

# 8<sup>th</sup>

## Kolkata Liver Meeting

**iilds**  
INDIAN INSTITUTE OF LIVER  
AND DIGESTIVE SCIENCES



**LIVER FOUNDATION**  
WEST BENGAL



**Hotel J W MARRIOTT  
Kolkata**



**December  
16-18<sup>th</sup>, 2022**

# KOLKATA

**FRIDAY**

**16<sup>th</sup>**  
December  
2022

### Biomarkers in Liver Disease

TIME	SESSIONS	DURATION (Mins)	SPEAKER	CHAIRPERSON
12.00 - 14.00	LUNCH			
14.00 - 15.35	<b>Session 1: Biomarkers in Liver Disease - Perspectives and Challenges</b>			
	Why biomarkers are Needed and how to discover an useful one	20	Tania Kamphouse	Subrat Acharya Vivek Saraswat G K Dhali Ramesh Roop Rai
	Uses and Misuses of Biomarkers in Clinical Situations	20	Arun Sanyal	
	Building Digital Twins for Liver Disease	20	Mani Subramanian	
	A Case Discussion	25	Norah Terrault Jorn Schatterberg	
	Discussion	10		
15.40 - 16.00	COFFEE			
16.00 - 17.35	<b>Session 2: Biomarkers in Fibro inflammatory Liver Diseases</b>			
	Available Serum based markers and Composite panels in CLD	15	Abhijit Chowdhury	Premashis Kar G N Yatoo Uday Zacharia Kingsuk Das Suvendra Bhattacharya
	How Biomarkers could be effectively used in Indian Context	15	Ajay Duseja	
	Genomics of Fatty Liver in Indian Population	15	Partha P Majumdar	
	Extracellular Vesicles and Micro RNA as Biomarkers in Liver Diseases	20	Gyongyi Szabo	
	Single Cell Transcriptomics : Exciting tool for Biomarker Development and Defining drug targets and defining drug targets is repeated twice	20	Prakash Ramchandran	
	Discussion	10		
17.35 - 18.55	<b>Session 3: Biomarkers based on Imaging</b>			
	Functional Imaging of the Liver : Exciting Developments	20	Lars Johansson	Radha K Dhimann Sushant Jena Atul Sachdeva U Deka Moderator - Madhusudan K S
	Multiparametric MRI and Clinical outcomes in Liver disease	20	Rajarshi Banerjee	
	Case Discussion on Imaging based Biomarker	30	Samir Shah Neeraj Saraf Sanjiv Saigal	
	Discussion	10		
18.55 - 19.15	<b>STATE OF THE ART LECTURE ON THERAPY:</b> Novel Insights into Resolution of Fibrosis	20	Prakash Ramchandran	Sethu Babu Hari Kumar Nair
19.30 onwards	DINNER			

**SATURDAY**

**17<sup>th</sup>**

December  
2022

## Biomarkers in Liver Disease

TIME	SESSIONS	DURATION (Mins)	SPEAKER	CHAIRPERSON
08.00 - 09.00	<b>Early morning workshop : Interactive meeting on research planning</b>		Selected India Young Scientists by invitation	Arun Sanyal Rajiv Jalan Vivek Saraswat
09.00 - 10.20	<b>Session 4: Biomarkers of Liver failure and Organ Dysfunction</b>			
	Non Invasive Assessment of cACLD and portal Hypertension	20	Norah Terrault	P N Rao K T Shenoy Ramesh Kumar Partha Chakravarti B N Choudhury
	Acute Decompensation and Acute on Chronic Liver Failure- Role of Biomarkers	20	Rajiv Jalan	
	Markers of Renal Dysfunction in Advanced Liver Disease and ACLF	15	Pragyan Acharya	
	Early diagnosis and prognostic biomarkers of Sepsis in Liver failure	15	Rakhi Maiwal	
	Discussion	10		
10.20 - 10.40	<b>STATE OF THE ART LECTURE ON THERAPY:</b> Nutritional Management of advanced Chronic Liver Disease and Organ Dysfunction	20	Mark Manary	Partha S Mukherjee Rupesh Pokharna
10.40 - 11.00	COFFEE BREAK			
11.00 - 12.40	<b>Session 5: Biomarkers of Metabolic Health and NASH</b>			
	Dinesh To Present and Steer the Case	25	Dinesh Jothimani Manas Panigrahi Asish Kumar	Brajesh Sharma V M Dayal Kingsuk Dhar V Medhi Kalidas Biswas
	Transient elastography with expanded tools in NASH	20	Philip Newsome	
	Imaging Innovations in Fibrosis - Context of NASH	20	Lars Johanson	
	Digital Pathology in NASH	20	Arun Sanyal	
	Discussion	10		
12.40 - 13.30	<b>John C Martin Oration</b>	45	Shyam Kottlilil	Lilian Lou Kalyan Bose
13.30 - 14.30	LUNCH			
14.30 - 16.00	<b>Session 6: BIOMARKERS AND THE DEVELOPMENT OF THERAPY in Metabolic Health and Liver Diseases</b>			
	Disease and Therapy Monitoring Biomarkers For NASH	20	Jorn Schattenberg	M A Mahtab Asish Goel BD Goswami Dipayan Ganguly Zubin Sharma
	What does it take to establish a Surrogate Endpoint	20	Tania Kamphouse	
	Metabo Inflammation related Biomarkers in NASH	20	Arun Sanyal	
	Macrophages in NASH: Exciting targets for Development of a Biomarker.	20	Debanjan Dhar	
	Discussion	10		
16.00 - 16.30	<b>Session 7: Case Discussion on NASH - ASH - Interface</b>	25	Sunil Taneja Pankaj Puri Kaushal Madan	Jung Dilawari Sunil Dadhich Sujit Chowdhury
16.30 - 17.00	COFFEE BREAK			
17.15 - 18.45	<b>Session 8: Biomarkers of Alcohol Associated Liver Disease</b>			
	Bile acid based Biomarkers in Alcoholic and Non alcoholic Fatty Liver Diseases	20	Arun Sanyal	Anup Saraya Shravan Kumar Arijit Samanta Jayanta Dasgupta Akash Roy
	Biomarker panels in Assessment of DILI	20	Harshad Devarbhavi	
	Biomarkers in distinguishing Sepsis from Alcoholic Hepatitis	15	Gaurav Pande	
	NITs for diagnosis and Monitoring of therapy in Alcohol associated Liver Disease	25	Gyongyi Szabo	
	Discussion	10	Arun Sanyal	
18.45 - 19.05	<b>STATE OF THE ART LECTURE ON THERAPY:</b> Management of Severe Alcoholic Hepatitis : Beyond Steroids	20	Shiv K Sarin	Ambika Motwani Y K Chawla
19.30 onwards	DINNER			

**SUNDAY**

**18<sup>th</sup>**

December  
2022

TIME	SESSIONS	DURATION (Mins)	SPEAKER	CHAIRPERSON
08.00 - 09.00	<b>"My vision of the most organised care system for liver diseases in India" - DM / DNB / PhD students</b>	10 minutes each	6 to be selected	Rajiv Jalan Vivek Saraswat R K Dhiman Ajay Duseja Soma Banerjee
09.00 - 11.00	<b>Session 9: Biomarkers in HCC</b>			
	Case Discussion on Biomarkers for HCC	25	Akash Sukla Shalimar Subhas Gupta	Ranjit Ray Rajiv Mehta Bhaskar Nandy Srijan Majumdar Mahiuddin Ahmed
	Novel biomarker for HCC and Its Role in management	20	Ratna Ray	
	Biomarkers in Diagnosis and Prognosis of HCC	20	Lewis Roberts	
	HCC Development in CLD - Strength and Weakness of the available Indices	20	Subrat Acharya	
	<b>STATE OF THE ART LECTURE ON THERAPY:</b> Molecular therapy of Liver cancer - the expanding horizon	25	Lewis Roberts	
	Discussion	10		
11.00 - 11.15	COFFEE BREAK			
11.15 - 11.50	<b>Session 10: New Frontiers in Biomarkers</b>			
	Liver as a gateway in the Era of Digital Physiology enabled therapeutic Development	20	Anuj Gaggar	Subrat Acharya Rakesh Agarwal Nipun Verma
	Development of Biomarkers in Pediatric Liver Diseases - How can we Contextualise	15	Ujjal Poddar	
11.50 - 12.40	<b>Session 11: Chronic HBV - Newer Markers</b>			
	Insights from Liver Biopsy studies in HBV : Implications for Therapy	20	Anuj Gaggar	Amal Santra Kausik Das
	Novel markers for Disease and Therapy Monitoring in HBV	20	Nora Terrault	
	Discussion	10		
12.40 - 13.20	<b>Session 12: A K BASU MEMORIAL ORATION</b>	40	Rajiv Jalan	Ashokannada Konar G K Dhali
13.30 onwards	LUNCH AND CLOSURE			