Indian Association of Leprologists



31st Biennial Hybrid Conference 16 -18 April, 2021 Alumni Hall, Gandhi Medical College & Hospital HYDERABAD





IAL - Hyderabad 16-18th April 2021



31st Biennial Conference of Indian Association of Leprologists (IAL)

Theme of the Conference : Marching towards Zero leprosy in India

Venue: Alumni Hall, Gandhi Medical College & Hospital, Hyderabad

Office Bearers of IAL (2017-19)

President: Vice Presidents: Honorary Secretary: Treasurer: Interim Treasurer: Immediate Past President: Dr Rathindra Nath Dutta Dr Vivek V. Pai & Dr Sunil Dogra Dr (Mrs) Mrudula Prakash Save Dr Nepal Mahapatra Dr Santanu Kumar Tripathi Dr Swapan Kumar Samanta

Central Council Members:

Dr (Mrs) VP Shetty, Mrs. Neela Shah, Dr (Mrs) Geetanjali Saha, Dr P Narasimha Rao, Dr CM Dambre, Dr Devendra Chauhan, Dr Pushpendra Singh, Dr (Mrs) KK Mohanty

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Conference Organizing Committee

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Past IAL Presidents:

Dr S. K. Noordeen Dr K. V. Desikan Dr V. H. Jadhav Dr M. D. Gupte Dr H. K. Kar Dr Bhushan Kumar Dr V. M. Katoch Dr Atul Shah Dr (Mrs) Kiran Katoch Dr Swapan K Samanta

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Conference Scientific Committee

Dr Sujai Suneetha Dr IS Reddy Dr S Aparna Dr Nayeem S Haneef Dr Sudha Rani Dr D Indira Dr SB Kavitha

Presidential Address Prof. Rathindra Nath Dutta, President IAL

Dignitaries on the dais, my respected delegates physically present and those who could not come but are with us via net link, I welcome you all to this auspicious occasion of our this 31st Biennial and the first Hybrid Conference of Indian Association of Leprologists in this Alumni Hall of Gandhi Medical College at Hyderabad

Leprosy, known as Hansen's Disease, is the oldest disease known to mankind. It is crippling not only physically but also mentally, socially and psychologically as well. It has been and often remains a cause of curse.

The current disease burden has come down significantly compared to a few generations ago. The number of cases has dwindled



significantly. The global presence has come down with more than 90% since 1985, largely due to introduction of multidrug treatment. But, there are a great number of cases with grade -2 disabilities. This of course is being addressed to the best of the ability of the forum concerned.

We are observing a very interesting finding i.e. cases of Hansen's are again increasing.

There is a revival of leprosy.

This may be due to the stagnation in the control of Hansen's disease, probably due to the loss of focus on the programme after achieving 'Elimination'. Quite a number of cases remain undetected. many are detected late after irreversible deformities appear.

WHO launched a "Global Leprosy Strategy 2016 – 2020" it is centered upon 3 pillars

- 1) Strengthening government ownership, coordination and partnerships.
- 2) Stop Leprosy and its complications, and
- 3) Stop discrimination and promote inclusion. This emphasizes the responsibilities of the government as well as partners the need to sustain expertise, involving persons and communities affected with leprosy and to prioritize the most vulnerable population.

We the IAL, as partners and frontline workers in fighting Leprosy, let us not forget our duty and relax as this disease is raising its ugly head.

The theme of this conference is "Marching towards Zero leprosy in India"

Along with this "zero leprosy", which is a health aspect, we should also focus on the social aspect. We should help the people affected with leprosy, in fighting social discrimination and marginalization, try to take legal steps change discriminatory and outdated laws, find for them or create income generating vocational training and / or appropriate jobs so that they revive their lost confidence and self-respect due to them.

Let us utilize this conference in learning new techniques and update ourselves with both

theoretical and also practical knowledge which we can use with other frontline workers of Leprosy.

As the present president of IAL this is the message I wish to convey to all from the core of my heart.

I would also request the next team of IAL to carry forward this task of reviving the social respect of affected people which is due to them.

Jai Hind.

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Prof. Rathindra Nath Dutta President IAL



Message from the Hon. Secretary, IAL

I welcome all the delegates on behalf of 'The Indian Association of leprologists, (IAL). The 30th Biennial Conference of IAL, being held at 'The Gandhi Medical College', Hyderabad is a hybrid meeting, first of its kind in the history of IAL. This meeting is a part of a paradigm shift we all are experiencing in this pandemic situation. New norms are being set, people are coming closer and there is increased communication. Governments are more receptive and people are more supportive towards the health related issues. Let us all make the best of this positive approach of society towards the control and management of the disease called Leprosy.



Leprosy is associated with human society for millennia and in spite of

effective chemotherapeutic cure in the form of MDT, the new case detection rate remains unaltered. Concerted efforts are therefore required;

A) To break the transmission chain of M. leprae; the causative organism of leprosy by 1) early detection and treatment of leprosy affected individuals and 2) prolonged bactericidal treatment of high BI and polar lepromatous leprosy cases and

B) Early detection and treatment for leprosy associated disabilities; via continued monitoring of nerve function during and after completion of anti-leprosy treatment

This combined approach will help to achieve the goal of zero leprosy and zero deformity in the years to come. I therefore appeal to all the members of the association to join hands with the governmental agencies in fight against this age old disease.

Involvement of skin and peripheral nerves and resulting sensory impairment; forms one of the cardinal sign in leprosy diagnosis, however the mechanisms underlying are poorly understood. The neuro-immunological, patho-physiological aspects of nerve function impairment and mechanism underlying the lepra reactions needs to be investigated. Pathways controlling the normal functioning of neural and immune response need to be understood with respect to leprosy. The deviation from the normal could result in aberrant immune response and the resulting lepra reactions. I therefore appeal the scientific fraternity involved in the field of leprosy to invest in basic research in leprosy and associated nerve damage. I also request the medical colleges and the academia to encourage their students to take up their research projects or dissertations on leprosy.

Let us come together and work towards a world free of leprosy and the associated discrimination.

Dr Mrudula Save

Hon. Secretary, IAL

Message from the Chairperson

On behalf of organizing committee, It gives me immense pleasure to welcome all the members of IAL to the 31st Biennial conference of IAL, Hyderabad.

First, I as representative of organising committee thank the executive and members of IAL for reposing faith in us and extending all the support & guidance needed for hosting this conference. It is the first time that IAL biennial conference is being hosted as a Hybrid conference, with web based scientific deliberations as a key component. At the same time all the traditions and conventions are being followed in the physical part of the conference, which a limited number of delegates are attending in person.



Keeping up the tradition & excellent hospitality of Hyderabad, the organizing committee, has made all necessary arrangements to provide the best scientific feast and a warm welcome, even during the times of the ongoing epidemic. We are trying to make sure everything is delivered to the audience as it has to be, in an effective way with an experienced technical team for web based part of the conference, while planning similarly for the physical part (which is also being web-cast live), following all the necessary norms and protocols of Covid prevention. In the present era of advanced communication technology which provide access to advances in the subject, scientific gatherings of this nature will provide a great learning experience at the comfort of your place.

I thank members of organising committee, many of them young dermatologists and yet-to-be members of IAL, who have worked with immense enthusiasm and interest in planning and organising this conference. It is indeed a great privilege to work with such a wonderful team! Dr Bhumesh Kumar, our organizing secretary needs special mention for the way he supported this endeavour.

Our scientific team lead by Dr SujaiSuneetha has planned the scientific content of this conference which will hold the attention of medical &leprosy fraternity, and young post graduate students, to the present leprosy issues of relevance. We are also hopeful of drawing the attention of medical fraternity and authorities working for leprosy to the issues of leprosy care which require attention through the deliberations of this conference.

Wishing you the best learning experience and a pleasant participation.

Dr P Narasimha Rao, MD, PhD

Chairman, organising committee

31st BIENNIAL CONFERENCE OF INDIAN ASSOCIATION OF LEPROLOGISTS (IAL)

April 16th to 18th 2021

Theme of the conference: Marching towards Zero leprosy in India

Friday, 16th April 2021 – FULL DAY WEB BASED CONFERENCE

Time	PLENARY HALL Plenary Session I: E-Inaugural Session			
10.00 -	 10.00 – 10.03 (3 min): Welcome (Organizing Committee Members) 			
10.45 am				
(45 min):	10.10- 10.20 (10 min): Presidential Remarks – Dr. Rathindra Nath Dutta , President, IAL			
	10.20-10.40 (20 Min): National Perspective – Ms. Rekha Shukla			
	10.40-10.45 (5 min): Closing remarks & vote of thanks – Organizing Committee			
	E-TEA BREAK – 15 min			
	Plenary Session II: Epidemiology & Leprosy Control			
11.00 -	Chairpersons: Dr. MD Gupte & Dr. Bhushan Kumar			
12.15 pm	11.00 – 11.20 (20 min): Dr. Pemmaraju , WHO			
(75 min) :	(WHO Perspective on epidemiology & leprosy control)			
	11.20 – 11.40 (20 min): Dr. Dhingra , CLD			
	(Planning of leprosy programme in India towards the goal of 'Zero leprosy')			
	11.40 – 12.00 (20 min): Dr. HK Kar,			
	(Late & non-detection of LL cases: a concern for slow reduction of prevalence of leprosy in India)			
	Closing comments: 10 min - Chairpersons			
	Plenary Session III: Working Towards a Leprosy-Free World			
12.15 -	Chairpersons: Dr. Kiran Katoch & Dr. Atul Shah			
1.30 pm	12.15 – 12.35 (20 min): Dr. Ashok Agarwal, ILEP			
(75 min):	(ILEP strategy for a leprosy-free world)			
	12.35 – 12.55 (20 min): Dr. Pathanjali Nair, WHO			
	(Utilizing Assistive Technology to improve functionality in leprosy)			
	12.55 – 1.30 (35min): Panel Discussion - Working towards a leprosy free world			
	Moderator: Dr. Sunil Dogra			
	Panellists: Dr. Kumaresan Kuppusamy / Dr. Jerry Joshua / Dr. Rajan Babu /			
	Dr. Antony Samy / Dr. Gitanjali Saha			
1.30-2.00	LUNCH BREAK			

	HALL A (e-Conf.)	HALL B (e-Conf.)
02.00 -	Chemotherapy including new regimens	Pathology & Immunology
03.00 PM	Chairpersons: Dr. Santanu K Tripathi & Dr K Udaya	Chairpersons: Dr. S Aparna & Dr. Sundeep Chaitanya
5.50 m	Kiran	02.00 – 02.15 pm: Dr. Pushpendra Singh
	02.00– 02.15 pm: Dr. Tarun Narang	(Genomics and molecular epidemiology of leprosy
	(Management of high BI MB leprosy)	bacillus: current status)
	02.15 – 02.30 pm: Dr. VV Pai	02.15 – 02.30 pm: Dr. Madhusmitha Das
	(Newer Drugs & regimens in leprosy)	(Improving the specificity & sensitivity of PCR
	02.30 – 02.45 pm: Dr. Joel Almeida	Diagnostics in leprosy)
	(Reinfection, ENL, Transmission - Challenges	02.30 – 02.45 pm: Dr. Itu Singh
	In diagnosis and management of lepromatous	(Translation Genomics & Genetics; its application in
	Patients)	leprosy)
	02.45 – 03.00 pm: Open forum – Dr. SK Tripathi	02.45 – 03.00 pm: Open forum -
03.00 -	Chemo & Immuno-prophylaxis of leprosy	Championing the cause of people affected by
04.00 PM	Chairpersons: Dr. Binod Khaitan & Dr. Venkata	leprosy (PAL)
	Krishna	Chairpersons: Dr. Kurian John & Mr Muzaffarullah
	03.00 – 03.15 pm: Dr. Megha P Khobragade	03.00 – 03.15 pm: Dr. Sunil Anand
	(Single Dose Rifampicin (SDR): Field experiences of	(Repealing discriminatory laws: a means to reducing
	NLEP)	stigma & discrimination)
	03.15 – 03.30 pm: Dr. Santosh Rathod	03.15 – 03.30 pm: Dr. Shiva Kumar -
	(Potential role of MIP, SDR & PEP++ in preventing	(Addressing stigma & discrimination)
	leprosy)	03.30 – 04.00 pm: Panel Discussion– Topic: Role of PAL
	03.30 – 03.45 pm: Dr. Sanjay Singh , Gennova	in Strategy planning for Zero leprosy
	(LepVax – a newer approach to vaccines in leprosy)	Moderator: Dr. Kurian John
	03.45 – 04.00 pm: Open Forum	Panellists: Mr. Narsappa (APAL), Ms. PK Jayashree, Dr.
		Manisha Saxena, Dr. Sunil Anand, & Dr. Shiva Kumar &
		others
04.00 -	Reaction, Nerve Damage & POD	Award Paper Session: 4.00 - 5.30 pm
05.00	Chairpersons: Dr. Archana Singhal & Dr. VV Dongre	Chairpersons: Dr. DBN Murthy & Dr. Nayeem Sadath
	04.00 – 04.15 pm: Dr. Joydeepa Darlong	Three Judges from IAL & RRE will evaluate the
	(Special challenges in managing type 1 & type 2	presentations
	reactions)	4.00 – 5.30 pm: Award Papers- 12 (To be selected by
	04.15- 04.30 pm: Dr. Jerry Joshua	the Scientific Committee) - RRE award & 31st Biennial
	(Is there more to RCS in leprosy than tendon	conference award for best papers presented.
	transfers?)	
	04.30 -04.45 pm: Mr. Kartikeyan	
	(Role of physiotherapy & Occupational therapy in	
	preventing & managing NFI in leprosy)	
	04-45 – 05.00 pm: Open forum	
05.00 –	Hall A: Integration of leprosy with NTD's	
06.00	Chairpersons: Dr. Mary Verghese & Dr. Rashmi Shukla	
	05.00 – 05.15 pm: Dr. DS Chauhan	
	(Molecular diagnosis of leprosy & other NTD's)	
	05.15- 05.30 pm: Dr. CR Revankar	
	(Widening horizon of Leprosy: NTD Roadmap2030 and	
	Integration)	
	05.30 -05.45 pm: Dr. P Narasimha Rao	
	(Integrating leprosy with NTD's: benefits & Challenges)	
	05-45 – 06.00pm - Open forum	

10.00 -		PHYSICAL WORKSHOP ON LEPROSY FOR PG STUDENTS		
01.00 pm	(NO WEB LINK	OR LIVE FEED)		
	Hall 1	Hall 2		
	Skin Smears – Taking, Staining &	1. Leprosy Physiotherapy		
	Reading			
		2. Ultrasonography of Nerves in leprosy		
	HYBRID CONFERENCE – Web Link & Live feed			
Time	HALL A (e-Conf. Web Link)	HALL B (e-Conf. Web link)		
10.00 -	Session: Epidemiology & Leprosy Control	Session: Topic: Early diagnosis / Drug resistance /		
11.00 am	Chairpersons – Dr. A Seetharam & Dr	Relapse:		
	10.00 – 10.15 am: Lead Talk: Dr. VK Pannikar	Chairpersons – Dr. Utpal Sengupta & Dr. Vanaja Shetty		
	(The New Global Leprosy Strategy 2021 - 2030)	10.00 – 10.15 am: Lead Talk: Dr. Keshar Mohanty		
	((Advances in the immunology of leprosy)		
	10.15 – 11.00 am: Research Presentations:			
	1. Childhood leprosy cases with disability - Satyadarshi	10.15 – 11.00 am: Research Presentations:		
	Patnaik	1. Serum proteome analysis of contacts of leprosy		
	2. A socio- clinical patterns of leprosy in a tertiary	<i>cases for early diagnosis of leprosy</i> – Deepa Bisht		
	<i>care hospital</i> – Dharpalli Swethanasree	2. Identification of biomarkers for early diagnosis of		
		leprosy using transcriptomics approach – Anuj		
	3. Focal transmission of mycobacterium leprae	Mavlankar		
	<i>infection in leprosy families of endemic region in India</i> - RP Turankar			
		3. A four-year retrospective study shows increasing		
	4. Role of helminthic parasite infection in the	rates of antimicrobial drug resistance in endemic region in India for M leprae - Itu Singh		
	development of leprosy: A cohort study – V Singh	region in India for Wileprae - Itu Singh		
	5. Evaluation of clinical spectrum and correlation of	4. Molecular screening of newly diagnosed leprosy		
	bacteriological index in slit skin smear and	cases for drug resistance in M. leprae Rahul Sharma		
	histopathology among newly detected Hansen's			
	<i>disease patients</i> - G. Abirami	5. Clinical, bacteriological and molecular observations in relapses in leprosy – Wakade Anju		
11.00 am	Session: Digitalization of patient records & Clinical	Session: Current issues impacting leprosy control &		
- 12.00	leprosy	Covid 19		
pm	Chairpersons – Dr. Vani Patalay & Col. GK Prasad.	Chairpersons – Dr. Putta Srinivas & Dr. N Ramesh		
-				
	11.00 – 11.15 am: Lead Talk – Dr. Vamshidhar ,	11.00 – 11.15 am: Lead Talk - Dr. Deepika Pandhi		
	Novartis (Leprosy patients records database (LEOPARD): a	(Impact of Covid on leprosy Control)		
	project aimed at digitalization of patient records at	11.15 – 12.00 pm: Research presentations		

1.45	Lonen	
)1.00 -	6 Leprosy related knowledge among tribal population in two districts of kerala – Elsheba Matthew LUNCH	
	phenomena (or) cutaneous polyarteritis nodosa - Gopi Krishna 5. Hansen's presenting as unmasking type of infectious iris - Abishek Kumar	<i>centre</i> - Bathula Amulya 5. <i>Stagnant View of Hospitalization needs for Leprosy</i> <i>Complications</i> – Jessy Kurian
	neuritis patients – Tasmin Jhan 4. Is this case- erythema necroticans (or) lucio	<i>treatment centres</i> - Prashant Jakhmola 4. <i>A study of social stigma among the leprosy patients</i> <i>attending leprosy clinic at a tertiary health care</i>
	 Dermascopy: a diagnostic tool in leprosy - Vinay Keshavmurthy Trends of the steroids completion among the 	3. <u>Profile of referrals for tertiary care of leprosy</u> complications from government and private
	biomarkers for pathogenesis of type 1 reaction in leprosy - VK Pathak	2. Innovations to the rescue: connecting the DOTS - Abirami
	12.15 – 01.00 pm: Research papers 1. Efficacy of mimicking B and T cell epitopes of Mycobacterium leprae and host as predictive	12.15 – 01.00 pm: Research papers 1. Employability of leprosy and other disabled after vocational trainings: a case study of influencing factors from Tamilnadu – Tinson Thomas
	12.00 – 12.15 pm: Lead Talk - Dr. Sunil Dogra (Management of Chronic & Recalcitrant Reactions)	12.00 – 12.15 pm: Lead Talk - Dr. Kurian John (Effect of migration on leprosy control in India)
12.00 – 01.00 pm	Session: Reactions in leprosy Chairpersons – G Manmohan & Dr. M Jayanth	Session: Social aspect of leprosy Chairpersons – Dr. Mohan Sain Mathur
	5. <i>Mixed infections of sporotrichosis and</i> <i>trichophytosis in a Hansen's patient</i> - Shilpa Mary Philip	qualitative study - Saritha Susan Varghese 5. A clinical study on immune zones in leprosy - Dr. T. Ravali Rao
	4. <u>Leprosy masquerading as deep fungal infections</u> – Harithasree L	4. Barriers and facilitators of leprosy related health seeking behavior in tribal areas of Kerala: a
	3. Unusual presentations of leprosy: a case series - Gumma Sai <u>Snigdha Bhashitha</u>	3. Leprosy and Covid -19 co-infection – experience in a referral centre in Mumbai, India– Vivek Pai V
	 11.15 – 12.00 pm: Research presentations 1Childhood leprosy: a prospective study in post- elimination era - Varsha Babu Hunashikatti 2. Inoculation site (tattoo) leprosy – Farheen Begum 	2. Impact of Covid-19 lockdown on treatment and care services: service provider survey of people affected with leprosy in Madhya Pradesh, India - Naveen Satle
	Sivananda Rehabilitation Home, a teritiary care leprosy hospital)	1. <u>Enhancing access to Covid testing for people</u> affected by leprosy - Michael Sukumar Pallapati

	HALL A: PLENARY SESSIONS HALL: LIVE FEED			
	Inauguration of Conference			
01.45 -	01.45 – 01.55 (10 min) : Welcome of dignitaries to Dais & introduction			
01.45 -	by Organising Committee / Scientific Secretary	,		
pm:	01.55 -02.00 (05 min) : Lighting of lamp & declaring the Conference open			
	02.00 – 02.10 (10 min) : IAL Secretary's address – Dr. Mrudula Save			
	02.10 – 02.25(15 min) : Presidential Address – Dr. Rathindra Nath Dutta			
	02.25 – 02.40 (15 min) : Address by the invited Guest of honour			
	02.40- 02.55 Felicitation of life time achievement awardees (3) - (15 min)			
	02.55- 03.00 (5 min) : Vote of Thanks			
	03.00 - 03.15 (15 min) : Keynote Address - I	Dr. VM Katoch		
03.15 -	Jal Mehta Oration: Chair persons: Dr	VH Jadhay / Dr Atul Shah		
	03.15 -03.20(05 min) : Introduction of the Ja			
4.00 pm	03.20 -03.25(05 min) : Introduction of the Ja			
	03.25 – 03.55 (30 min) : Jal Mehta Oration: Dr. S Ananth Reddy			
	03.55 – 04.00 (05 min) : Concluding remarks – Chairpersons			
	HALL A (Web link)	HALL B (Web link)		
4.00 -	Session: Diagnosis & Differential Diagnosis: Chairpersons: Dr. Geeta Kiran & Dr Indira	Session: Disability & Rehabilitation:		
5.00 pm	Champersons. Dr. Geeta Kiran & Dr muira	Chairpersons: Dr. VH Jadav & Dr. Neela Shah		
	4.00 – 4.15 pm: Lead Speaker: Dr. KS Baghotia (Challenges in the eradication of leprosy)	4.00 – 4.15 pm: Lead Speaker: Dr. Atul Shah (<i>Reconstructive Surgery (RCS) & Rehabilitation</i>)		
	04.15-05.00: Research papers	04.15-05.00: Research papers		
	1. Role of high-resolution ultrasonography (HRUS) in	1. Comorbidities associated with non- healing of		
	<i>leprous neuropathy</i> – Khushbu Jadav	<i>plantar ulcers in leprosy patients</i> – Brahmaiah		
	2. A case of histoid Hansen's disease with tuberculoid	Upputuri		
	spectrum histopathological finding – a rare case report – A Ajith.	2. Study on efficacy of autologous platelet rich fibrin matrix for non-healing trophic ulcers in patients with		
	3A case of Hansen's disease masquerading as	Hansen's disease – Anusha Kurre		
	polymorphic light eruption – Vinothini	3 A prospective and clinical study of 'autologous		
	4. Profile of new diagnosed child leprosy cases and	platelet rich fibrin' – a therapeutic biological option in the treatment of trophic ulcers of Hansen's etiology -		
	counselling requirement – Sinphia Ajith	Ananthula Saketha .		
	5. Type 1 lepra reaction mimicking as bullous fixed	4 WHO leprosy disabilities: before and after multi		
	drug eruption – P Pravalika.	drug therapy – K Krishna Priya		
	6. Is granulomatous cheilitis: a separate entity or	5. A study of clinical pattern of deformities in		
	manifestation of leprosy? - Shefali V. Patel	Hansen's disease in a tertiary care center - Mandava		

	HALL A	HALL B	
8.30 - 9.30 am		Hall D: IAL Central Council Meeting 08.30 – 9.30 am	
9.30 – 10.30	Hall A: Focus Session on issues in leprosy Chairpersons: Dr. Sendhil Kumaran & Dr. Narasimha Rao Netha 09.30-09.45 am: Dr. Swapan Samantha (Surgical procedures in the eye in leprosy) 9.45.00 – 10.00 am: Dr. Kiran Katoch (Advances in the serological & molecular diagnosis of leprosy) 10.00 – 10.15 am: Dr. Vanaja Shetty (Overcoming the challenge of drug resistance in leprosy)		
	Tea break: 10.45 – 11.00 am		
	Plenary Session V: Orations		
11.00 - 11.45 am (45 min):	Dr R. Ganapati Memorial Oration Chairpersons: Dr. Hemant K Kar and Dr. Vivek V Pai11.00 - 11.05 am (5 min): Welcome11.05 - 11.10 am (5 min): Introduction of the Oration: Dr. Hemant K Kar11.10 - 11.15 am (5 min): Introduction of the Orator: Dr. Vivek V Pai11.15 - 11.45 am (30 min): Oration by: Dr. Anil PatkiConcluding Remarks: Chairpersons		
11.45 - 12.30 am (45 min):	Rabindranath Dutta Memorial Oratio Chairpersons: Prof. Dr. Rathindr 11.45 – 11.50 am (5 min): Welcome 11.50 - 11.55 am (5 min): Introduction of 11.55 – 12.00 pm (5 min): Introduction o 12.00 – 12.30 pm (30 min): Oration by: D Concluding Remarks: Chairpersons	a Nath Dutta & Dr. Satyadarshi Patnaik the Oration: Dr. Rathindra Nath Dutta f the Orator: Dr. Satyadarshi Patnaik	
	Awards and valedictory session		
12.30 –1.30 pm:	Awards Ceremony12.30 - 12.45 pm: Awards: Best papers, Best E postersValedictory12.45 - 12.55 pm (10 min): Welcome & remarks by Incoming President / Secretary12.55 - 1.00 pm (5 min): Introduction of New IAL EC team1.00 - 1.15 pm (15 min): Felicitations1.15 - 1.25 pm (10 min): Remarks from members1.25 - 1.30 pm (5 min) : Vote of Thanks from Organizing Committee		
1.30 - 3.00	LUNCH & FAREWEL		

E-POSTER PAPER PRESENTATIONS

HALL - C - ALL DAYS (16TH to 18th April)

Awards will be given to best three E-posters

Titles and first authors:

- EP1. Auto-reactive salivary and skin proteins: predictive biomarkers for pathogenesis of reactions in leprosy – VK Pathak
- 2. EP2. Life with Hansen's disease: an introspective study into the quality of life Abirami C
- 3. EP3. Mycobacterium leprae genotypes and drug resistance mutations in Jabalpur district of Madhya Pradesh –Purna Dwivedi
- 4. EP4. Puzzling asymptomatic skin colored papules over face: a diagnostic conundrum Akash Agarwal
- 5. EP5. Crust modified acid fast staining as an alternative method for confirming transepidermal elimination of *mycobacterium leprae* in a lepromatous leprosy patient -Jeebanjyoti Mishra
- EP6. Hospitalization needs for plantar and palmar ulcer complications and gender variations – Raghunath Prajapati
- 7. EP7. Ocular complications among leprosy affected: trends of cases reported to a tertiary care hospital over the period of five years –Caleb
- 8. EP8. Stitch analysis of thalidomide and its analogues for predicting functional partners of human proteins Aishwarya Jamalpur
- 9. EP9. Ultrasound (USG) of nerves as an additional tool in the diagnosis of pure neural leprosy: a study in a USG referral centre Suman Jain
- 10. EP10. Leprosy in the elderly: a retrospective study of newly registered patients in a referral center in Hyderabad Tanisha Bhatnagar
- 11. EP11. A rare case of de novo histoid leprosy in a 20-year-old female student Farheen Kahkashan Ahmed
- 12. EP12. Dress syndrome in a case of lepromatous leprosy J. Amrutha
- 13. EP13. Neurofibromatosis masquerading as lepromatous leprosy Moni Singh
- 14. EP14. Nail changes in recent and old cases of leprosy Sowmya P
- 15. EP15. Osteoporosis in leprosy patients Swanam Gangopadhyay
- 16. EP16. Prescribing MDT (multi drug therapy) to a non-leprosy patient: not so uncommon occurrence in endemic countries Parul Gohil
- 17. EP17. Socio-economic profile & health care associated costs for the patients with leprosy in an urban health care setting, Hyderabad Khyathi Reddy
- 18. EP18. Staphylococcus aureus biofilm in leprosy foot ulcers Ebineshan Kumar
- 19. EP19. A case of Hansen's disease presenting as ulceronecrotic erythema nodosum leprosum a rare case report S. Sangeetha
- 20. EP20. Thalidomide in the treatment of erythema nodosumleprosum (ENL) in an outpatient setting: a five-year retrospective analysis from a leprosy referral centre in India Brahmaiah Upputuri
- 21. EP21. Reactions in childhood leprosy a retrospective cohort study <u>Tharangini</u> <u>Mothukuri</u>
- 22. EP22. Single plaque lepromatous leprosy presenting as granuloma annulare: a rare presentation Keerthi vardhini

ABOUT INDIAN ASSOCIATION OF LEPROLOGIST

Indian Association of Leprologists (IAL) is a professional organization consisting of leprologists, dermatologists, laboratory scientists, microbiologists, immunologists, molecular biologists, plastic surgeons, epidemiologists and social scientists with huge membership strength of >800 members. IAL was established in 1950 by Dr. Dharmendra; the eminent leprologist of the time in the city of Kolkata, West Bengal. It was registered under the Societies Registration Act XXI of 1960.

The objectives of the association are

- (a) To promote the study of and research in leprosy.
- (b) To create public opinion in matters relating to the prevention and cure of leprosy and rehabilitation of patients.
- (c) To promote professional fellowship, co-operation and exchange of views among members
- (d) To carry on such propaganda as may be found necessary or feasible for the attainment of these objectives.
- (e) To co-operate with the medical and other institutions having altogether or in part similar objects.
- (f) To maintain a library.
- (g) To organize branches in other States, and
- (h) To do all such other lawful things as are cognate to the object of a society.

The foundation members of IAL include;

- 1. Dr. Dharmendra, Kolkata
- 2. Dr. A.C. Rebello, Mumbai
- 3. Dr. P. Sen, Kolkata
- 4. Dr. H. Shama Rau, Chennai
- 5. Dr. S.N. Chatterjee, Kolkata
- 6. Dr. N. Figueredo, Kolkata
- 7. Dr. B.B. Ganguly, Luknow
- 8. Dr. P. Kapoor, Mumbai
- 9. Dr. K.W. Waghela, Porbander, Gujrat
- 10. Dr. H. Paul, Chennai
- 11. Dr. J. Joseph, Chennai
- 12. Dr. D.N. Bose, Asansol, West Bengal
- 13. Dr. D. A. Lakshman Rao, Bengaluru
- 14. Dr. D.N. Mukherjee, Raipur
- 15. Dr. I. Santra, Samblepur, Orissa.
- 16. Dr. N.B. Pattnayak, Bhubaneshwar

- 17. Dr. V.V. Shenoi, Chennai
- 18. Dr. K.R. Chatterjee, Kolkata
- 19. Dr. K. Chakravarty, Kolkata
- 20. Dr. A.T. Roy, Purulia, West Bengal.

The Indian Association of Leprologists (IAL) has been a major force in the fight against leprosy in India. It has been more than a professional body and has always maintained a strong interest in the national efforts in the fight against the disease.

Sr.	Month/Year	Place	Name of the President	Name of the Secretary
1	January 1953	Puri	Dr Dharmendra	Dr P. Sen
2	March 1955	Jamsedpur	Dr S.N. Chatterjee	Dr K.R. Chatterjee
3	December 1957	Gorakhpur	Dr S.N. Chatterjee	Dr K.R. Chatterjee
4	January 1959	Mumbai	Dr Dharmendra	Dr H. Shamarao
5	January 1962	Hyderabad	Dr Dharmendra	Dr H. Shamarao
6	January 1965	Chennai	Dr R.V. Wardekar	Dr H. Shamarao
7	Jan-Feb 1967	Agra	Dr V.P. Das	Dr H. Shamarao
8	February 1969	New Delhi	DrV.P. Das	Dr V.K. Sharma
9	October 1971	Bhopal	Dr C.K. Job	Dr V.K. Sharma
10	October 1973	Wardha*	Dr K. Ramanujam	Dr K.V. Desikan
11	April 1976	Baroda	Dr A. G. Selvapandian	Dr S.K. Noordeen
12	April 1979	Chennai	Dr P. Kapoor	Dr S.K. Noordeen
13	September1981	Agra	Dr N.H. Antia	Dr R. Ganpati
14	November1983	Mumbai	Dr K.V. Desikan	Dr V.P. Bharadhwaj
15	January 1986	Jabalpur	Dr R.H. Thanjaraj	Dr B.K. Girdhar
16	December1987	Vishakhapatnam	Dr R. Ganpati	Dr V.V. Dongre
17	November1989	Trichur	Dr H. srinivasan	Dr V. M. katoch
18	January 1992	Bhilai	Dr V.K.Ekambaram	Dr J.A. Ponniah
19	January 1994	Chennai	Dr M.D. Gupte	Dr P.S. Rao
20	December 1995	Pune	Dr B.R. Chatterjee	Dr B.N. Reddy
21	November1997	Bhopal	Dr J.A. Ponniah	Dr D. Porichha
22	September1999	Chandigarh	Dr S.K. Noordeen	Dr Sreevatsa
23	November2001	Patna**	Dr Bhushan Kumar	Dr D. Porichha
24	2004	Haldia	Dr Vitthal Jadhav	Dr Swapan Samanta
25	2005	Agra	Dr V.M. Katoch	Dr K. Venkateshan
26	2007	Kanpur	Dr H.K. Kar	Dr Swapan Samanta
26 M#	2008	Kolkata	Dr H.K. Kar	Dr Swapan Samanta
27	2009	Delhi	Dr Atul Shah	Dr Swapan Samanta
27M#	2010	Guwahati	Dr Atul Shah	Dr Swapan Samanta
28	2012	Mumbai	Dr Mrs. Kiran Katoch	Dr D.S. Chauhan
29	March 2014	Chandigarh	DrSwapan Samanta	Dr R.N. Dutta
30	November 2017	Digha, WB	Dr R.N. Dutta	Dr M.P. Save
31	August 2019	Mumbai	Dr R.N. Dutta	Dr M.P. Save

Table 1: Details of Biennial IAL conferences held

*Centennial celebration of Dr.Hansen's bacillus discovery,

#Midterm conference,

**Golden jubilee conference

LIFE TIME ACHIEVEMENT AWARD 2021

Dr Sigamoni Arunthathi,

MBBS, D.D., MD Dermatology

Senior IAL Member and a member of IAL Central Council (1994-1995)

Present affiliation: Head, Department of Dermatology & Leprosy, St. Thomas Hospital & Leprosy Centre, Chettupattu, Tamil Nadu



Dr S. Arunthathi born on February 25, 1942; has graduated in

Medicine from Madras University in the year 1967. She further persuaded her studies to achieve a D.D. in 1976 and aMasters Degree in Dermatology from the Jawaharlal Institute of Postgraduate Medical and Research Centre, Pondicherry, in 1977.

Dr Arunthathi started her career as a senior house surgeon at JIPMER, Pondicherry in 1968. She continued as a Registrar in Skin and VD (1969-1973), Junior Medical Officer- Preventive and Social Medicine (1973-1974) and as Resident in Dermatology (1974-1977).

In 1977, Dr Arunthathi joined SLRTC, Karigiri as a Specialist and from 1983 to Feb 2002 she served as the head, Branch of Medicine. Presently she is associated with St. Thomas Hospital and Leprosy Centre, Chettupattu, Tamil Nadu as a Head, Department of Dermatology & Leprosy.

Dr Arunthathi has presented her work in national and international meetings and specialized pre congress workshops. She has a number of publications to her credit in national and international journals.

Dr Arunthathi was a member of several expert committees in leprosy at both national and international level. Presently she is actively involved in planning medical officers training programs and teaching medical officers, medical students including PGs in diagnosis, differential diagnosis and management of Leprosy.

She has also prepared anumber of teaching aids in the form of booklets and audiovisual aids for this purpose. Her major contribution as a recourse person in the field of leprosy clinical practice and training is highly appreciated.

In appreciation of her dedicated services in the field of Leprosy, **'The Indian Association of Leprologists'** takes great pleasure to honor **Dr. Sigamoni Arunthathi**of Chettupattu, Tamil Nadu with **Life Time Achievement Award** and wish her a 'Centurion Life' full of success in all her future endeavors.

LIFE TIME ACHIEVEMENT AWARD 2021

Dr Kamlakar Bhandarkar

M.B.B.S; M.D.

Dr. Bhandarkar a 82 years, medical professional from Durg Chattisgarh, passionate, motivated with a comprehensive background in Preventive Care. Well equipped to provide the primary and advanced medical care to the patients, hands-on medical practices.

Dr. Bhandarker has a Zeal to collaborate within the large team to achieve goals. Hisapproach to innovative thinking helps him reach his goals faster.

He believes that patient care should be a physician's first priority. Thus he loves to help patients to understand their health and things they can do on their own as well as medications or therapies that could be helpful.

Goals achieved:

- Construction of "Patient Care Home" at every village postings during the career
- Created training modules for the healthcare staffs.
- Built Paramedical team from the population, thus created employment opportunities.
- Setup Arogya Kendra in the villages.
- Created Sanitary Pad Schemes for tribal girls
- Substantial Eradication of Leprosy in Rural Areas

Dr Bhandarkar believe in serving people selflessly and opted to serve the tribal community in Bastar region from Chattisgarh as his first posting. After 27 years of Govt service as Dy. Chief Medical officer he was associated with Danler, LEPRA and ILEP in UP and Madhya Pradesh

Health Dept. of Govt of Madhya Pradesh honored him as "Health Ambassador" for his contributions in Leprosy eradication program, and also felicitated him with "Life Time Achievement Award in 2018".

Dr Kamlakar Bhandarkar has been a member of Indian Association of Leprologist for long time now. In appreciation of his dedicated services rendered to leprosy patients in the tribal areas of Madhya Pradesh, this august gathering of Indian Association of Leprologists, along with Medical fraternity of Hyderabad City, takes great pleasure to honor **Dr. Kamlakar Bhandarkar** ofDurg Chattisgarh with **Life Time Achievement Award** and wish him a 'Centurion Life' full of success in all his future endeavors.



LIFE TIME ACHIEVEMENT AWARD 2021

Dr Vijaykumar Vinayak Dongre,

GFAM, LMP, MBBS, DVD, PGD – PR&A, PGD – MLS, DHA, DSW, DHE

Present affiliation: Hon. Secretary,

The Society for Eradication of Leprosy, Mumbai

Dr V.V. Dongre from Mumbai has dedicated his entire life (>55yrs) in leprosy control in urban and rural areas including tribal locations in Maharashtra. He was associated with Acworth Leprosy Hospital in Mumbai.



Dr. Dongre worked primarily in the areas of

- 1) Clinical aspects of leprosy involving diagnosis and treatment,
- 2) Training & teaching for students and staff by organizing training sessions,
- 3) Leprosy Awareness and health education through various press (local news media) and television, preparation of books and booklets in English and local languages, an educative film on leprosy for the medical fraternity (GMLF, Wardha).
- 4) His interest in History of Leprosy led to publication of two books titled 'WALKATHON' for 50 years' history of Gandhi Memorial Leprosy Foundation and his second book 2500 years' history of leprosy a compendium and
- 5) Legal aspects of leprosy, social aspects stigma and discrimination.

His vast experience in various aspects of leprosy control and awareness and his contributions towards alleviating the suffering of persons affected with Leprosy by helping them to fight against the discriminating laws will go a long way towards our goal of society with zero discrimination.

Dr. Dongre has presented his research work in various national and international conferences. He has successfully organized several state and national level seminars and workshops for the benefit of leprosy workers and leprologists.

Dr Dongre is a life member of IAL for long time and has also contributed as a Honorary Secretary of IAL from 1987-1989, along with Dr R. Ganapati as a President.

In appreciation of his dedicated services in the field of Leprosy, 'The Indian Association of Leprologists' takes great pleasure to honor Dr Vijaykumar Vinayak Dongre of Maharashtra with Life Time Achievement Award and wish him a 'Centurion Life' full of success in all his future endeavors.

DR JAL MEHTA ORATION 2021

Padmabhushan Jal Mehta, former president of Poona District Leprosy Committee (PDLC) and vice president of Serum Institute of India was not only a Leprologist of national and international repute but a plastic surgeon par excellence, great social reformist, philanthropist and humanist.

He was on advisory boards of Pharmabiz, Chronicle Pharmabiz and Viena Karl Landsteiner institute. His contribution in field of leprosy is exemplary and encompasses various aspects of Leprosy work including medical care, research, rehabilitation and social relief during his tenure of more than 40 years of honorary service, only to be halted by his untimely demise in 2001.

His greatest contribution in Leprosy service was creating social awareness about the disease, catering to medical and rehabilitational needs of patients of Leprosy and running a full phased, 350 bedded, Leprosy hospital complete with facilities for medical treatment, reconstructive surgery,

physiotherapy, footwear construction and physical and occupational rehabilitation. He took charge of Dr Bandorwala Leprosy Hospital Kondhwa Pune



DR JAL MEHTA

in 1964 from Dr Bandorwala who was his father in law. His most notable service to patients of Leprosy was in starting common vocational training program for them along with other physically handicapped persons and occupational and social rehabilitation of more than 1000 Leprosy cured persons through running engineering units, forming their independent cooperative societies, running power looms, box making units, poultry and agriculture farming, thus helping them to become financially and socially independent.

He himself was a skilled plastic surgeon and operated hundreds of Leprosy patients and developed various new surgical procedures for correcting Leprosy related deformities. He had keen interest in research, was extremely well read and had innumerable publications to his credit in national and international journals. Under his leadership, PDLC won Best Institution' national award for Welfare of the handicapped at the hands of President of India in 1993 on World Disabled Day and 'Rehabilitation Coordination India' international award for the outstanding services for the disabled in 1989. He was instrumental in initiating vaccine development program of Serum institute of India. Through his generous donations he financed housing complexes and personal business ventures of Leprosy cured persons. In his fond memory Dr Cyrus Poonawala, founder Chairman of Serum Institute of India, with his generous donations funds Dr Jal Mehta Oration at the biannual conference of Indian Association of Leprologists.



DR. S. ANANTH REDDY

DR. S. ANANTH REDDY is a recipient of **Dr Jal Mehta Oration** this year. Dr. Reddy born in 1953 has completed his graduation in Medicine from Kakatiya University. He was trained in leprosy at the SLRTC Karigiri in 1982 and is associated with Sivananda Urban Leprosy Project as a medical Office since 1982. Presently Dr Reddy is Chief Administrator and Reconstructive surgeon at SRH. He has specialized in reconstructive surgery of hands and feet in leprosy and was trained by Dr August Otto Beine , former chief Medical officer, SRH. Dr Reddy has presented his work in many National and International meetings and is a recipient of several awards from state government health departments and voluntary organizations. Recently, IMA Mediko Health Care Excellence Award presented Certificate "in recognition of the excellent and invaluable contribution to the Health Care Sector in India and for brilliant and consistent high quality of work".

DR RAMASAMY GANAPATI MEMORIAL ORATION 2021

Padmashree Dr Ramasamy Ganapati worked throughout his life for the cause of Leprosy sufferers. His immense contributions in leprosy research includeas a Director, Bombay Leprosy Project (BLP), as a Chairman of Hind Kustha Nivaran Sangh (HKNS), Maharashtra Branch, Vice-President of Society for the Education of Leprosy (SEL), Acworth Leprosy Hospital Society for Research Rehabilitation and Education in Leprosy (ALH RRE Society) and as a Consultant Technical Support for GLRA and NLEP.

Dr R. Ganapati was the President of Indian Association of Leprologists (IAL) from 1987-89. Earlier, he was Vice – President and Hon Secretary of the Association. He was a Member of WHO Expert

Advisory Panel on Leprosy and was the Consultant Leprologist (WHO, Govt of India) from 1986-1991 and had special assignments for



DR. R. GANAPATI

GOI/WHO as Chairman and Member of Independent Evaluation Team for 10 States (1991-1997). Dr Ganapati has contributed over 200 articles in National and International Journals as well as Chapters in 12 Books. He has also published a book titled **"Leprosy a Glimpse at the changing scenario"** in 1996. He participated and presented his work in numerous State level, National and International Conferences and Workshops.

He was awarded with Padmashree in 1983 by Govt. of India, Jalma Trust Fund Oration Award (ICMR) in 1987, ND Diwan Memorial Award in 1989-90, Fr. Maschio Humanitarian Award in 1993, Indian Leprosy Foundation Award for Excellence in 1994, Award for excellence from Govt. of Maharashtra and IAL Maharashtra in 1997, Award for Outstanding Community Service by Rotary Club, Bombay 2002.

Indian Association of Leprologists, along with Bombay Leprosy Project remembers Dr R Ganapati and salute him in the form of Oration.



Dr. Anil Harish Chandra Patki

Dr. Anil Harishchandra Patki M.B.B.S., M.D. Dermatology from University of Pune is the recipient of Dr. R. Ganapati Oration (2021) this year.

Dr Patki was declared a National Scholar in 1975-76 and has a wide spread experience of working in the field of Leprosy.

He has worked in close association with Dr Jal Mehta and Dr Vithal Jadhav in his earlier years of carrier and has 43 published articles to his credit in National and International Journals.

DR RABINDRA NATH DUTTA MEMORIAL ORATION 2021

Rabindra Nath Dutta Memorial Oration is initiated by his son Prof. Rathindra Nath Dutta for honouring imminent personalities in the field of Aesthetic and Cosmetic Dermatology. RN Duttawas born in Jessore district of India (Now Bangladesh) around the time Lord Curzon partitioned Bengal. Though born in rich farmer family, he being adventurous in nature, left his home and came to Jamshedpur at the time when the Tata's were concentrating in steel production of our country. His passion for adventure made him join the Royal Indian Army andtravel in the Middle East during the IInd world war. Seeing the plight of common Indians he decided to retire from the Army and help his own people. Back in Jamshedpur, he joined Telco and started helping others and earned deep respect from all. He avoided publicity and till the end he led a simple and fragile life. He left behind a host of successful people who work for the betterment of the society.



RABINDRA NATH DUTTA



Dr. P. C. Singh

Dr P.C. Singh, is a recipient of Rabindranath Dutta Memorial Oration this year. Dr Singh born on 5th August 1943 in Odisha, has completed his graduation in Medicine from Buria Medical College, Odisha in 1966 and Masters in Dermatology from S.C.B. Medical college, Cuttack in 1971. Dr Singh has immense teaching experience as a Prof. and HOD in various medical colleges in Odisha and is presently working as Principal at Chakradhara Institute of Rehabilitation Sciences at Bhubaneshwar. He is a member of various associations and scientific bodies and has organized many state and national level workshops and conferences. Dr. Singh has many articles to his credit in national and international journals and is author of a book "An introduction to clinical Dermatology". Dr Singh was Felicitated by IAL (2015) and is a recipient of Life Time Achievement award by IADVL (2016) and other state and national level awards.



Indian Association of Leprologists

Report of the activities

2017-2021

Seminar on "Operational Analysis of Leprosy Case Detection Campaign (LCDC) In Maharashtra State"

A one day Seminar on "Operational Analysis of Leprosy Case Detection Campaign (LCDC) In Maharashtra state" was organized jointly by Indian Association of Leprologists (IAL), Office of Joint Director of Health Services (Leprosy and TB), Govt. of Maharashtra in collaboration with Bombay Leprosy Project (BLP), Mumbai.

The seminar was held on 20th April 2018 at Office of Joint Director of Health Services, Govt of Maharashtra at Parivartan Sabhagraha, Arogya Bhavan, Vishrant Wadi, Pune.

Main Objectives of the seminar were **a**) to discuss and analyze the trends, experiences and difficulties in Leprosy Case Detection Campaign in Maharashtra **b**) to deliberate on operational issues and recent advances and **c**) to prepare a blue print of recommendations and guide lines with a view to strengthen the leprosy elimination programme in the State.

Seminar was attended by Senior IAL Members and District ADHS (Leprosy) from various districts including Joint Directors of Health Services, Medical Officers and Supervisors. Total of 91 delegates from all over Maharashtra participated in the Seminar.

Dr V Rokade, ADHS (Leprosy) Pune, the main architect of the meeting on welcoming all the delegates including Senior members of IAL, Assistant Directors of Health Services from different districts of Maharashtra, Medical Officers and other participants, elaborated on the importance of this IAL and NLEP joint meeting. He stated that it is a unique opportunity for NLEP Programme Managers to utilize the expertise and exchange views with eminent members of IAL present, with longstanding experience in the field of leprosy. All the Guest Speakers of the programme were also welcomed with flowers and a souvenir.

Dr V.V. Pai, Director Bombay Leprosy Project and Vice President of IAL gave a brief History of IAL. He further stated that IAL is a Professional body of experienced and dedicated Leprologists from all over India. IAL members are involved in treatment, management of leprosy patients most importantly reaction and neuritis and as well into basic and applied research in various aspects. Other activities of IAL include training of medical and health professionals in leprosy through seminars, workshops, CMEs, Conferences and meetings.

The fact that Maharashtra is 3rd highest State as far as new case detection rate is concerned, emphasizes the need for close collaboration between various governmental, nongovernmental and private players towards resolving the issues related to early detection, effective treatment and management of patients. On behalf of IAL, he assured all round support of IAL members to the NLEP.

The 1st scientific session was on "Diagnosis and treatment of leprosy in the current scenario" was chaired by Dr V.V Dongre, an eminent Leprologist and Past Hon. Secretary of IAL.

First presentation was on "Applications of laboratory investigations in leprosy diagnosis" by Dr (Mrs.) VP Shetty, Sr. Scientist at the Foundation for Medical Research, Worli Mumbai and she is also the Central Council Member of IAL.In her presentation she emphasized on the importance of early and accurate diagnosis of leprosy for which slit skin smear and histopathology are the two most important and indispensable tests. She also elaborated on the need for Nerve biopsy confirmation of leprosy in cases presenting with only neurological manifestations (Pure neural leprosy), which forms around 10%-15% of total new cases in India.

Second presentation by Dr M.D Gupte, Epidemiological Consultant, ICMR and Past President of IAL – on "Shorter regimes for treatment of leprosy" gave an update on ongoing Uniform - MDT (U-MDT) trials. Primary outcomes of this ongoing trial were 1) better compliance 2) lower relapse rate 3) use of clofazimine was well accepted by PB patients. **He further emphasized that public health goals, research and action should go hand in hand.**

Third presentation was by Dr Kiran Katoch, Former Director, JALMA Agra and Past President of IAL Dr. Kiran Katoch presented 1) findings of the National Sample Survey (2012-2013) conducted by ICMR and 2) Role of Immunotherapy and Immunomodulation in leprosy. Dr. Katoch further highlighted on the findings using MIP vaccine as an Immunomodulator and also mentioned about the ongoing trial using MIP vaccine as an immuno prophylactic agent among contacts of leprosy in parts of Gujarat and Bihar.

Fourth presentation was by Dr VV Pai on "Challenges in differentiation of reactions and nerve damage in leprosy and its management". He talked about his vast experience in treating Type 2 Lepra Reactions using Thalidomide and type 1 reaction with Clofazimine along with steroids at BLP, a prime Referral Centre in the eastern suburbs of Mumbai. He also cautioned that careful long term monitoring is a must to prevent further disability and to improve the quality of life of patients.

The post lunch session was on "The findings of LCDC in Maharashtra State" which was chaired by Dr Kiran Katoch and Dr Rajure, ADHS (Leprosy) Pune.Dr Babulgaonkar, ADHS,Thane district, Dr Khandare, ADHS, Palghar district, Dr Pande, ADHS, Chandrapur district and Dr Paradkar, ADHS Gondia district presented the outcome of the LCDC conducted in their respective districts.

It was further highlighted that LCDC has increased the case detection rate by about 20% to 30% indicating the effectiveness as well as prevailing high incidence of hidden cases in the areas covered. Following the second scientific session there was open discussion and question and answer session where the participants took active interest in getting their doubts cleared.

Dr. V. V. Dongre while summing up the session requested to be patient with the patients.

Dr (Mrs) Mrudula Save, Hon Secretary of IAL; proposed the Vote of Thanks. While thanking Dr. V. V. Pai and Dr. V. Rokade for organizing the Seminar. She also thanked all the Guest Speakers, Chair persons and the participants for making it a grand success. She further stated that leprosy free world and India is every ones dream and working together will make it a reality.

Photographs of presentations, section of the audience and Panel Discussion during the Seminar













67thFoundation day of Indian Association of Leprologists CME on Leprosy, 2nd October 2018, Kolkata

The 67^{th} Foundation day Celebration of the Indian Association of Leprologists was organized on 2^{nd} October 2018 at the General Lecture Theater, School of Tropical Medicine, Kolkata.

During this function a half day seminar was organized in collaboration with Dept. of Dermatologyand Pharmacology, School of Tropical Medicine, Department of Leprosy Control Programme, Govt. of West Bengal and IADVL West Bengal.

The theme of the seminar was "Current Scenario of Leprosy in India – In Search of the Ideal Ways to keep up the Status of Elimination". Prof. (Dr) P.K. Mitra, Director of Medical Education, Govt. of West Bengal, and Ajay Kr. Chakraborty, Director of health Services graced the occasion.

Various topics covered during the symposium include:

1. Leprosy – Present Presentation & management By Dr Helen Roberts, Head; The Leprosy mission, Kolkata.

Highlighted the challenges faced today in management of difficult presentations of leprosy and gaps in services provided to persons affected with leprosy.

2. Reconstructive Surgery - Prof. Rupnarayan Bhattacharyay, Plastic Surgeon of R G Kar Medical College and Hospital.

Dr Bhattacharya active in the field of reconstructive surgeries for persons affected with leprosy, discussed the need for and importance of this approach of treatment and analyze the difficulties faced so far.

- 3. Towards Zero from leprosy Dr Vivek Lal, Director GLRA
- 4. Self Help Programme for Leprosy Patients Prof. Nilay Kanti Das, Bankura Medical College & Dr. Nibir Biswas, School of Tropical Medicine, Kolkata & their team
- 5. Vaccines in Leprosy Prof. U. Sengupta, Ex-JALMA, Agra
- 6. The incurable Blindness from Leprosy Prof. Swapan Samata, HOD, Ophthalmology, Burdwan Medical College (Imm. Past President, IAL)
- 7. Ethics and Leprosy Prof. Santanu Kumar Tripathi, School of Tropical Medicine, Kolkata

Around 70 participants including senior IAL members, Office bearers of IAL, Students and staff of STM, Kolkata, Local dermatologists and invited guest attended the 'IAL Foundation Day Celebration. The function was followed by lunch for all the participants.

In the afternoon from 2.30 to 4.00 pm the Annual General body meeting of IAL was held in the same hall.

67th Foundation Day Celebration of the Indian Association of Leprologists and CME Programme: School of Tropical Medicine, Kolkata, West Bengal, on 2nd October, 2018









IAL Foundation day, 2nd October 2019, Kolkata



IAL Midterm Symposium, 17th and 18th August 2019, Mumbai

The Mid Term National Symposium of Indian Association of Leprologists (IAL) was organized in collaboration with Bombay Leprosy Project (BLP) and Tata Institute of Social Sciences (TISS), Mumbai on 17th and 18th August 2019 at TISS, Mumbai. The theme of the symposium was; "Leprosy Scenario Post Elimination and Way Forward'.

Around 100 delegates from various stake holders of leprosy have participated in the meeting. Symposium was well represented and attended by members of various State Govts, NGOs, ICMR, ILEP, Laboratory Scientists, Medical Colleges, Practising Dermatologists, Social Scientists and PG students. Inauguration of the Symposium was done with lighting of traditional lamp by Dr. Shalini Bharat, Director, TISS and Dr V M Katoch, Former Secretary, Dept of Health Research, Director General ICMR, Dr V V Pai Director BLP and Organizing Secretary, Dr Vanaja Shetty, Scientific Chairperson, Dr M Save, Hon Secretary, IAL.





Welcome Note and Outline of the Programme was given by Dr V V Pai followed by outline of the Scientific Programme by Dr V P Shetty, Key Note address by Dr VM Katoch, Address by Dr. Shalini Bharat, Chief Guest, address by Dr Adkekar, ADHS (Leprosy), Pune Govt of Maharashtra and by Dr Rashmi Shukla, WHO, New Delhi. During the Inaugural session, the Abstract Book comprising Messages by Union Health Minister, GOI, Eminent Functionaries of ICMR, IAL and Oral and Poster presentations was released at the hands of Chief Guest and Dignitaries.





Scientific Session on first day was divided into 5 sessions, each Session comprising of 4-5 oral presentation of 15 minutes each followed by question and answers after the end of each session. Each session was chaired by two faculty members and experts on the topic presented in the respective session.

First session discussed on the current situation, strategy and progress made towards achieving zero leprosy in which current WHO guidelines on leprosy and outcome of Leprosy Case Detection Campaign (LCDC) in Maharashtra and Delhi, Case detection in leprosy and challenges and utility of guidelines at Primary Secondary and Tertiary care level was discussed.

Second session was on the preventive approaches in control and management of leprosy. It consisted of 5 talks based on Single dose Rifampicin SDR Chemoprophylaxis, vaccines in post elimination period, role of nerve function assessment in disability prevention, surgical intervention in deformity prevention and correction was discussed.

Third session dealt with best practices and challenges in diagnosis and management of leprosy. In this, various diagnostic modalities in detecting leprosy like Nerve Conduction studies (NCV), Ultra-Sonography of the nerves, skin and nerve histopathology was discussed.

Fourth session dealt with the challenges in treatment and management of reaction and neuritis. In this session management of type 1 and type 2 reaction was discussed. Unique feature of the Symposium was in this session being an Online Live Video talk by Dr Joel Almeida from London, UK gave a presentation on burning issues in leprosy and emphasised on the importance of post RFT chemoprophylaxis of borderline lepromatous and lepromatous leprosy patients to break the chain of transmission.





Fifth session comprised of Poster walk during which interested delegates who submitted their posters were displayed and discussed by the Chairpersons and delegates. In this session, 8 posters covering various topics like field based experience, clinical features, new drugs for reaction management, new molecular tools evoked interest among the participants. At the end of first day of the Symposium, Central Council meeting of IAL was conducted.

On day 2, 18th August 2019 the session started with sixth scientific session on topics on advances and application of laboratory tests and tools in diagnosis and management. This session had 5 talks based on, laboratory tests in clinical practice, molecular tools in early diagnosis and drug resistance, biomarker for early detection and priority research investments needs in leprosy.

Seventh session was about the Public Private Partnership and Role of Dermatologists in quality services. In this session private practicing dermatologists shared their experiences in treating leprosy patients in their private clinics. This session also discussed about the Neglected Tropical Diseases

(NTD) with reference to leprosy elimination and leprosy referral system and current scenario.

Eighth session was about the social and rehabilitation/ Human rights and talks were on Role of NGOs in comprehensive rehabilitation care, leprosy care in health care systems, role of ILEP in leprosy elimination were discussed. The session ended with the talk of Mr. Narsappa representing Association of Persons affected with leprosy (APAL) and talked about the importance of community participation.



Dr. Sujai Suneetha presenting a paper



Section of delegates



Dr. Rashmi Shukla presenting perspectives



Panelists in scientific session



The Symposium concluded with a set of clear recommendations which will be submitted to Central Leprosy Division, NLEP, GOI and ended with vote of thanks by Dr M Save, Hon Secretary, IAL with the hope that the deliberations and Recommendations of the Symposium will help the NLEP in the way forward towards the goal for **"Leprosy free India"**.

68th Foundation Day Celebration of the Indian Association of Leprologists CME on Leprosy, 2nd October, 2019, Kolkata

The Indian Association of Leprologists conducted a symposium on "Leprosy, its present status and ethical aspects" in collaboration with Department of Leprosy, Govt. of West Bengal and The School of Tropical Medicine (STM), Kolkata from 10:00 am to 1:30 pm on 2nd October 2019. The programme outline includes welcome address by Prof. (Dr) R.N. Dutta, President IAL followed by inaugural Talk by Prof Dr Pratip K Kundu, Director, STM, Kolkata.

Prof Dr Santanu K Tripathi, from STM, Kolkata presented on 'Socio-cultural and Ethical Issues in Leprosy Care – Global Perspectives and Situation in India'. This was followed by presentation of Dr Pallab Bhattacharya, Dy DHS (Public Health), Government of West Bengal who gave an overview of 'Epidemiology of Leprosy in India'. Dr Soumitra Pramanik, District Leprosy Consultant, Government of West Bengal presented on Leprosy Care – Current Status in West Bengal.

Prof (Dr) Swapan Kumar Samanta, Immediate Past President, IAL presented on Approach of Community Ophthalmology towards PAL. Dr Shambo Samrat Samajdar, Post-doctoral Resident in Clinical Pharmacology, STM, Kolkata; presented on 'Drug Treatment and Prevention of Leprosy'.

The presentations were followed by Valedictory function and High Tea.







69th Foundation Day Celebration of the Indian Association of Leprologists Webinar on Leprosy, 2nd October, 2020, Kolkata

IAL Foundation day, 2nd October 2020 was celebrated online using a web platform under the auspice of IAL in collaboration with Department of Clinical and Experimental Pharmacology, School of tropical Medicine, Kolkata and technical support by Inovocare Healthsoft Solutions from 3.00 – 6.00 pm.



Theme of the webinar was **"Leprosy isn't what you think".** The Foundation Day function started with Welcome Note by Prof Santanu K Tripathi, Head,

Department of Clinical & Experimental Pharmacology, School of Tropical Medicine, Kolkata.

Inaugural Speech by Swami KripakaranandaJi Maharaj (Dr), Monk, Rama Krishna Mission, Belur Math, presently working in Ramkrishna Mission Home of Service, Varanasi. This was followed by scientific session

Speech by Prof Debasish Bhattacharya, Director of Medical Education, Govt of West Bengal and Address by Dr Ajay Chakraborty, Director of Health Services, Govt of West Bengal, Address by Dr Mrudula Save, Hon. Secretary, IAL and Theme Lecture by Prof Rathindranath Dutta, President, IAL.

Technical events include

Session I. Chairperson: Prof. Apurba Mukherjee -

Leprosy sufferers in Covid 19 crisis by Prof Jyotirmoy Paul.

Session II. Chairperson: Prof Rathindra Nath Dutta

Early Diagnosis of Leprosy – Dermatologist's Perspectives by Prof. Sudip Ghosh.

Session III. Chairperson: Prof Bibhuti Saha

Prescribing in People with Leprosy - Clinical Pharmacological Considerations by Dr Sumalya Sen. Twin Talks on MIP Vaccine: Chairperson: Prof Nilay Das

The Inventor Speaks - by Dr G P Talwar

Promises and Prospects - by Dr Shambo S Samajdar

Discussion

Session IV. Chairperson: Dr Chiranjib Bagchi

Complications of Leprosy – A Surgeon's Viewpoints by Prof Rupnarayan Bhattacharya

Panel Discussion - 'Leprosy isn't what you think'

Chairperson: Dr S M Naser, **Moderator:** Dr K Katoch, **Panelists:** Dr G P Talwar, Dr V M Katoch, Dr Asit Biswas, Dr Pritam Roy, Prof Swapan Samanta, Dr Vivek Lal

Valedictory Session : Prof Pratip Kumar Kundu, Director, School of Tropical Medicine, Kolkata

Webinar CME on Leprosy Swami Vivekanand Jayanti 12th January 2021

Webinar CME on leprosy using a zoom platform was organized under the auspice of IAL by Prof. Santanu Kumar Tripathi, interim treasurer IAL in association with Bengal Forum of Clinical Pharmacology and Therapeutics and Inovocare Health soft Solutions on the occasion of Swami Vivekanand Jayanti on 12th January 2021 from 8.30 pm onwards. Theme of the seminar was **Leprosy – A neglected Tropical Disease** – U tube link available. (http://youtu.be/5hwR-Wg08Lo) The event was chaired by Dr. V. M. Katoch, DG-ICMR (Formerly) and Dr Santanu Kumar Tripathi, Senior Clinical pharmacologist and Dean, NSMMCH, Patna The scheduled sessions were :

- 1. Leprosy, a perennial Public Health Concern in India The Way Forward by Dr K. Katoch
- 2. Diagnosis and Management of Leprosy Dermatologists' Perspective by Prof. R. N. Dutta
- 3. MIP vaccine current status by Dr Shambo S. Samajdar

The seminar was much appreciated by the IAL members and other participants.



National Leprosy Symposium, 2018 & 2019

"IAL handbook of Leprosy" for Medical Officers, Bhopal, 2018' - Dr V.V. Pai on behalf of Indian Association of Leprologists informed that the organization has prepared "IAL handbook of Leprosy" for Medical Officers at the meeting of "National Level Meeting for Community Based Organizations(CBO)/ Non-Governmental Organizations(NGO) working under NLEP" held on 20-21st March, 2018, Bhopal, MP.

'National leprosy symposium, New Delhi 2018' was organized in association with SIG IADVL NLEP, Govt. of India and other stake holders; on 24th August, 2018 at Hotel Radisson Blue, Kaushambi, Ghaziabad. Theme of the symposium was "Accelerating towards A Leprosy – Free India".

'**2nd leprosy symposium, New Delhi 2019'** was organized in association with SIG IADVL,NLEP Govt. of India and other stake holders; on 24th August, 2018 at Hotel Radisson Blue, Kaushambi, Ghaziabad. Theme of the symposium was **"Research Priorities for a Leprosy Free India".**







Anti-leprosy day celebrations 2018 and 2019 by various groups from Mumbai, Kolkata and Agra

Public Rally for awareness on Leprosy: BLP staff, Health post staff and CommunityHealth Volunteers of BMC, College Volunteers from Rotary Club of Matunga and staff nurses of LTMMC, Sion Hospital, Mumbai have participated.









Training of ASHAs, Nurses and community volunteers, Mumbai



Seminar on Challenges in Leprosy for Doctors, nurses and Health Staff at Bandra



Sparsh Campaign in rural areas of Thane district



Leprosy awareness rally by Nursing Staff, PHC Vasind



Campaign inremembrance and tributes to Mahatma Gandhi



Leprosy awareness among Anganwadi, Children and their Parents



Leprosy awareness message by Community Volunteer



Program conducted by NJIL & MD, ICMR, Agra in 2019



Program conducted by GRECALTES, Kolkata in 2018

Observing Anti-Leprosy Fortnight in collaboration with IADVL Maharashtra Branch, SIG Leprosy IADVL and IAL

It is extremely necessary and important that the observance of anti-leprosy week and fortnight should not limit to only creating awareness about the disease but also to reemphasize the fact that the strategies for early case detection and prevention of deformity need to be further strengthened at various levels. Bombay Leprosy Project (BLP) has been undertaking every year several community based initiatives, campaigns and activities and this year too organized several such programmes from 30th January to 13th February 2018 in collaboration with IADVL

Maharashtra Branch, SIG Leprosy IADVL and Indian Association of Leprologists.

BLP observed the fortnight beginning with an interactiveTelevision Marathi programme for the State of Maharashtra, [https://youtu.be/md0c14 Xelto] on Doordarshan Television channel for programme titled "Sakhi Sahyadri".

Public Rally in Dharavi slums, campaigns and awareness programmes in other slums, urban health centers, public health hospitals and medical colleges which included exhibition with display of

posters, group talks, training of health staff, special slum campaigns in the endemic slum pockets for case detection, skin camps and putting up exhibition in public places. Leaflets on leprosy for public education were also distributed.

BLP volunteers also organized this year special **SPARSH CAMPAIGN** in the villages of **Thane district** where the POD programme is undertaken to involve the rural panchayats and villagers to support the programme.

On Anti Leprosy Day Dr Pai, Dr Mukadam, Dr Save and Ms Parul Negi addressing thegathering at Referral center, Sion, Mumbai.







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