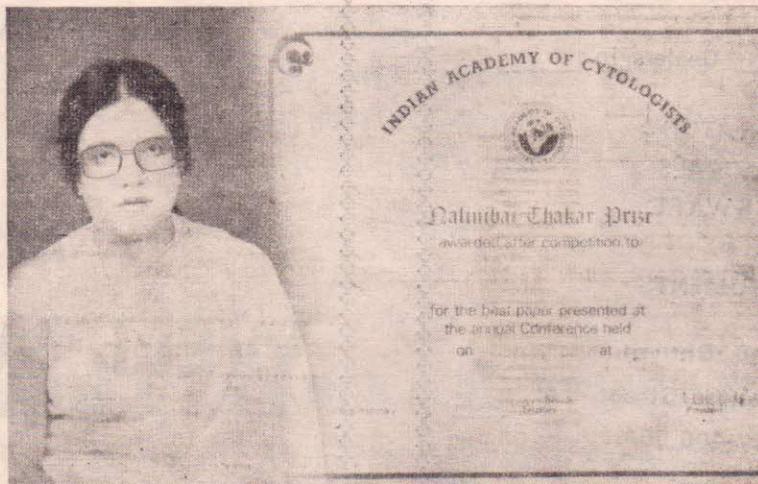
Candidate : One

Terms :

- i) Fellowship of Rs. 300/- p.m. It is for 9-12 months.
- ii) Graduate with basic experience in microscopy.
- iii) Must not draw deputation salary (not applied to those who are drawing their normal salary).
- iv) Girl will get dormitory accommodation. Men will not be given any accommodation.
- v) Good working knowledge of English.

Nalinibai Thakar Prize :

The prize for the best paper at 1978 Annual Conference was awarded to Dr. Maya Lulla, Research Officer at Cytology Clinic (A.M.W.I.) Cama & Albles Hospital, Bombay. She presented a paper on "Socio-economic profiles of dysplasia patients."



Cytology Session at Tirupati Conference

Tirupati, the holy city famous for the temples of Sri Venkateshwara was the site for the Conference of the Andhra Pradesh Chapter of The Indian Association of Pathologists & Microbiologists in October '78.

I, as the head of the local Reception Committee, had invited all Pathologists & Microbiologists of the States of Tamilnadu, Kerala, Karnataka and Pondicherry. Ninety-six delegates attended the conference. The meeting was inaugurated by Dr. D. Bhaskara Reddy, President of I.A.P.M. and Addl. Director of Medical & Health Services, Andhra Pradesh, Hyderabad.

The organising committee arranged three guest lectures representing all branches of Association.

The first session was on Cytology, in keeping with the aim of Andhra Pradesh Government of making Pap Smear Test available to all women in urban as well as rural surroundings.

Dr. Usha Saraiya, Obstetrician & Gynaecologist and Honorary Cytologist from Cama &



Dr. Baskara Reddy inaugurating the Tirupati Conference.

Albless Hospital, Bombay gave an illuminating lecture on problems in Cyto diagnosis & Management. She also conducted a diagnostic Cytology seminar on Cytology. It was really thrilling to see her beautiful Slides. There was active participation from the delegates which led to a lively discussion on each case.

Prof. R. Ananthanarayan of Trivandrum extensively discussed Advances in the knowledge of Rabies & Allied viruses. His lecture reflected not only his erudition but his keen sense of humour.

Dr. C.R.R.M. Reddy, Professor of Pathology & Director, Upgraded Institute of Basic Medical Sciences Visakhapatnam gave a lecture on Epidemiological aspects of Cancer. He, too, has a priceless collection of slides on the effect of smoking on oral cancer.

Apart from the Guest lectures there were 4 scientific sessions for proffered papers. Out of 48 papers received 37 were read and discussed.

(What the delegates enjoyed most and considered the highlight of the social events, was an evening drive along the winding roads of the seven Tirumalai Hills, chasing the sunset and reaching the top for an overpowering and memorable "Darshan" of The Lord in his pristine glory.—Editor)

C. Syamala Bhaskaran

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Report of VIII Annual Meeting of the Indian Academy of Cytologists

By

Dr. Meera Aikat,
Secretary-cum-Treasurer,
P.G.I., Chandigarh.

The VIII Annual Meeting of the Indian Academy of Cytologists was held on 23rd and 24th of December, 1978 at Hotel Sudershan International, Madras. It was attended by a large number of members from all over India. The Conference was inaugurated by Prof. P. N. Wahi, the Ex-Director General I.C.M.R. and past President of this Academy. The scientific programme consisted of:

- 1) Seminar I "Role of Cytology in evaluating radio and chemotherapy."
- 2) Panel Discussion "Carcinogenesis"
- 3) Seminar II "Cytology in Infertility"
Seminar by Dr. M. S. Sukumaran
- 4) Diagnostic Cytology Session I
- 5) Proffered papers Session II
Session III

The Academy oration was delivered by Dr. Jayasree Roy Choudhury. The subject was "Role

of macromolecules in growth—Differentiation and De-differentiation in cervical epithelium". There were number of good and original scientific papers. It was gratifying to see all round improvement in the presentations. It was a real joy to see the keen interest of our younger members in Cytology.

We were very happy to have as the guest speaker Dr. Chandra Grubb, Joint Director of Cytology, Royal Free and University, College Hospitals, London. She spoke on "Fine Needle Aspiration Cytology of breast lumps, solid and cystic".

The social activity was high-lighted by a visit to Mahabalipuram with its beautiful temples on sea shore and then to famous Fisherman's Cove where a sumptuous dinner was served by courtesy of India Cements.

We are grateful to Dr. Krishnamurthi, Dr. V. Shanta, Dr. Sukumaran and their entire staff for the excellent hospitality and their perfect arrangement. Perhaps this was one of our best annual conferences we ever had.

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Abstract of The Academy Oration delivered by Dr. Jayasree Roy Choudhary at Madras Conference in December 1978.

MACROMOLECULES IN GROWTH DEFFERENTIATION & DEDIFFERENTIATION IN CERVICAL EPITHELIUM

An extensive study of various biopolymers in the vaginal exfoliated cells under different physiological and pathological conditions have been reported. The different physiological condition of known hormonal influences include the different phases of menstrual cycle, different phases of the reproductive cycle including labour and different period after cessation of ovarian activity. Certain abnormal conditions of disturbed pregnancy at different trimesters indicating definite departure from normal hormonal levels have also been presented for comparative evaluation. Malignant lesions of the cervix arising under different hormonal status have been studied with respect to their corresponding normal controls.

The different macromolecules investigated were glycogen, mucopoly-saccharides, lipids and a series of enzymes which include succinate dehydrogenase, adenosine triphosphatase, glucose-6-phosphatase acid and alkaline phosphatase. The results reveal increase of glycogen as well as fine lipid granules as a result of estrogenic influence. Progesterone influence is characterised by the increase of acid mucopolysaccharides and coarse lipid granules, succinate dehydrogenase activity as well as acid phosphatase activity. Alterations of the activity of certain biopolymers are witnessed with the development of neoplasia. Concomitant with the decrease of macrocolecules like glycogen, mucopolysaccharides adenosine triphosphatase and glucose-6-phosphatase there is a simultaneous increase in the activities of others like succinate dehydrogenase. The results also indicate that hormonal status very often modify the enzymate activity in neoplastic tissues which is evident from the differences in the macromolecules and enzymes in exfoliated cells of neoplastic conditions arising under pre- and post-menopausal conditions.



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Eleanor Roosevelt

International Cancer Fellowships

1978 / 1979

The International Union Against Cancer, with the funds provided by the American Cancer Society, will award fellowships for **research on cancer**.

The awards will be granted to experienced investigators who have demonstrated their ability for independent research and who wish to broaden their experience by a period of study at a single institution in another country.

Fellowships will be granted only to persons on the staff of universities, teaching hospitals, research laboratories or similar institutions.

Awards will be made to investigators who are devoting themselves either to the **experimental** or the **clinical** aspects of cancer research.

Fellowships will not be granted to persons who wish primarily to perfect their training in methods of cancer detection or in therapeutic techniques, or who wish to visit briefly several institutions abroad. The duration of the fellowships ordinarily will be one year but this period may be longer or shorter in special circumstances.

The stipend will be based on the current salary of the applicant and the salary of comparable qualifications in the place where the applicant expects to study.

An allowance will be made for the cost of travel of the fellow and of those dependants who will accompany him from his place of residence to the institution where he will work, and return.

Deadline for receiving applications and supporting documents: 1 October. Successful applicants may begin their Fellowship at any time during the twelve months' period beginning 1 June.

Application forms and additional information may be obtained from:

International Union Against Cancer

rue du Conseil-General, 3
1205 Geneve
Suisse.

The Yamagiwa - Yoshida Memorial International Cancer Study Grants

The Yamagiwa-Yoshida Memorial International Cancer Study Grants are funded by the Japan National Committee for the UICC which receives support from the Commemorative Association for Japan World Exposition 1970. These Study Grants are administered by the International Union Against Cancer.

They are designed to enable investigators of any nationality to gain experience in, or make comparative studies of, special techniques in both the biological and clinical aspects of cancer research.

These grants are available only for study outside the grantee's country of residence since they are intended to accelerate and encourage international collaborative activities.

The study grants will not be awarded for the purpose of visiting a number of institutes or of solely participating in congresses, conferences, and symposia.

They will be awarded for periods not exceeding 90 days.

Each grantee will receive a travel allowance, equivalent to tourist/economy air fare, and a per diem allowance sufficient to cover board, lodging and incidental expenses; however, no allowance will be paid for dependents.

The closing dates for receipt of applications will be 30 June or 31 December of each year.

Successful applicants will be notified within 90 days of each closing date. Study Grants must be activated within 180 days of the date of notification.

Application forms and additional information may be obtained from :

**International Union
Against Cancer**

Conseil-General 3
1205 Geneva
Switzerland.

International Cancer Research Technology Transfer Programme

(ICRETT)

1978

The International Union Against Cancer, with funds provided by the International Cancer Research Data Bank (ICRDB) of the National Cancer Institute of the United States of America, will award "International Cancer Research Technology Transfer" grants for research on cancer.

The purpose of this programme is to promote direct and rapid person-to-person transfer of information about new or improved techniques or methods between investigators located in different countries who are working in areas of basic, clinical or behavioural research in order to further the progress of cancer research.

The available funds are designed to permit investigators of any nationality* to visit a research centre or centres abroad for a period not exceeding 28 days. The funds cover travel and living expenses.

The selection of applicants will be on a continuous basis and the results of the selection will be communicated as rapidly as possible.

Additional information and application forms may be obtained from:

INTERNATIONAL UNION AGAINST CANCER
Conseil-General 3, 1205 Geneva
Switzerland

* In accordance with US Federal Regulations, this Programme is not open to employees of US Government Agencies.

International Cancer Research Workshop Programme (ICREW) 1978

The International Union Against Cancer, with funds provided by the International Cancer Research Data Bank (ICRDB) of the National Cancer Institute of the United States of America, will award financial support to enable the organization of International Cancer Research Workshops.

To be eligible for financial support a workshop must deal with a specific area of cancer research and must have one or more of the following objectives:

1. To discuss or demonstrate a newly developed or improved specialized technique or method;
2. To discuss methods for overcoming some particular obstacle or for resolving a specific disagreement impeding further progress;
3. To discuss and to plan a new approach that might be applied to solve some specific problem.
4. To plan the organization and execution of international collaborative studies related to some specific aspect of cancer research.

The Programme has been established to increase the frequency, speed and efficiency of direct information exchange between cancer investigators of different countries*). The workshop should preferably bring together no more than 12 investigators active in the same field of basic, clinical or behavioural research relevant to cancer. The duration of the workshop should not exceed 4 days.

Funds are intended to cover no less than 30% of the total cost of an approved workshop, up to a maximum of US \$10,000 for each workshop. Applicants must provide a statement that funds from other sources will be available to cover the remaining costs.

Closing dates for the receipt of applications are:

1 January — 1 March — 1 June — 1 September

Additional information and application forms may be obtained from:

INTERNATIONAL UNION AGAINST CANCER
Consell-General 3, 1205 Geneva
Switzerland

*In accordance with US Federal Regulations, this Programme is not open to employees of US Government Agencies; nevertheless, such employees may attend these workshops, using funds from other sources.