



INTERNATIONAL CONFERENCE

ON

CHALLENGES AND STRATEGIES IN REPRODUCTIVE AND ENVIRONMENTAL HEALTH WITH SPECIAL REFERENCE TO COVID-19 PANDEMIC

&

31st Annual Meeting of the Indian Society for the Study of Reproduction and Fertility (ISSRF)

Scientific Programme



















19th – 21st February, 2021


Virtual Conference

19th February 2021, Friday




08:30 AM				LOGIN			
09:00 AM				Inaugural Ceremony			
		Chief Guest Balram Bhargava Secretary, DHR & DG, ICMR		Guest of Honor P C Joshi VC, University of Delhi			
 Nirmal Jindal Principal, Satyawati College		 R S Sharma Secretary-ISSRF		 N K Lohiya President-ISSRF		 Rajeev Singh Organizing Secretary	
Lifetime Achievement Awardees							
 Anil Suri NII, New Delhi		 Rishma Dhillon Pai Pai's FWH, Mumbai		 A K Misra ASRB, New Delhi			
09:30 AM		Oration-I		Prof L S Ramaswami Memorial Oration			
 Prof L S Ramaswami (1 Jan, 1907 to 18 May, 1987)		 Balram Bhargava , Secretary, DHR & DG, ICMR, New Delhi India's fight against COVID-19 Pandemic: Role of ICMR					


19th February, 2021 Friday Session – 1			Ontogenesis of Corona Virus & Reproductive Health			
			Chairpersons			
				S K Gupta NII, New Delhi		
10:00 AM		IT-1	Pradeep Kumar G. , RGCB, Trivandrum SARS-CoV-2 ontogenesis - Claims and contradictions			
10:20 AM		IT-2	Dheer Singh , NDRI, Karnal Neuropilin-1: A potential candidate receptor for SARS-CoV-2 entry in granulose cells			
10:40 AM		IT-3	Rita Singh , DU, Delhi Sex differences in the incidence and severity of COVID-19			
11:00 AM		IT-4	Sarah Cherian , NIV, Pune Evolutionary trends based on genomes of Indian SARS-CoV-2			
11:20 AM		IT-5	Deepak Modi , NIRRH, Mumbai Placenta, pregnancy and COVID-19			
11:40 AM–11:45 AM		Concluding remarks by Chairpersons				
 Dr T C Anand Kumar (18 Jan., 1936 to 26 Jan.,2010)			Founder President Dr T C Anand Kumar Memorial Oration			
			Chairpersons			
				V M Katoch RUHS, Jaipur		
11:45 AM	Oration-II		Randeep Guleria , Director, AIIMS, New Delhi Environment and Health during COVID-19 Pandemic			
19th February, 2021 Friday Session – 2			Management of Pregnancy and Prenatal Outcomes during COVID-19 Pandemic			
			Chairpersons			
				Suneeta Mittal Fortis, Gurugram		
12:15 PM		IT-6	Rishma Dhillon Pai , Lilavati Hospital, Mumbai Antenatal care- Modifications and management in the COVID-19 era			
12:35 PM		IT-7	Sweta Gupta , Medicover Healthcare, New Delhi Impact of COVID-19 on early pregnancy			
12:55 PM		IT-8	Narendra Malhotra , Rainbow IVF, Agra Pregnancy management in corona virus disease: Challenges in developing countries			
1:15 PM		IT-9	Manika Khanna , Gaudium IVF, New Delhi Troubleshooting of high-risk pregnancy during COVID-19 Pandemic			
1:35 PM–01:40 PM		Concluding remarks by Chairpersons				
01:40 PM		Lunch Break				

 Dr (Mrs) Mridula Kamboj (12 Nov., 1944 to 8 Jan.,2015)		Dr (Mrs) Mridula Kamboj Memorial Oration			
		Chairpersons			
		 V P Kamboj CDRI, Lucknow	 Alka Kriplani AIIMS, New Delhi		
02:10 PM	Oration-III	 Deepa Bhartiya , NIRRH, Mumbai Stem cells for reproductive health and disease			
IFS Session					
19th February, 2021 Friday Session – 3		Intrauterine and Vertical Transmission of SARS-CoV-2 in Pregnant Women			
		Chairpersons			
		 Kamal Buckshee Apollo Hospital, New Delhi	 Sangita Sharma , NITRD, New Delhi		
02:40PM		IT-10	Sudha Prasad , Matritava IVF Centre, New Delhi COVID-19 – How does it affect human reproduction?		
03:00 PM		IT-11	K D Nayer , Akanksha IVF Centre, New Delhi Placenta and COVID-19 – What is the evidence?		
03:20 PM		IT-12	Sonia Malik , Southend Fertility & IVF, Delhi Complications of COVID-19 during pregnancy		
03:40 PM		IT-13	Neena Malhotra , AIIMS, New Delhi How have we changed our management strategies for antenatal care in the days of COVID-19 pandemic		
04:00 PM-04:05 PM		Concluding remarks by Chairpersons			
19th February, 2021 Friday Session – 4		Issues and Challenges in Undertaking ART Services during COVID 19 Pandemic			
		Chairpersons			
		 Gauri Devi Ridge Fertility, Delhi	 Kuldeep Jain Kuldeep Jain's IVF, Delhi		
04:05 PM		IT-14	Hrishikesh Pai , Bloom IVF Group, Mumbai Return of ART services during COVID-19 pandemic		
04:25 PM		IT-15	Nandita Palshetkar , Bloom IVF Group, Mumbai Poor ovarian reserve and COVID-19		
04:45 PM		IT-16	Manish Banker , Nova IVI Fertility, Ahmadabad PGT A and PGT M: Current understanding		
05:05 PM		IT-17	Neeta Singh , AIIMS, Delhi Optimizing IVF treatment and outcomes during COVID-19 pandemic		
05:25 – 05:30 PM		Concluding remarks			



19th February, 2021 Friday Session – 5	Note: Poster presentations for day 1st will be available the entire day.		Poster Presentation
END OF DAY 1			







20th February, 2021, Saturday

Prof N R Moudgal Memorial Oration			
Chairpersons			
 Prof N R Moudgal (4th March, 1931 –9th May, 2011)	 M L Madan DUVASU, Mathura	 Shio Kumar Singh BHU, Varanasi	



09:00 AM	Oration–IV	 Ashutosh Haldar , AIIMS, New Delhi Three decades of research experiences in human reproductive disorders
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20th February, 2021 Saturday Session – 6	Issues and Challenges in Management of ART Services during COVID-19 Pandemic
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Chairpersons			
 Abha Majumdar Ganga Ram Hospital Delhi	 Madhuri Patil Patil's Fertility and Endoscopy Clinic, Bangalore		


09:30 AM		IT-18	Jaideep Malhotra , Rainbow IVF, Agra Technology & artificial intelligence in art during COVID-19
09:50 AM		IT-19	Roya Rozati , MHRT, Hyderabad Non-invasive genetic markers in diagnosis of endometriosis
10:10 AM		IT-20	Kamini A Rao , Milann Fertility, Bangalore ICMR guideline during COVID-19 pandemic
10:30 AM		IT-21	Fatema Ashraf , SS Medical College & Hospital, Bangladesh Engagement of the couple with the management system to maximize the infertility outcome during COVID-19 and beyond
10:50 AM		IT-22	Shishta Nadda Basu , Max Superspeciality Hospital, New Delhi COVID-19 and its impact on reproductive health
11:10 AM – 11:15 AM			Concluding remarks by Chairpersons

20th February, 2021 Saturday Session – 7	Impact of COVID-19 on Adolescent & Women Reproductive Health
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Chairperson			
 Padma Rekha Jirge SACC, Kolhapur	 Nirmal Jindal Satyawati College, Delhi		





11:15 AM		IT-23	Duru Shah , TCWHF, Mumbai Strategies to reach out to the adolescent during COVID-19 times
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11:35 AM		IT-24	M Ashraf Ganie , SKIMS, Srinagar COVID-19 and adolescent health
11:55 AM		IT-25	P M Gopi Nath , SIMS, Chennai Impact of COVID-19 on infertility management
12:15 PM		IT-26	Poonam Singh , TMMC&RC, Muradabad COVID-19 pandemic - Impact on pregnancy & its management
12:35 PM – 12:40 PM		Concluding remarks by Chairpersons	
12:40 PM		Lunch Break	
20th February, 2021 Saturday Session – 8		Disinfection, Safe Disposal and Health Risk to Workers Handling Human Waste or Sewage during COVID-19 Pandemic	
		Chairperson	
			P K Chaturvedi AIIMS, Delhi
01:10 PM		IT-27	Vijaydeep Siddharth , AIIMS, New Delhi War on waste: Challenges and experiences in COVID-19 waste management
01:30 PM		IT-28	Anshuman Mishra , IAAM, Sweden Sustainable preventive models in COVID-19: Understanding, adaptations and impact
01:50 PM		IT-29	Indrakant K Singh , University of Delhi, Delhi Tackling human waste disposal challenges during COVID-19
02:10 PM		IT-30	Gagandeep Singh , AIIMS, New Delhi Disinfection practices in hospital during COVID-19 pandemic
02:30 PM – 02:35 PM		Concluding remarks by Chairpersons	
20th February, 2021 Saturday Session – 9		Beneficial and Harmful Effects of COVID-19 on Environmental Health	
		Chairperson	
			Umesh Rai University of Delhi Delhi
02:35 PM		IT-31	Kiran Guleria , UCMS, New Delhi Antenatal care during & beyond COVID-19 in India
02:55 PM		IT-32	Savita Yadav , AIIMS, New Delhi The novel coronavirus disease-2019 (COVID-19): An epidemic to pandemic crisis
03:15 PM		IT-33	Balaram Pani , University of Delhi, Delhi Environmental health perspective of COVID-19 Pandemic: Pros & Cons
03:35 PM		IT-34	R S Sharma , University of Delhi, Delhi COVID-19 pandemic endows rarest opportunities to restore environmental and societal resilience
03:55 PM – 04:00 PM		Concluding remarks by Chairpersons	

Session – 10	:	Note: Poster presentations for day 2nd will be available the entire day.		Poster Presentation
END of Day 2				

21st February, 2021, Sunday				
 Prof S S Guraya (12 Oct, 1930 to 8 July, 2012)		Prof S S Guraya Memorial Oration		
		Chairpersons		
		 S S Hundal PAU, Ludhiana	 Chandana Halder BHU, Varanasi	
09:00 AM	Oration-V	 Rajendra Singh , CDRI, Lucknow Genome methylation, male infertility and something in-between		
21st February, 2021 Sunday Session – 11		Epidemiological and Psycho-social Behavioral Links Between COVID-19 and SRH and Rights & Outcomes		
		Chairpersons		
		 Kaberi Banerjee AFGC, New Delhi	 Rishabh Rai IIT, Kharagpur	
09.30 AM	 IT-35	Rajesh Sagar , AIIMS, New Delhi Depression and anxiety in mothers in the community		
09.50 AM	 IT-36	Meerambika Mahapatro , NIHF, New Delhi For greater good of public health in COVID- A perspective on SRH and psychosocial Issues		
10.10 AM	 IT-37	Bontha V Babu , ICMR, New Delhi How COVID-19 pandemic impacted sexual and reproductive health care, rights and outcomes?		
10:30 AM	 IT-38	Sonali Kusum Bhattacharya , TISS, Mumbai Psycho social health & behavioral links between COVID-19 & reproductive health – Issues in India		
10.50 AM – 10:55 AM			Concluding remarks by Chairpersons	
21st February, 2021 Sunday Session – 12		Academia - Industry Interaction		
		Chairperson		
		 N K Mehra AIIMS, New Delhi	 B. Manivannan ANG Life Sciences, Baddi	
10.55 AM	 IT-39	Akhilesh Rawat , 3B BlackBio Biotech India Pvt. Ltd Clinical evaluation and application of TRUPCR [®] HPV high risk genotyping kit for detection and genotyping of high-risk human papillomavirus (HPV) in clinical samples		

11.15 AM		IT-40	Hasmukh Rawal , Mylabs India Pvt. Ltd Molecular diagnostics: The next frontier in reproductive health
11.35 AM		IT-41	Arvind Vaid , Indira IVF Evidence based practice in poor responders
11.55 AM		IT-42	Michael Richardson , Thermofisher Scientific Genetic screening for reproductive health: from preconception to newborn
12.15 PM		IT-43	Roche Diagnostic
12:35 PM		IT-44	Invex
12:55 PM–1:00 PM		Concluding remarks by Chairpersons	
1:00 PM		Lunch Break	
21st February, 2021 Sunday		Prof G P Talwar Gold Medal Award	
		Chairpersons	
		 G P Talwar Talwar Research Foundation New Delhi	 A S Ansari University of Rajasthan, Jaipur
01:30 PM	Oration-VI	 Rupasri Ain , IICB, Kolkata Trophoblast stem cell self-renewal and differentiation: Regulation by angiomin and Hippo dynamics	
02.00 PM	Founder President Dr. T. C. Anand Kumar Young Scientist Awards		
		AW-1	Monika Saini , AIIMS, New Delhi Management of an ART laboratory amid COVID-19 pandemic
		AW-2	Renjini A P , RGCB, Thiruvananthapuram Coordinated signaling by estrogen via ER dependent and independent mechanisms contributes to successful embryo implantation and pregnancy
02.35 PM	Prof G P Talwar Young Scientist Awards		
		AW-3	Arnab Banerjee , BITS Pilani, Goa Mammalian Gonadotropin releasing hormone (GnRH I): some new insights to the grand old master hormone
		AW-4	Prafulla S Ambulkar , MGIMS, Wardha The “common” large scale mitochondrial DNA deletions cause spermatozoa dysfunction in asthenozoospermic and oligoasthenoteratozoospermic infertile men
03:10 PM	Prof N R Moudgal Young Scientist Awards		
		AW-5	Bhuvaneshwaran S P , IIT, Kharagpur Multifunctional SMA (Styrene Maleic Anhydride) based hydrogel RISUG® for the application as the advanced form of intrauterine contraceptive implant
		AW-6	P. Perumal , ICAR-CIARI, Port Blair Augmentation of fertility in livestock species
03:45 PM	Dr (Mrs) Mridula Kamboj Young Scientist Awards		
		AW-7	Barnali Biswas , NIRRH, Mumbai Golgi N-Glycans: Integral during Spermatogenesis

		AW-8	Alka Sharma , BHU, Varanasi Oocyte quality and female infertility	
04:20 PM	Prof S S Guraya Young Scientist Awards			
		AW-9	Jitender Kumar Bhardwaj , Kurukshetra University, Kurukshetra Therapeutic potentials of N-Acetyl-L-Cysteine against methoxychlor induced apoptosis of ovarian follicular cells preventing infertility	
		AW-10	Anjali Somal , CSKHPKV, Palampur Comparative analysis of characterization, vitrification and immunomodulatory properties of caprine stem cells derived from fetal adnexa	
04:55 PM	:		Valedictory Function	