BEST OF ASTRO INDIA
ANNUAL MEETING 2018

WE WERE SO MOVED...
by the cyclonic turn of events that
we ‘moved’ the dates to 29th & 30th June, 2019

Please accept our sincerest apologies.
There is nothing FONI about it!
8:00 AM - 9:00 AM  

REGISTRATION

9:00 AM - 10:30 AM  

SESSION - 01 (BREAST)  

Chairperson: Prof. Santanu Pal | Dr. Niladri Bihari Patra

- Gene expression changes predict acute and late toxicity to combined PARP1 inhibition and radiation (RT) in high risk breast cancer patients- results of the biomarker analysis of TBCRC 024  
  Speaker: Dr. Saro Jacob

- Risk of radiation pneumonitis following individualized modern radiotherapy with IMRT, a breath-holding technique, and prone positioning for breast cancer  
  Speaker: Dr. Rashmi Shukla

- Pathogenic mutations in ATM enhance radiosensitivity & local control in patients with primary and metastatic breast cancer  
  Speaker: Dr. Biswamit Bhattacharyya

- Influence of radiation dose to reconstructed breast following mastectomy on complication in breast cancer patients undergoing two-stage prosthetic breast reconstruction  
  Speaker: Dr. Soumadip Panda

- NRG-BR001: A Phase 1 Study of Stereotactic Body Radiotherapy (SBRT) for the Treatment of Multiple Metastases  
  Speaker: Dr. Dipanjan Majumder

- Reconstruction Failure Rates in Breast Cancer Patients with Two-Stage Expander/Implant Reconstruction Receiving Regional Nodal Irradiation with VMAT: Early Results of a Phase II Trial  
  Speaker: Dr. Jibak Bhattacharya

- Randomized Trial Evaluating Radiation following Surgical Excision for “Good Risk” DCIS: 12 Year Report from NRG/RTOG 9804  
  Speaker: Dr. Kanhu Charan Patro
• FAST phase III randomised controlled trial of radiotherapy hypofractionation for treatment of early breast cancer: 10-year results (CRUKE/04/015)
  Speaker: Dr. Sayan Das

• Comparison of Long-Term Complications and Reconstruction Failures After Autologous or Tissue Expander/Implant Based Breast Reconstruction and Post-Mastectomy Radiation for Breast Cancer
  Speaker: Dr. Souvik Paul

PANEL DISCUSSIONS

Moderator: Dr. Kaustav Talapatra
Panelist: Dr. Sandip Ganguly | Dr. Sanjoy Chatterjee | Dr. Saro Jacob | Dr. Shila Mitra | Dr. Rima Pathak

10:40 AM - 11:50 AM

SESSION - 02 (CNS)

Chairperson: Dr. Goutam Bhattacharjee | Dr. Rajat Bandopadhay

• Improved survival following immunotherapy in patients with lung and melanoma primaries metastatic to the brain treated with upfront stereotactic radiosurgery
  Speaker: Dr. Muktai Mukhopadhyay

• Preoperative Stereotactic Radiosurgery For Resected Brain Metastases: Updated Analysis of Efficacy and Toxicity of a Novel Treatment Paradigm
  Speaker: Dr. Chandrima Banerjee

• Elevated MGMT Gene Expression is Independently Associated with Worse Overall Survival in NRG Oncology/RTOG 9813: A Phase III Study of Radiation Therapy (RT) and Temozolomide Versus RT and Nitrosourea in Anaplastic Grade III Glioma
  Speaker: Dr. Arnab Adhikary

• Risk Factors for Progression of Low Grade Glioma Following Gross Total Resection and Observation in the Molecular Era
  Speaker: Dr. Koustav Mazumder

• Long Term Outcomes of a Phase II Trial of Neoadjuvant Temozolomide (TMZ) followed by Accelerated Hypofractionated Radiotherapy and Concomitant TMZ followed by Adjuvant TMZ in Patients with Newly Diagnosed Glioblastoma (GBM)
  Speaker: Dr. Kushal Narang

• Preservation of Neurocognitive Function with Conformal Avoidance of the Hippocampus during Whole-Brain Radiotherapy for Brain Metastases: Preliminary Results of Phase III Trial NRG Oncology CC001
  Speaker: Dr. Tanmoy Ghosh

PANEL DISCUSSIONS

Moderator: Prof. Tejpal Gupta
Panelist: Dr. Amitab Ray | Dr. Abhishek Basu | Dr. Kallol Bhadra | Dr. Kanhu Charan Patro
Dr. Anindya Mukhopadhyay

11:50 AM - 12:00 NOON

INAUGURATION
12:00 NOON - 12:30 PM
MEDICAL ETHICS

Chairperson: Prof. Santanu Pal • Speaker: Prof. Santanu Tripathi

12:30 PM - 12:50 PM
LUNCH SYMPOSIUM

Chairperson: Prof. Shyamal Sarkar

• Updated paradigm for management of unresectable Hepatocellular Carcinoma
Speaker: Dr. Koushik Chatterjee

12:50 PM - 01:30 PM
LUNCH

01:30 PM - 02:45 PM
SESSION - 03 (GI)

Chairperson: Prof. Siddhartha Basu | Dr. Subrata Saha

• A Randomized Phase II Trial of Preoperative Chemoradiotherapy Compared with Neoadjuvant Chemotherapy in Locally Advanced Gastric Adenocarcinoma
Speaker: Dr. Chandani Hotwani

• Adjuvant Chemoradiotherapy in Gastric Cancer after D2 resection
Speaker: Dr. Pouami Basu

• A Pilot Feasibility Study of Definitive Concurrent Chemoradiation with Pencil Beam Scanning Proton Beam in Combination with 5-Fluorouracil and Mitomycin-C for Carcinoma of the Anal Canal
Speaker: Dr. Sourav Guha

• Using Circulating Tumor DNA to Predict Surgical Outcome after Neoadjuvant Chemoradiation for Borderline Resectable/Locally Advanced Pancreatic Cancer
Speaker: Dr. Animesh Lahiri

• A prospective study assessing early Cardiotoxicity after Trimodality Therapy for Esophageal Cancer
Speaker: Dr. Kakali Chaudhury

• Predictors of Radiation-induced liver disease in patients with Hepatocellular Carcinoma undergoing Proton Beam Therapy
Speaker: Dr. Sandip Sarkar

• Preoparative Chemoradiotherapy potentially improves outcome for (borderline) resectable Pancreatic Cancer: Preliminary results of the Dutch Randomised Phase III PREOPANC Trial
Speaker: Dr. Sourav Ghosh

PANEL DISCUSSIONS

Moderator: Dr. Debnarayan Dutta
Panelist: Dr. Probraja Narayana Mohapatra | Prof. Litan Naha Biswas | Dr. Bhooshan Zade
Dr. Maitrik Mehta | Dr. Bipradas Roy
SESSION - 04 (GU)

Chairperson: Prof. Alok Ghosh Dastidar | Prof. Diptimoy Das

- Local Failure and Gleason Score 9-10 Disease Independently Predict for Survival Outcomes: A Meta-Analysis of Six Randomized Trials
  Speaker: Dr. Kalol Bhadra

  Speaker: Dr. Kaustav Talapatra

- Prospective Immunophenotyping of CD8+ _x0005f T-cells and Associated Clinical Outcomes of Patients with Oligometastatic Prostate Cancer Treated with Metastasis-Directed SBRT
  Speaker: Dr. Rajib Bhattacharjee

- Short Term Androgen Deprivation Therapy without or with Pelvic Lymph Node Treatment added to Prostate Bed only Salvage Radiotherapy: The NRG Oncology/RTOG 0534 SSPTOR Trial
  Speaker: Dr. Arundhati De

- 10-year Results of a Randomized Prospective Trial of Conventional Fractionated Versus Moderate Hypofractionated Radiation Therapy for Localized Prostate Cancer
  Speaker: Dr. Mukti Mukhopadhyay

- Toxicity and Biochemical outcomes of dose

- Intensified Post-Operative Radiation Therapy for Prostate Cancer-Phase III RCT Trial
  Speaker: Dr. Bodhisattwa Dutta

- Short-term Endocrine Therapy with Radiation Therapy in Patients with T1b-T2b Adenocarcinoma of the Prostate and PSA ≤20: A Long-term update of RTOG 9408
  Speaker: Dr. Debottam Barman

- Androgen Receptor Activity and Radiotherapeutic Sensitivity in African-American men with Prostate Cancer: A large scale Gene Expression Analysis and Meta-Analysis of RTOG Trials
  Speaker: Dr. Manjinder Singh Sidhu

- CHHiP: Changes in patient reported outcomes from baseline up to 5 ears in the CHHiP trial (Comparison of Hypofractionated High Dose Intensity Modulated Radiotherapy Schedules for Prostate Cancer) (CRUK/06/016)
  Speaker: Dr. Renu Madan

- Patient Reported outcomes of NRG Oncology/RTOG 0232: A Phase III Study Comparing Combined External Beam Radiation and Transperineal Interstitial Permanent Brachytherapy Alone in Intermediate Risk Prostate Cancer
  Speaker: Dr. Debanti Bannerjee

PANEL DISCUSSIONS

Moderator: Dr. Indranil Mallick
Panelist: Dr. Renu Madan | Dr. Koushik Chatterjee | Dr. Kanika Sharma Sood | Dr. Prasenjit Chatterjee

SESSION - 05

(GYNAECOLOGY)

Chairperson: Prof. Abhijit Basu | Prof. Pradip Maiti
• A Prospective Comparative Study of IMRT and 3D-CRT for Post-Operative Cervical Cancer Patients
  **Speaker:** Dr. Praloy Basu

• Human papillomavirus infection mediates response and outcome of vulvar squamous cell carcinomas treated with radiation therapy
  **Speaker:** Dr. Samrat Dutta

• Molecular Targeting to Expand the Therapeutic Ratio in Women with Curable Cervical Cancer
  **Speaker:** Dr. Upasana Mukherjee

• Small Cell Carcinoma of the Cervix: Definitive Chemoradiation for Locally Advanced Disease
  **Speaker:** Dr. Gaurav Goswami

• Global immune profiling of cervical tumors reveals a protective T-follicular helper cell response induced by radiotherapy
  **Speaker:** Dr. Bhoo Shan Zade

• Pre-Treatment [F-18]FDG-PET SUVmax as a Prognostic and Radiogenomic Marker of Inflammatory State in Cervical Cancer
  **Speaker:** Dr. Ritam Joarder

**PANEL DISCUSSIONS**

**Moderator:** Dr. Ayan Basu  
**Panelist:** Dr. Sandip Ganguly | Dr. Kaustav Basu | Dr. Mahesh Kumar Upasani | Dr. Subrata Saha  
Dr. Santam Chakraborty

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![Clock Icon] **05:35 PM - 06:50 PM**  
**DURATION - 75 MINS**

**SESSION - 06 (LUNG)**

**Chairperson:** Prof. Litan Naha Biswas | Dr. Suparna Ghosh Ray

• A phase II trial of stereotactic body radiation therapy for operable T1N0M0 non-small cell lung cancer. Japan Clinical Oncology Group (JCOG-0403): Long-term follow-up results
  **Speaker:** Dr. Arjit Sen

• Local Control Analyses of Pulmonary Oligometastases Treated By Stereotactic Body Radiation Therapy (SBRT) from a Multi-institutional Survey in Japan.
  **Speaker:** Dr. Roshni Singh

• Local Ablative Therapy Improves Survival in Patients with Synchronous Oligometastatic NSCLC Harboring EGFR Mutation Treated with First-Line EGFR-TKIs
  **Speaker:** Dr. Suranjan Maitra

• An Externally Validated Nomogram for Predicting Distant Metastasis after Stereotactic Body Radiation Therapy for Early-Stage Non-Small Cell Lung Cancer: Implications for Adjuvant Systemic Therapy
  **Speaker:** Dr. Nidhin Raj

• Local Consolidative Therapy (LCT) Improves Overall Survival (OS) Compared to Maintenance Therapy/Observation in Oligometastatic Non-Small Cell Lung Cancer (NSCLC): Final Results of a Multicenter, Randomized, Controlled Phase 2 Trial
  **Speaker:** Dr. Dodul Mondal

• PACIFIC: Overall Survival with Durvalumab Versus Placebo After Chemoradiotherapy in Stage III NSCLC
  **Speaker:** Dr. Abhishek Basu

**PANEL DISCUSSIONS**

**Moderator:** Prof. J. P. Agarwal  
**Panelist:** Dr. Kushal Narang | Dr. Chandrakanth MV | Dr. Moses Arunsingh | Dr. Pritanjali Singh  
Dr. Rajiv Choudhary Apsani
SYMPOSIUM

- **Session - Satellite Symposium - I**
  Targeted therapy in advanced gastric cancer:
  Panel Discussion
  **Chairperson:** Dr. Partha Das Gupta
  **Moderator:** Dr. Amitabh Ray
  **Panelists:** Dr. Abhishek Basu, Dr. Chandrakant MV & Dr. Koushik Chatterjee
  **Time:** 07.00 PM - 07.30 PM

- **Session - Satellite Symposium - II**
  Targeted Therapy & Immunotherapy in Management of Non Small Cell Lung Cancer
  **Chairperson:** Dr. Dinesh Kumar Sinha
  **Speaker:** Dr. Sandip Ganguly
  **Time:** 07.30 PM - 08.00 PM

- **Session - Satellite Symposium - III**
  Targeted therapy in EGFR M+NSCLC - which TKI to choose and when
  **Chairperson:** Dr. Amit Kumar
  **Speaker:** Dr. Abhishek Basu
  **Time:** 08.00 PM - 08.30 PM

- **Session - Satellite Symposium - IV**
  Updates in management of HER-2 Positive Carcinoma Breast
  **Chairperson:** Prof. Anup Majumdar
  **Speaker:** Dr. Sandip Ganguly
  **Time:** 08.30 PM - 08.45 PM

DINNER

Program Schedule

JUNE - 30
SUNDAY
SESSION - 07
(PATIENT SAFETY)

Chairperson: Dr. Judita Syimlieh

- Analysis of Retrospective Versus Prospective Peer Review in a Multisite Academic Radiation Department
  **Speaker:** Dr. Anish Bandyopadhyay

- Hazardous Attitudes: Physician Decision Making in Radiation Oncology
  **Speaker:** Dr. Pooja Nandwani Patel

- Knowledge-Based Error Detection in External Beam Physician orders using Association Rules
  **Speaker:** Dr. Subrata Saha

- High Volume Incident Learning System Use in Associated with Durable Improvement in Patient Safety Culture over 5 years
  **Speaker:** Dr. Arabinda Kumar Rath

- Using Relational Coordination to Assess Perception of Physician Teamwork Skills by Clinical and Administrative Staff
  **Speaker:** Dr. Anupam Datta

SESSION - 08
(HEAD & NECK)

Chairperson: Prof. JP Agarwal, Dr. Neeraj Jain

- A randomized, Placebo controlled, Double-Blind P2b Trial of GC4419 (Avasopasem Manganese) to Reduce Severe Radiation-related Oral Mucositis in patients with locally Advanced Squamous Cell Cancer of the Oral Cavity or Oropharynx
  **Speaker:** Dr. Biswanit Bhattacharya

- The Long Term Results of Adding Chemotherapy to IMRT for Stage II NPC - A Multicenter Phase 2 Study
  **Speaker:** Dr. Chandani Hotwani

- Smoking Cessation had good impact on clinical outcomes in patients with Head And Neck Squamous Cell Carcinoma receiving Curative Chemoradiotherapy
  **Speaker:** Dr. Dipanjan Majumder

- Eliminating Post-operative Radiation to the Pathologically Node Negative Neck: Long-Term Results of a Prospective Phase II Study
  **Speaker:** Dr. Kallol Bhadra

- Validating the AJCC 8th Edition of the Oral Cavity Cancer Staging System: A Multi-Institutional Collaborative Study
  **Speaker:** Dr. Litan Naha Biswas

- The Influence of Smoking and Age on Pathologic Features and Outcomes in Oral Cavity Squamous Cell Cancer: A Multi-institutional Collaborative Study
  **Speaker:** Dr. Jibak Bhattacharya

- Lymphovascular Invasion and Number of Neck Levels Involved Predict Distant Failure in p16+ Oropharyngeal Squamous Cell Carcinoma (OPSCC) following Transoral Robotic Surgery (TORS)
  **Speaker:** Dr. Harsh Dhar

- NRG-RTOG 1018: Phase III Trial Comparing Radiation/Cetuximab to Radiation/Cisplatin in HPV-Related Cancer of the Oropharynx
  **Speaker:** Dr. Monidipa Mondal

- Plasma Circulating Tumor HPV DNA for the Surveillance of Cancer Recurrence in HPV-associated Oropharyngeal Cancer
  **Speaker:** Dr. Devmalya Banerjee
**PANEL DISCUSSIONS**

**Moderator:** Dr. Kinjal R Jani  
**Panelist:** Dr. Cessal Kainickal | Dr. Poona Nandwani Patel | Dr. Harsh Dhar | Dr. Venkatesan Srinivasan

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**10:00 AM - 11:15 AM**  
**DURATION - 75 MINS**

**SESSION - 09 (PALLIATIVE CARE)**

**Chairperson:** Prof. Anup Majumdar | Prof. Shyamal Sarkar | Prof. Chandan Dasgupta

- **SABR-COMET: Stereotactic Radiation for the Comprehensive Treatment of Oligometastatic Cancers – Results of a Randomized Study**  
  **Speaker:** Dr. Debapriya Mondal

- **Optimized Survival Evaluation to Guide Bone Metastases Management: Developing an Improved Statistical Approach**  
  **Speaker:** Dr. Monidipa Mondal

- **Celiac Plexus Radiosurgery: A new modality for cancer pain management-phase II clinical trial**  
  **Speaker:** Dr. Sourav Guha

- **Integrating Radiation Oncology into Inpatient Interdisciplinary Rounds with Medical Oncology and Palliative Care**  
  **Speaker:** Dr. Nidhin Raj

- **Quality of life: A Prospective Randomized Trial of Palliative Volumetric Arc Therapy (VMAT) Versus Conformal Radiation Therapy (CRT)**  
  **Speaker:** Dr. Kazi Sazzad Manir

- **Patient Reported-Quality of Life in Oligometastatic cancer Treated with SBRT: Interim Report of a Phase II Multicenter Clinical Trial**  
  **Speaker:** Dr. Sayan Das

- **A Phase III Randomized Study Comparing Two Dosing Schedules for Hypofractionated Image-Guided Radiation Therapy in Patients with Metastatic Cancer**  
  **Speaker:** Dr. Madhu Sairam

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**PANEL DISCUSSIONS**

**Moderator:** Prof. Sushmita Ghoshal  
**Panelist:** Dr. Anish Bandypadhyay | Dr. Bikramjit Chakraborty | Dr. Nidhin Raj | Dr. Shrenik Ostwal  
Dr. Kunal Kishore | Dr. Richa Madhawi

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**11:15 AM - 12:00 NOON**  
**DURATION - 45 MINS**

**SESSION - 10 (LEUKEMIA)**

**Chairperson:** Prof. Anup Majumdar | Prof. Chandan Dasgupta

- **Salvage Treatment and Survival for Relapsed Follicular Lymphoma following Primary Radiotherapy: On behalf of ILROG**  
  **Speaker:** Dr. Nehal Khanna

- **Tandem Induction Radiation and Chimeric Antigen Receptor T cell Therapy in Patients with Relapsed or Refractory Non-Hodgkin lymphoma**  
  **Speaker:** Dr. Praloy Basu
PANEL DISCUSSIONS

Moderator: Prof. Siddhartha Laskar
Panelist: Dr. Vivek Agarwala | Dr. Rajib De | Prof. Purna Kurkure | Dr. Kazi Sazzad Manir | Dr. Nehal Khanna

12:00 NOON - 01:30 PM

SESSION - 11
(Physics & Biology)

Chairperson: Prof. Subir Gangopadhyay | Dr. Bipasha Pal

- Genetic Profiling of Oligodendrogliomas (IDH Mutated and 1p19q Co-deleted) Treated with Adjuvant Radiotherapy or Observation Informs Prognosis
  Speaker: Dr. Kushal Narang

- Association of Circulating Tumor Cells (CTCs) and Genomic Signatures in Prostate Cancer Patients
  Speaker: Dr. Suparna Kanti Pal

- Integrated Molecular Subtyping of Clinical Metastasis: Implication for Defining a Curable Oligometastatic State
  Speaker: Dr. Saro Jacob

- The Influence of the Pretratment Host Immune Inflammatory State and Response to Radiation Therapy in High Risk Adenocarcinoma of the Prostate: A Validation Study from NRG Oncology/RTOG 0521
  Speaker: Dr. Maitrik Mehta

- Clonal Expansion of Antigen Specific T-Cells during Radiation Therapy for HPV associated Cervical Cancers is Regulated by the Vaginal Microbiome
  Speaker: Dr. Chandrima Banerjee

- Functional Liver Image Guided Hepatic Therapy (FLIGHT) with Hepatobiliary Inominodiacetic Acid (HIDA) Scans
  Speaker: Dr. Rashmi Shukla

- Virtual Bronchoscopic Guided Dose response Modeling of Airways to Mitigate Radiation Induced Airway Injury in Lung SABR
  Speaker: Dr. Sandip Sarkar

- Intelligent 4D CT Sequence Scanning (4DCT)
  Speaker: Mr. Suresh Das

- Modeling of Locoregional Control in Hepatocellular Carcinoma After SBRT by integrating Clinical and Immune Cell Profiles
  Speaker: Dr. Kanika Sharma Sood

- Personalizing Prescription of Radiation Therapy Using Genomic Markers of Radiosensitivity
  Speaker: Dr. Somapriya Basu Roy

PANEL DISCUSSIONS

Moderator: Dr. Arabinda Kumar Rath
Panelist: Dr. Sayan Das | Dr. Dodul Mondal | Dr. Ayan Basu | Dr. Manjinder Singh Sidhu
Dr. Roshni Singh

01:30 PM - 02:15 PM

LUNCH BREAK

DURATION - 90 MINS

DURATION - 45 MINS
SESSION - 12
PRACTICAL RADIATION ONCOLOGY

Chairperson: Prof. Santanu Paul | Prof. Shyamal Sarkar

- Breast: To treat or not to treat: When can RT be omitted after breast conserving surgery?, Who Needs Post Mastectomy Radiotherapy
  Speaker: Dr. Anupam Datta

- Head and Neck Cancer- HPV positive Oropharynx Cancer
  Speaker: Dr. Saikat Das

- Treatment of Oligometastatic Prostate Cancer
  Speaker: Dr. Tanweer Shahid

- Post Operative Prostate Cancer
  Speaker: Dr. Madhu Sairam

- Updates in the Management of Brain Metastasis
  Speaker: Dr. Suman Mallik

- Strategies for Toxicity Reduction
  Speaker: Dr. Swapnendu Basu

- SBRT for Early Stage Lung Cancer
  Speaker: Dr. Trinanjan Basu

- RT in (Locally) Advanced NSCLC
  Speaker: Dr. Sayan Paul
BEST OF ASTRO INDIA

ANNUAL MEETING 2018

Organised by A3OI
On 29th & 30th June, 2019 at Taj Bengal, Kolkata
Host Chapter - AROI West Bengal
Host Institute - Narayana Superspeciality Hospital, Howrah