

BIOGRAPHICAL SKETCH



AMIT VERMA

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Education/Training:

INSTITUTION	DEGREE	FIELD OF STUDY	YEAR
UT MD Anderson Cancer Center, Houston, TX, USA	Fellowship	Experimental Therapeutics/ Cancer Medicine	2005-2007
All India Institute of Medical Sciences (AIIMS), New Delhi, India	Residency (MD)	Clinical Biochemistry/ Cancer Medicine	2002-2004
S.M.S. Medical College, Rajasthan, India	Bachelor in Medicine and Surgery (MBBS)	Medicine and Surgery	1995-2001

International Certifications:

Clinical Internship (Internal Medicine), UT Health Science Center (UTHSC), Houston, TX	2008-2009
Advanced Cardiovascular Life support, American Heart Association, UTHSC, Houston, TX	2008
Educational Commission for Foreign Medical Graduate (ECFMG), Philadelphia, PA, USA	2007
Writing and Publishing Scientific Articles, MD Anderson Cancer Center, Houston, TX, USA	2006
The Safe Handling of Radioactive Materials in Research and Clinical Laboratories, MD Anderson Cancer Center, Houston, TX, USA	2005

National/International Memberships and Affiliations (Membership Active/Past) :

Membership Active

1. Molecular Pathology Association of India (MPAI)
2. Delhi Molecular Oncology Group (DMOG)/Oncology Forum (OF)
3. Molecular Oncology Society (MOS)
4. Indian Cooperative Oncology Group (ICON)

Past Membership

1. American Association of Cancer Research (AACR)
2. American Association of Indian Scientist in Cancer Research (AAISCR)
3. American College of Physician (ACP)
4. American Society of Clinical Oncology (ASCO)
5. What Happening Around Transglutaminase (WHAT)
6. International Network of Cancer Treatment and Research (INCTR)
7. International Society for Gastrointestinal Hereditary Tumors (InSiGHT)

Current and Previous Positions and Employments:

Founder & CEO , Dr. AV Institute of Personalised therapy & Research Institute, Gurgaon.	Since 1/21
Chief Medical Director, Molecular Quest Healthcare Pvt. Ltd., Gurgaon.	Since 5/12
Principal Consultant, Molecular Oncology and Cancer Genetics; In-charge “Personalized Cancer Medicine Clinic” and “Familial Cancer Clinic” at Max Institute of Cancer Care, Delhi.	Since 12/12
Director Scientific Affairs, Pathkits, Metadesign Solutions Pvt Ltd., Gurgaon	Since 7/19
Director, Research & Development and Bio-repository, Senior Consultant, Molecular Oncology and Cancer Genetics HealthCare Global Oncology Hospital, Bangalore.	3/11-5/12
Head & Senior Consultant, Molecular Oncology, International Oncology, Fortis, Noida.	3/10-2/11
Physician, Department of Internal Medicine, UT Health Science Center at Houston, TX.	6/08- 6/09
Fellow, Ramalingaswamy Fellowship, Dept of Biotechnology, Govt. of India.	10/07- 5/08
Consultant, Dept of Genetic Medicine, Sir Ganga Ram Hospital, New Delhi.	07/07-06/08
Fellow, Experimental Therapeutics, UT MD Anderson Cancer Center, Houston, TX.	07/05-06/07
Senior Resident, Maulana Azad Medical College (MAMC), New Delhi.	02/05-06/05
Resident, All India Institute of Medical Sciences, (AIIMS), New Delhi.	01/02-12/04
Intern, S.M.S. Medical College, Rajasthan.	12/00-12/01

US Patent:

USA patent entitled "**Methods For Treating Cancer Targeting Transglutaminase.**"

Inventors: 1) **Amit Verma*** 2) Kapil Mehta 3) Sushovan Guha 4) Gabriel Lopez-Berestein 5) Anil K. Sood.

*In Collaboration with MD Anderson Cancer Center, USA

-United States Patent Number US 8,299,040 B2 in the year 2012

-World Intellectual Property Organization (WIPO) Patent Number WO 2008/063760 A2 in the year 2008

Academic/Scientific Contribution:

Editor - International Journal of Molecular and Immuno Oncology (IJMIO)	Since 2019
Technical Advisory Board Member - International Journal of Molecular and ImmunoOncology	2016- 2018

Clinical Trials (Investigator):

Role as Principal Investigator

Study Title - Evaluation of Clinical Utility of CANscript after Comprehensive Genomic Profiling using Foundation One, in Predicting the Treatment Response During the Routine Clinical Management of Patients with Advanced, Relapsed or Refractory Solid Tumors (PREDICT One)

Clinical Trial Registration of India No.:CTRI/2018/09/015604

Site: Max Hospital, Saket

Sponsor: Investigator initiated

Type: observational

Status: completed

Study Title - CANSCRIPT CLINICAL OUTCOMES IN A REAL-WORLD SETTING (ANCERS-1):

A prospective, multicenter, observational study examining the clinical utility of Canscript in routine clinical practice.

Clinical Trial Registration of India No.: CTRI/2017/05/008500

Site: Max Super Specialty hospital, Patparganj (A Unit of Balaji Medical & Diagnostic research Centre)

Sponsor: Investigator initiated

Type: observational

Status: completed

Role as Co-Investigator

Study Title - A phase III, multicenter, randomised, double-blind, placebo-controlled study of atezolizumab (anti-PDL1 antibody) in combination with paclitaxel compared with placebo with paclitaxel for patients with previously untreated inoperable locally advanced or metastatic triple negative breast cancer.

Clinical Trial Registration of India No.: CTRI/2017/10/010010

Site: Max Super Specialty Hospital, Shalimar Bagh

Sponsor: F HoffmannLa Roche Ltd

Type: Interventional

Status: ongoing

Study Title - A double-blind, placebo-controlled, randomized phase iii study of ipatasertib in combination with Paclitaxel as a treatment for patients with pik3ca/akt1/pten-altered, locally advanced or Metastatic, triple-negative breast cancer or hormone receptor-positive, her2-negative breast cancer.

Clinical Trial Registration of India No.: CTRI/2019/05/019047

Site: Max Super Specialty Hospital, Shalimar Bagh

Sponsor: F HoffmannLa Roche Ltd

Type: Interventional

Status: ongoing

Role as Course Director:

**Course details - Fellowship in Medical and Molecular Oncology
Max Institute of Medical Education**

Dr Harleen, MBBS, 2018-2019

Dr Romila Tiwari, MBBS, 2018-2019

Thesis Supervised:

Role as Guide

MSc, Clinical Research, completed 2018.

Candidate - Vritika Rawat (BSc)

Title - A Single center, retrospective study to identify the patient populations of breast cancer eligible for genetic counseling and testing.

Role as Co-Guide

Diploma National Board (DNB, Surgical Oncology), completed 2018.

Candidate - Dr Lourembam Sunil Singh (MBBS, MS)

Title - Analysis of expression of Her2/neu receptor in Gallbladder Cancer.

Diploma National Board (DNB, Surgical Oncology), completed 2019.

Candidate - Dr Hofeza Lokhandwala (MBBS, MS)

Title - Expression and Clinical significance of Androgen Receptor in Triple-Negative Breast Cancer.

Master in Science (MSc, Clinical Research), completed 2018.

Candidate – Ms Anjali Aggarwal (BSc)

Title - Breast Cancer subtypes and survival outcomes; a retrospective study in tertiary care hospital, North Delhi.

Honors and Awards:

1. Awarded as Goodwill SDG Ambassador for Good Health and Well-Being by the United Nation Assembly in association WHO, The Commonwealth and NITI AAYOG on 24th July 2021, at The Janpath Hotel, New Delhi.
2. First Place in Multi-Disciplinary Tumor Board – Young Breast Cancer with BRCA Mutation at 2nd edition “Navigating Clinical Conundrums in Breast cancer” from 26-28 April, 2019 at Hotel Taj Santacruz in Mumbai, India.
3. First Place in Multi-Disciplinary Tumor Board – Low grade Sarcoma in Gynaecological malignancy at 25th Annual Conference of Association of Gynaecological society of India and 15th Annual conference of Women's Cancer Initiative-Tata Memorial Hospital, from 27-29th October, 2017 at RD Choksi Auditorium, TMH, Mumbai
4. Second Place Multidisciplinary Tumor Board - The ideal management of in situ disease in Breast at Decoding Breast Cancer-A Recap of Milan Breast Cancer Conference, 18th to 20th August 2017, Hotel Conrad, Pune
5. First Place in Multi-Disciplinary Tumor Board - Clinical Breast Cancer Practice: Lesson From Molecular Biology at 3rd Indo British Advanced Master-Class In Oncoplastic Breast Surgery & Breast Cancer Symposium 2016 held at Conrad Pune, From 5th To 7th Aug 2016.
6. First Place in Multi-disciplinary Tumor Board- Hereditary Breast Cancer at 2nd Indo-British Advanced Masterclass in Oncoplastic Breast Surgery and Breast Cancer Symposium 2015, 13-15 Feb, in Pune.
7. Third Place Poster Presentation, Indian Cancer Congress 2013, New Delhi.
8. First place in Doctor's Dilemma, 2009, Southeast Regional Associates' Day, American College of Physicians, USA.
9. Ramalingaswamy Fellowship Award, 2007, Department of Biotechnology, Government of India.
10. Young Scientist Award, 2007 for best work presented at AACR, American Association of Indian Scientist in Cancer Research, Los Angeles, CA, USA.
11. Travel grant, 2006 for poster presentation at International Gastrointestinal Surgical Oncology, Arlington, VA, USA.
12. Geeta Mittal Gold Medal award, 2005 for best resident in Oncology, AIIMS, New Delhi, India.

Book Chapters:

1. **Amit Verma**, Venkata Pradeep Babu Koyyala. **Molecular Methods in Clinical Oncology – Basics.** Book titled Clinical Oncology. Viva Voce, OSCEs and ESMO Exam Compendium. Thieme Publishers 2020
2. **Amit Verma**, P K Julka, Jatinder Kaur. Genetic testing in Cancer diagnosis. Recent Advances in Surgery Vol 15. 2018. Pg 125-144.
3. Sachin Hingmire, Sachin Minhas, Shyam Agarwal, Nikhil Ghadyalpatil, Aditi Dastane, Jayant Gawande, **Amit Verma**, Amish Vora, Sadashivudu. Molecular Oncology: Application in Breast Cancer. Breast Cancer Update 2014. ISBN No : 978-81-923972-2-1
4. **Amit Verma** and Kapil Mehta. Drug resistance by cancer cells- a new perspective. Book titled **New Research Communications on Cancer Drug Resistance.** Nova Science Publishers, Inc. ISBN No : 1-60021-572-6

Publications

Peer Reviewed Articles

S. No.	Research Articles	Impact Factor	Citations
1.	Adenoid cystic carcinoma of the prostate: an unusual subtype of prostate cancer. Amit Verma , Pramod Kumar Julka , Sanjay Gupta, Kush Gupta, Rahul Rathod. J Transl Genet Genom 2020;4:455-463.		
2.	Genetic Counseling, Testing, and Management of HBOC in India: An Expert Consensus Document from Indian Society of Medical and Pediatric Oncology. Hemant Malhotra, Pradnya Kowtal, Nikita Mehra, Raja Pramank, Rajiv Sarin, Thangarajan Rajkumar, Sudeep Gupta, Ajay Bapna, Gouri Shankar Bhattacharyya, Sabhyata Gupta, Amita Maheshwari, Ashraf U. Mannan, Ravindra Reddy Kundur, Rupinder Sekhon, Manish Singhal, B.K. Smruti, Somashekhar SP, Moushumi Suryavanshi, Amit Verma . JCO Glob Oncol. 2020; 6: JGO.19.00381. Published online 2020 Jul 6. doi: 10.1200/JGO.19.00381	1.790	
3.	Integrating Systems Biology and an Ex Vivo Human Tumor Model Elucidates PD-1 Blockade Response Dynamics. Munisha Smalley, Michelle Przedborski, Saravanan Thiyagarajan, Moriah Pellowe, Amit Verma , Nilesh Brijwani, Debika Datta, Misti Jain, Basavaraja U Shanthappa, Vidushi Kapoor, Kodaganur S Gopinath, D C Doval, K S Sabitha, Gaspar Taroncher-Oldenburg, Biswanath Majumder, Pradip Majumder, Mohammad Kohandel, Aaron Goldman. iScience, 2020 23(6):101229	4.447	
4.	Personalized treatment approach to Metastatic Castration Resistant Prostate Cancer with BRCA2 and PTEN mutations: A case report. P K Julka, Amit Verma , K Gupta. Case Rep Oncol, 2020, 13:55-61.	0.71	1
5.	Stereotactic ablative radiotherapy (SABR) for recurrent and previously irradiated head and neck cancers. Anil Kumar Anand, Bharat Dua, Anil Kumar Bansal, Amit Verma , Heigrujam Malhotra, Amit Kumar, BJR open, 2020,2:20190051		
6.	Oncology Gold Standard™ consensus statement on counseling patients for molecular testing and personalized cancer care Purvish M. Parikh , S. S. Hingmire , P. Bhavesh , K. Babu Govind, P. Mehta,		

	Amit Verma , S. Bondarde , R. Singh , N. Ghadyalpatil , B. Rangrajan, G. S. Bhattacharyya, H. Malhotra, D. C. Doval, A. A. Ranade, P. M. Shah. Int J Mol & Imm Onco. 2017, 26-42		
7.	A molecular approach to Glioblastoma Multiforme. Amit Verma , Swetha Gunasekar, Vineeta Goel, Randeep Singh, Ramandeep Singh Arora, Nitesh Rohatgi, A. K. Anand, Meenu Walia. Int J Mol & Imm Onco, 2016, 1(1): p. s35-44.		2
8.	Lung Cancer in India: Current status and promising strategies., PM Parikh, AA Ranade, Babu Govind, N Ghadyalpatil, R Singh, R Bharath, GS Bhattacharyya, S Koyande, M Singhal, A Vora, Amit Verma , S Hingmire. South Asian J Can, 2016, 5(3), 93		19
9.	Ignore molecular oncology at your peril. Purvish M Parikh, K Prabhash, G S Bhattacharyya, B Sirohi, S Rajappa, Amit Verma , T Raja. Indian J Cancer. 2014, 51(2):150-3.	0.765	2
10.	An uncommon case of an adult with del(5)(q) in acute lymphoblastic leukemia. E Venkataswamy, Ashwini R Nargund, Shilpa Prabhudesai, Geeta V Patil, J Chandra Rao, Vidya H Veldore, Shekar Patil, Amit Verma , Rashmita Sahoo, BS Ajaikumar, Prasannakumari. Indian Journal of Human Genetics. 2012, 8(3): p. 349-351.	0.69	1
11.	Tissue transglutaminase promotes or suppresses tumor depending on cell context. A Chhabra, Amit Verma , Kapil Mehta. Anticancer Res. 2009, 29(6):1909-19.	1.994	77
12.	Therapeutic significance of elevated tissue transglutaminase expression in pancreatic cancer. Amit Verma , Sushovan Guha, P Diagaradjane, Ajay Kunnumakkara, Angela M Sanguino, Gabriel Lopez-Berestein, Anil Kumar Sood, Bharat Aggarwal, Sunil Krishnan, JG Gelovani, Kapil Mehta. Clin Cancer Res. 2008 Apr 15;14(8):2476-83.	6.488	104
13.	Tissue transglutaminase regulates focal adhesion kinase/AKT activation by modulating PTEN expression in pancreatic cancer cells. Amit Verma , Sushovan Guha, Huamin Wang, JY Fok, D Koul, James Abbruzzese , Kapil Mehta. Clin Cancer Res. 2008, 14(7): 1997-2005.	6.488	90
14.	Transglutaminase-mediated activation of nuclear transcription factor-kappaB in cancer cells: a new therapeutic opportunity. Amit Verma ,	3.522	43

	Kapil Mehta. Curr Cancer Drug Targets. 2007, 7(6):559-65.		
15.	Tissue transglutaminase-mediated chemoresistance in cancer cells. Amit Verma , Kapil Mehta. Drug Resist Updat. 2007, 10(4-5):144-51. Epub 2007 Jul 27.	11.650	110
16.	Tissue transglutaminase expression promotes cell attachment, invasion and survival in breast cancer cells. LS Mangala, JY Fok, IR Zorrilla-Calancha, Amit Verma , Kapil Mehta. Oncogene. 2007, 26(17):2459-70.	7.971	157
17.	Increased expression of tissue transglutaminase in pancreatic ductal adenocarcinoma and its implications in drug resistance and metastasis. Amit Verma , Huamin Wang, B Manavathi, JY Fok, AP Mann, R Kumar, Kapil Mehta. Cancer Res. 2006, 66(21):10525-33.	7.656	167
18.	Overexpression of tissue transglutaminase leads to constitutive activation of nuclear factor-kappaB in cancer cells: delineation of a novel pathway. AP Mann, Amit Verma , G Sethi, B Manavathi, Huamin Wang, JY Fok, AB Kunnumakkara, R Kumar, BB Aggarwal, K Mehta. Cancer Res. 2006, 66(17):8788-95.	7.656	221
19.	Clinical significance of mannose-binding lectin-associated serine protease-2 expression in esophageal squamous cell carcinoma. Amit Verma , A Matta, NK Shukla, SV Deo, SD Gupta, R Ralhan. Int J Cancer. 2006, 118(12):2930-5.	5.070	32
20.	MEMD/ALCAM: a potential marker for tumor invasion and nodal metastasis in esophageal squamous cell carcinoma. Amit Verma , NK Shukla, SV Deo, SD Gupta, R Ralhan. Oncology. 2005, 68(4-6):462-70. Epub 2005 Jul 13	1.985	102

Invited articles

1. Severe Acute respiratory syndrome coronavirus 2: Mutations and variants of concern – the Indian scenario. **Amit Verma**, H S Darling, Purvish Parikh, Radhika Vaishnav, Ashish Gulia, Akhil Kapoor, Randeep Singh. **Int J Mol Immuno Oncol** 2021;6(2):66-71
2. Mutations in BRCA1/2 genes: Unexpected higher prevalence in Indian Patients. **Amit Verma**, P K Julka, Jatinder Kaur, **Can Res Statistics & Treatment**, 2020, 3(2), 376-377

3. Mainstreaming genetic counseling for BRCA testing into oncology clinics – Indian perspective. **Amit Verma**, Shona Nag, Quratulain Hasan, Veda Padma Priya Selvakumar. **Indian J Cancer**. 2019. 56,Suppl S1: 38-47. **Impact Factor 0.765**
4. Role of molecular diagnostics in determination of tissue of origin in Cancer of Unknown Primary (CUP). **Amit Verma**, Chanchal Goswami, Vashishth Maniar. **Int J Mol & Imm Onco**, 2019, 4(1).
5. Molecular oncology update: Breast cancer gene expression profiling. **Amit Verma**, Jatinder Kaur, Kapil Mehta. **Asian Journal of Oncology**. 2015, 1(2): p. 65-72. (Cited by 7)
6. Clinical Trials in India. DC Doval, S Gupta, M Karwa, **Amit Verma**. **The Pharma Review**. 2013: 41-46.

Published abstract

1. Comprehensive genomic profiling (CGP) of gall bladder adenocarcinoma (GBAC) in patients from distinct ancestral populations. M. Javle, S. Akumalla, R. Madison, **Amit Verma**, R. Abdel-Wahab, J. Newburg, B.M. Alexander, J. Chung, V.A. Miller, J. Lee, J.S. Ross, A.B. Schrock, G.M. Frampton, S.M. Ali. *Annals of Oncology* 2019, 30 (suppl_5): v253-v324. 10.1093/annonc/mdz247 (Abstract #4406) **Impact Factor 18.274**
2. Superiority of response to carboplatin vs cisplatin in combination with pembrolizumab for head and neck squamous cell carcinoma predicted using ex vivo platform, CANscript. Vidushi Kapoor, Munisha Smalley, **Amit Verma**, Saravanan Thyagarajan, Biswanath Majumder, Nandini Basak, Abhishek Basu, Pradeep Kar, K.s. Sabitha, D.C. Doval, and Aaron J. Goldman. *Cancer Res* July 1 2019 79 (13 Supplement) 3205-3205; DOI:10.1158/1538-7445.AM2019-3205. Abstract 3205. **Impact Factor 9.727**
3. Development and feasibility of virtual molecular tumor board. **Amit Verma**, Jatinder Kaur, Amit Gupta, Aakriti Aggarwal, Arpana Kushwaha, Pramod Kumar Julka, Prashant Mehta, Randeep Singh, Vandana Lal. **J Clin Oncol**, 2019, (suppl; abstr e18334) **Impact Factor 32.956**
4. Genetic testing for hereditary breast and ovarian cancer in Indian population: A single Institutional study. Veda Padma Priya Selvakumar, Shubha Garg, Jatinder Kaur, Geeta Kadayaprath, Nitesh Rohatgi, Meenu Walia, Ranga Rao Rangaraju, Pramod Kumar Julka, Harit Kumar Chaturvedi, **Amit Verma**. **J Clin Oncol**, 2019, (suppl; abstr e13153) **Impact Factor 32.956**
5. Clinical applicability of comprehensive genomic profiling (CGP) and assessment of tumor mutation burden (TMB): An Indian experience. **Amit Verma**, Pramod Kumar Julka, Nitesh Rohatgi, Jatinder Kaur. **J Clin Oncol**, 2018, 36: (suppl; abstr e24210) **Impact Factor 32.956**
6. Development of a web-based DrAV tool for comprehensive genomic profiling interpretation. **Amit Verma**, Peeyush Tuli, Jatinder Kaur. . **J Clin Oncol**, 2018, 36: (suppl; abstr e18568) **Impact Factor 32.956**
7. FoundationOne as a relevant tool for comprehensive genomic profiling and assessment of tumor mutation burden in the era of precision oncology in India. **Amit Verma**, Nitesh Rohatgi, Pramod Kumar Julka, Meenu Walia, Ankur Bahl, Ramandeep Singh Arora, Harit Chaturvedi, Anil Kumar

Anand, Ranga Rao, Laurie M. Gay, Jatinder Kaur. **J Clin Oncol**, 2017, 35: (suppl; abstr e23096) (Cited by 3) **Impact Factor 32.956**

8. Tissue transglutaminase expression promotes cell attachment, invasion and survival in breast cancer cells. **Amit Verma**, L Mangala, Jansina Fok, I Zorrilla-Calancha, and Kapil Mehta. **Cancer Res** October 8 2014 67 (9 Supplement) 3039-3039. **Impact Factor 9.727**
9. Regulation of tumor suppressor protein PTEN by tissue transglutaminase: prognostic significance in pancreatic cancer. **Amit Verma**, Sushovan Guha, Dimpy Koul, Huamin Wang, and Kapil Mehta. **Cancer Res** October 8 2014 67 (9 Supplement) LB-29-LB-29. **Impact Factor 9.727**
10. Increased expression of tissue transglutaminase in pancreatic ductal adenocarcinoma and its implications in drug resistance and metastasis. **Amit Verma**, Huamin Wang, Jansina Fok, and Kapil Mehta. **Cancer Res** October 8 2014 67 (9 Supplement) 5462-5462. **Impact Factor 9.727**
11. Sustained Complete Molecular Response to Imatinib in Chronic Myeloid Leukemia (CML): a Target Worth Aiming and Achieving?. Dushyant Verma, Hagop M Kantarjian, Jenny Shan, Susan O'Brien, Amit Verma, Elias Jabbour, Srdan Verstovsek, Tapan Kadia, Mary Beth Rios, Jorge Cortes. **Blood** (2009) 114 (22): 505. **Impact Factor 16.601**
12. Phase II, Single Center Study of Oral Forodesine in Patients with Advanced, Fludarabine-Treated Chronic Lymphocytic Leukemia (CLL). Dushyant Verma, Kumudha Balakrishnan, Susan O'Brien, Deborah A Thomas, Alessandra Ferrajoli, William G. Wierda, **Amit Verma**, Stefan Faderl, Susan M Bickel, Shanta Bantia, Hagop M Kantarjian, Michael J. Keating, Varsha Gandhi and Farhad Ravandi. **Blood** 2009 114:2369. **Impact Factor 16.601**
13. Incidence, Clinical Features and Outcome of Patients with Differentiation Syndrome in Acute Promyelocytic Leukemia Treated with All-Trans Retinoic Acid (ATRA) Alone Versus ATRA Plus Idarubicin Versus ATRA Plus Arsenic Trioxide. Sameer A Parikh, Hagop Kantarjian, Farhad Ravandi, Gautam Borthakur, Stefan Faderl, **Amit Verma**, Alessandra Ferrajoli, Zeev Estrov, Sherry Pierce and Jorge Cortes. **Blood** 2009, 114:1044. **Impact Factor 16.601**
14. Therapeutic significance of elevated tissue transglutaminase (TG2) expression in pancreatic cancer. Kapil Mehta, **Amit Verma**, Sushovan Guha, Jansina Fok, Gabriel Lopez-Berestein, and Anil Sood. **Cancer Res** October 8 2014 68 (9 Supplement) 4120-4120. **Impact Factor 9.727**

National Role as Organizer:

Organizing Secretary

1. Delhi Molecular Oncology Group (DMOG) Webinar “Carcinoma of Unknown Primary: Complexity Unravelling” under aegis Oncology Forum on 5th February, 2021
2. 2nd Annual conference of ISES & Max Cancer Congress on 16th-18th August, 2019 at Hotel Taj Palace, New Delhi.
3. Best of SABCS 2018 on the 20th – 21st April, 2018 at India Habitat Centre, New Delhi
4. ‘Max Oncocon 2017- Partnering in Cutting Edge Cancer Care’ on the 30th of April 2017, organized by Max Institute of Cancer Care, East Zone (Vaishali & Patparganj) at Radisson Blu, Ghaziabad, UP
5. Workshop on “Unwinding the Pathology & Molecular Biology of Sarcomas” at Annual Conference of Indian Society of Medical & Paediatric Oncology - ISMPOCON 2016 on 5th November at Crowne Plaza, New Delhi, India.
6. The international Symposium on “Molecular Oncology & Translational Cancer Research - The 3Bs - Bench, Bedside & Business” on 1st November, 2015
7. International Seminar on “Molecular Oncology in Clinical Practice” on 30th November 2015 at Max Hospital Saket, New Delhi
8. Workshop on “Molecular Oncology” at 33rd ICON, organized from 4th - 6th September, 2015 at Hotel Le Méridien, Coimbatore, Kerala.
9. National workshop on Immunohistochemistry and Polymerase Chain Reactions at NIMHANS Convention Center, Bangalore. 2nd and 3rd January 2012.

Scientific Committee

1. Geriatric Oncology: “The Age of Talking About Age Alone – Is It Over?” OFCON 2020. 4th to 6th December 2020.
2. 41st ICON Conference ‘Oncotrends – guiding the Future’ 13th -15th September, 2019 Sadvichar Parivar, Ahmedabad
3. 4th Molecular Oncology Society 2019 at The Leela ambience, Gurugram
4. International Conference On “4th Year In Review: Breast Cancer Conference 2019”, 19th-20th Jan 2019, Hotel ITC Grand Central, Parel, Mumbai
5. International Conference On “3rd Year In Review: Breast Cancer Conference 2018”, 10th-11th Feb 2018, Hotel ITC Grand Central, Parel, Mumbai
6. International Conference on “2nd Year in Review: Breast Cancer Conference 2017” held on Sat 21-Sun 22 Jan 2017, at the Tata Memorial Hospital, Mumbai.
7. 2nd MOSCON 2017 with the theme of ‘Molecular Oncology: Understanding & Application’ on 21st-22nd January 2017, Sadvichar Parivar, Satellite, Ahmedabad.
8. International Conference On “1st Year In Review: Breast Cancer Conference 2016”, 16th-17th Jan 2016, Tata Memorial Hospital, Mumbai

9. Round Table Meeting (RTM) on “Genomics in cancer - is it ready for prime time” on 21st Nov 2013 1st
Indian Cancer Congress (ICC) 2013, 21st Nov 2013, Leela Kempinski Hotel, New Delhi

International Conferences:

Role as Chairperson

1. **3rd Indo Oncology Summit on Metastatic Cancer Sequencing** on 25th September 2021, on virtual platform.
2. iBRCAf Singapore '**Understanding the DDR pathway**', 24th -25th August, 2019
3. Molecular Oncology & Pathology Workshop during "3rd Update in Lung Cancer - Year End Review 2019", 20 - 21st December at Hotel Courtyard Marriott, Andheri (E), Mumbai.
4. Molecular oncology workshop "**Update in Lung Cancer YEAR 2018**", 15th & 16th December 2018 Mumbai.
5. **Future of Cancer Research - an Indian Perspective.** Cancer Prevention and Treatment: From Ancient Medicine to Modern Medicine (on 8th – 11th February 2018)
6. **Incorporating Genetics and genomics in the Teaching Curriculum.** 1st MOSCON (Molecular Oncology Society Conference) to be held from 29th to 30th January 2016 at Four Points by Sheraton, Pune.
7. **Multigene Prognostic tests in Breast Cancer: past, present & future.** 6th Delhi Breast Oncology Group CME on Breast Cancer, 21st November 2015 at Asian Cancer Centre, Faridabad.

Role as Judge/Expert

1. **3rd Precision Oncology and Annual International Breast Cancer conference 2019** on 11th-13th October, 2019 at Pink City Jaipur.
2. **Consensus statement for genetic testing & management of Hereditary Breast and Ovarian Cancers [HBOC] in India (ISMPO)** on Saturday, 25th May 2019 at Hotel Sahara Star, Mumbai
3. **Expert Panel on Breast Cancer.** C4-Challenging Case Capsules in Cancer- The Competition' on 17th March 2019 at the Russian Centre for Science and Culture, Ferozeshah Road, New Delhi.
4. **Session: Grant Competition.** Moderator for the SESSION: Molecular Onco. 40th Indian Cooperative Oncology Network (ICON) Conference held at Kolkata from 29th to 31st of March, 2019
5. **Triple Negative Early Breast Cancer. C4-Challenging Case Capsules in Cancer-** The Competition' on 18th March 2018 at the Russian Centre for Science and Culture, Ferozeshah Road, New Delhi.
6. **Her-2-neu positive locally advanced breast cancer. C4-Challenging Case Capsules in Cancer-** The Competition' on 18th March 2018 at the Russian Centre for Science and Culture, Ferozeshah Road, New Delhi.
7. **Annual Symposium of Oncology Forum** held on 2nd-3rd September, 2017 at Indian Habitat Center, New Delhi
8. **Oral Presentation and selection committee member for Research Grant** on the 5th February 2016.
9. **Poster session** on the 5th February 2016. 6th International Translational Cancer Research Conference to be held at Hyatt Regency, Ahmedabad during February 04-07, 2016.
10. **Poster session** on the 28th November 2014. 9th SFO, 2014 (International Conference of SAARC Federation of Oncologists) from 28th – 30th November 2014, at The Leela - Ambience, Gurgaon.

11. **Poster session** on the 21st November 2013. 1st Indian Cancer Congress (ICC) 2013, 21st Nov 2013, Leela Kempinski Hotel, New Delhi

Role as Expert Panelist/ Moderator

Year 2021

1. **Panel Discussion on Evolving Landscape of Genetic Testing in Gynecological Cancers: Indian Scenario by Voice of Healthcare** held on September 23rd , 2021 on virtual platform.
2. **Panel discussion on NGS in GI Cancer during 4th MID YEAR Gastro-Intestinal Oncology Virtual Conference** held on 3rd September , 2021 on virtual platform.
3. **Panel discussion on Biomarker Testing and Response Assessment in patients on Neoadjuvant/Adjuvant Immunotherapy -Unraveling Complexities** held on 28th August, 2021 on virtual platform.
4. **Panel discussion on Updates in Lung Cancer Management** held on 14th August, 2021 on virtual platform.
5. **Moderator for Panel Discussion on 4th Masterclass in Lung Cancer** held on 31st July on virtual platform.
6. **Panelist discussion on “Molecular Tumor Board Case Discussion -GI & Lung Cancer”** on 17th July 2021 on virtual platform.
7. **Moderator for Panel discussion on Clinical Conundrums of Genomically Driven Prostate Cancer** on virtual platform on 19th June 2021 .
8. **Panel discussion on "International Precision Oncology Symposium"** held on 4th June 2021 on virtual platform.
9. **Panel discussion on Oncology Update : Treatment Paradigm in the management of Lung Cancer 2021 & Beyond** , held on virtual platform on 23rd - 24th April 2021.
10. **Panel discussion on Choosing the right maintenance agent in Ovarian Cancer.** Ovarian Cancer Conclave, held on virtual platform 26th March 2021.
11. **Panel Discussion on Breast and Ovarian Cancer syndrome Cancer.** “Redefining Cancer Care for a Next Decade” at Paras Cancer Conclave 2021” held on virtual platform from 19th – 21st March 2021.
12. **Panel Discussion on Li-Fraumeni Cancer syndrome Cancer.** “Redefining Cancer Care for a Next Decade” at Paras Cancer Conclave 2021” held on virtual platform from 19th – 21st March 2021.
13. **Current controversies in the Mx of metastatic HSPC.** “Update in Oncology 2021 Conference” (SAARC Countries Annual Conference 2021). 23rd & 24th January 2021.
14. **Molecular Tumor Board discussion.** “Technology and Cancer Care – The Promise and Reality of the Brave New World. 19th conference on Evidence Based Management of Cancers in India-EBM 2021. Held from 26th to 28th February, 2021.

15. **Panel discussion on Management of Renal Cell Carcinoma at** "Expert Peer Exchange on Metastatic Renal Cell Carcinoma". Organised by Eisai Pharmaceuticals. Held on 26th February, 2021.
16. **Triple Negative Breast Cancer.** "6th Edition of Year In Review Breast Cancer Conference". Virtual platform from 11th January to 16th January 2021. Organised by Women's Cancer Initiative - Tata Memorial Hospital and Nag Foundation.
17. **Case based Panel Discussion – Hereditary Breast Cancer.** Live Webinar series "Hereditary Breast Cancer Part I". Organised by Indian Association of Surgical Oncology held on 9th January, 2021.

Year 2020

1. **Case Based Panel Discussion – RCC management.** Virtual Conference Eisai Expert group meeting on RCC. 30th December 2020.
2. **Case Based Discussion - Biomarkers & Ovarian Cancer management.** Virtual Conference "Update in Ovarian Cancer", 24th December 2020.
3. **Cased based discussion - Integrating Molecular testing & personalize treatment approach.** Virtual Conference "Update in Prostate Cancer", 22nd December 2020.
4. **Panel discussion: "BRCA mutated cancer and carriers": The multimodality approach.** ISMPO-HBOC: Charting The Trajectory "FROM LAB TO THE CLINIC" 11th December 2020
5. **Panel Discussion on PARP Inhibitors & Beyond in Ovarian Cancer.** Virtual Conference 7th Edition of Innovations in Oncology 2020 held on 24th & 25th October 2020.
6. **Moderator for Panel Discussion on Gene Panel testing for breast cancer: the geneticists viewpoint.** Virtual conference "Breast Cancer Odyssey" held on 22nd -24th October 2020.
7. **Panel Discussion on Breast cancer: screening genetics & fertility. All you need to know.** E-Conclave on Optimizing fertility outcomes: controversies to consensus held on 14th October 2020.
8. **Panel Discussion on Lung Cancer update** to be held during the virtual update on the 4th International Annual Precision Oncology & IBC conference, Jaipur held on 9th – 11th October 2020.
9. **Panel Discussion on updates on Metastatic CRC.** 28th August 2020.
10. **Panel Discussion on IO in Urothelial malignancies.** Organised 4th LION (Leadership in ImmunoOncology Network). 15th May 2020.

Year 2019

1. **Panel Discussion on Biomarkers in Lung Cancer.** Organized 4th Official 'Best of WCLC 2019' at Hotel Pride Plaza, Aerocity, Delhi on 22nd September, 2019.

2. **Panel Discussion on NGS profiling for GI cancers Series 2.** Organized by 2nd Mid-Year Gastrointestinal Oncology Conference in Ahmedabad on 21st September, 2019.
3. **Panel Discussion on Optimising BRCA testing for patients with gynecological cancers.** Organized by 2nd Women's cancer conclave at Hotel ITC Grand Central on 14th September, 2019.
4. **Panel Discussion SESSION: Generating Consensus in Brain Tumor Management.** Organized by the first North Zone meeting of Indian Society of Neurooncology (ISNO) on "*Neuro-Oncology: New Horizons*" at Taj Vivanta, Dwarka, Delhi on 10th August, 2019.
5. **Panel Discussion SESSION: Molecular Testing/ Cancer Marker in decision making beyond RAS.** Organized by CRC Masterclass, Delhi at Pride Plaza, Aerocity, Delhi on 28th July, 2019.
6. **Panel Discussion SESSION: Management of Hereditary Gynecological Cancers: A Recent update.** Organized by Max Institute of Cancer Care at Max Super-Speciality Hospital-Shalimar Bagh, at Raddison Blue, Paschim Vihar on 13th April 2019.
7. **Quiz Master SESSION: Quiz (Including voting for audience poll - Questions on St. Gallens Consensus - 10 RO, 10 MO, 10 SO).** The Official Best of SABCSTM (San Antonio Breast Cancer Symposium®) India program at Hotel Radisson Blu Plaza, Near Mahipalpur Extension NH-8, Delhi on 6th and 7th April 2019.
8. **Panel Discussion SESSION: Basic Science.** The Official Best of SABCSTM (San Antonio Breast Cancer Symposium®) India program at Hotel Radisson Blu Plaza, Near Mahipalpur Extension NH-8, Delhi on 6th and 7th April 2019.
9. **Moderator for the SESSION: Molecular Onco.** 40th Indian Cooperative Oncology Network (ICON) Conference held at Kolkata from 29th to 31st of March, 2019
10. **Panel Discussion on Integration of Solid Tumor Biopsies and Liquid Biopsies. SESSION: Cancer Care In India -Meeting the Unmet Needs.** Oncovision 2019 at Army Hospital R & R Delhi on 23 & 24th February 2019.
11. **Panel Discussion on Management Of NSCLC Optimal sequencing of TKI, ALK Etc. SESSION: Cancer Care In India -Meeting the Unmet Needs.** Oncovision 2019 at Army Hospital R & R Delhi on 23 & 24th February 2019.
12. **Panel Discussion: EGFR Mutant NSCLC : First Line Therapy and Beyond.** RGCON 2019 held in Hotel Crowne Plaza, Rohini New Delhi, India from 8th Feb 2019 to 10th Feb 2019.
13. **Panel Discussion on Tumor Acquisition & Diagnostics. SESSION: Biomarkers in Lung Cancer : A Clinical Perspective.** RGCON 2019 held in Hotel Crowne Plaza, Rohini New Delhi, India from 8th Feb 2019 to 10th Feb 2019.
14. **Panel Discussion on Relevance of Broad based Genomic Profiling in NSCLC: Focus on Alk.** 4th Molecular Oncology Society Conference 2019 at The Leela Ambience, Gurugram on 16th- 17th February.

Year 2018

1. **Molecular Nuts and Bolts: Lab perspective on Immunotherapy.** 2nd Master Course in Immuno-Oncology Conference at New Delhi on 2nd December 2018.
2. **Panel Discussion on Integrating Genetic Services in Oncology.** 4th Indian Cancer Genetics Conference & Workshop (ICGCW 2018), 8-10th December 2018.
3. **Controversies in molecular markers and marker based treatments.** 5th "Fortis Radiation Oncology Annual" on "Big Debates in Radiation Oncology" The CME held on September 16 2018 at Fortis Gurgaon.
4. **Panel Discussion on Best of ASCO abstracts in GI Cancers (CRC).** Best of American Society of Clinical Oncology (ASCO) Conference". Held on Sat 28th July- Sun 29th July 2018, at Hotel Ashoka, Delhi.

Year 2017

1. **Multidisciplinary Tumor Board - Gynec onco tumour board (First Prize).** 25th Annual Conference of Association of Gynaecologic Oncologist of India (AGOI) and 15th Annual Conference of Women's Cancer Initiative – Tata Memorial Hospital (WCI-TMH) held on 27th-29th October, 2017 at TMH, Mumbai
 2. **Role of Liquid Biopsy in Lung Cancer.** 2nd 'Best of WCLC 2017' on 29th October 2017 at Hotel Holiday INN, Aerocity, Delhi.
 3. **Panel discussion on collaboration on technology and research between industry and academia, Indo-Germany, with joint IPR ownership, focused on India's oncology research needs.** Advance in Cancer Research: An Indo-German Dialogue For Innovation held on September 19th, 2017 at Taj Palace Hotel, New Delhi.
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4. **Panel Discussion on NGS in the treatment of refractory MBC/Data for CTCs.** Conference: Decoding Breast Cancer-A Recap of Milan Breast Cancer Conference, 18th to 20th August 2017, Hotel Conrad, Pune.
 5. **Molecular Oncology Tumor Board: SOPs and Logistics.** Best of ASCO held on 14-16th July 2017 Hyatt Regency Chandigarh.
 6. **Pathology Consensus (St Gallen's 2017 Update).** 4th Edition of the Update on Consensus in the treatment Early Breast Cancer held on 28-30 April 2017 at Hotel ITC Grand Central, Parel, Mumbai
 7. **Panel Discussion - Molecular Tumour Board.** Genetics & Genomics Workshop. RGCON 2017 "Breast Cancer in the Era of Precision Medicine" on 3-5th Feb, India Habitat Center, Lodhi Road, New Delhi.

Year 2016 and following

1. **Role play and case panel discussion on hereditary breast cancer.** Navigating clinical conundrums in breast cancer 2016 held on 20-21st August 2016 at Hotel Mumbai.
2. **Approach to Molecular Testing.** Best of ASCO 2015 from 26th - 28th June 2015 at HICC (Hyderabad International Convention Center), Hyderabad.

Role as Speaker *(International Conferences)*

1. **Webinar series for Bangladesh Oncologist: Step towards precision oncology.** 26th August- 25th September 2020.
2. **Sequencing tumors: understanding the implications in the oncology community.** iBRCAf Singapore 3rd international BRCA Forum Program, 24th – 25th August, 2019.
3. **Comprehensive Genomic Profiling in the age of targeted therapy.** 2nd Annual Medical Summit 2019 in Bangladesh on 26th July, 2019.
4. **Personalized Cancer Medicine: A way forward.** Roche FMI, global meeting in Amsterdam, 7th -9th November, 2017.
5. **Using genomic profiling in emerging Asian economies and what the future holds.** ESMO ASIA on 16-19 December, 2016, Singapore.

Role as Speaker *(National Conference)*

Year 2021

1. **34th Annual Conference of the Indian Association of Surgical Oncology** : Role of Gene signatures in Breast Cancer Management held on October 23rd 2021 on virtual platform.
2. **Decoding genetic profiling in ovarian cancer - the past, present and future** by Cancer Research & Statistics Foundation Mumbai. Held on October 1st, 2021 on Virtual Platform.
3. **GYNECOLOGICAL & BREAST CANCER- UPDATES FROM ASCO 2021**” held on 17th July 2021 at on Virtual platform.
4. **Ovarian Cancer Conclave on Optimal Molecular Diagnostic Algorithm in OC** on virtual Platform on 23rd June 2021
5. **Oncology Progress in 2021. Non-small Cell Lung Cancer** : Biomarker Testing Recommendations held on virtual platform on 20th June 2021.
6. **Clinical utility of liquid biopsy- Opportunity and Challenges.** “ Liquid Biopsy - Changing the way we manage the cancer”. Organised by Indian College of Pathologists, Fellows Meet, online event held on 24th January, 2021
7. **Who, when, and how to test for HRRm: A review of current clinical guidance.** Virtual meeting “Prostate Cancer Update” on 22nd & 23rd January 2021, under the aegis of Cancer Research and Statistic Foundation, Mumbai
8. **Clinical applications of Molecular Oncology and Cancer Genetics.** “Nurture The Future – Oncology Masterclass” series for DM and DNB Medical Oncology students. Held on 20th January, 2021. Organised by Tata Memorial, Mumbai and AIIMS, New Delhi.

Year 2020

1. **Role of Genetic & Molecular testing in prostate cancer.** Virtual Conference "Update in Prostate Cancer", 22nd December 2020.
2. **Implication of Tissue vs Liquid Biopsy in clinical practice – a presentation and debate.** Virtual Meeting- **4th Edition of Lung Cancer-Year End Review 2020. Workshop on Molecular and Pathology 5th December 2020.**
3. **Webinar on Mainstreaming genetic counselling organised by FOGSI.** 31st October 2020.
4. **Webinar on Precision Oncology of Carcinoma of unknown primary origin.** 23rd October 2020.
5. **Webinar on HRRm testing in Prostate Cancer - Webcast Pan India by AstraZenca Pharma India Pvt Ltd.** 12th September 2020.
6. **Webinar series: Step towards precision oncology organized by Roche bangladesh.** 26th August 2020.
7. **Sequential Biomarkers testing versus upfront NGS in NSCLC.** Updates in Oncology 2020. 20th- 22nd August 2020.
8. **Moving towards biomarker driven treatment for HR+ advanced Breast Cancer.** Virtual PI3K inhibitors conference in Metastatic Breast cancer by Novartis Healthcare Pvt Ltd on 28th July 2020
9. **FGFR in Cholangiocellular carcinoma.** GI oncology Chakravyuh Virtual conference. 24th – 26th July 2020.
10. **Immuno Oncology & Targeted therapies Update 2020.** 16th July 2020.
11. **Webinar on HRD testing in Ovarian Cancer - Webcast Pan India by AstraZenca Pharma India Pvt Ltd.** 3rd July 2020
12. **Indian experience on Molecular Oncology in Breast Cancer – A presentation & Panel discussion.** 5th Virtual Scientific Meeting. 22nd April 2020.

Year 2019

1. **Use and Limitations of CTCs/CT DNA.** International Congress on Oncology Research and Development (iCORD) at Taj Palace Hotel, New Delhi on 5th October, 2019.
2. **Liquid Biopsy: Who, When, What and How.** 4th Official 'Best of WCLC 2019' at Hotel Pride Plaza, Aerocity, Delhi on 22nd September, 2019.
3. **EGFR testing – Which technology to use?** 2nd Annual Masterclass in Lung Cancer on 20th-21st July, 2019 at SP Jain Auditorium, Bombay Hospital, New Marine Lines Mumbai, India.
4. **Genomic Based Patient Selection for ICB: What to trust?** 1st Immuno-Oncology Society of India Congress 2019 (I-OSICON2019) from 15th-17th March 2019, at Auditorium RD Choksi, Tata Memorial Centre (TMC) Mumbai, India

5. **Liquid Biopsy: Tool to Predict Patient Specific Treatment Algorithms.** 4th Molecular Oncology Society Conference 2019 on 6th- 7th February, 2019.
6. **Data presentation – Max Healthcare.** 4th Molecular Oncology Society Conference 2019 on 6th- 7th February, 2019
7. **Relevance of *BRCA* Mutation testing in Women's Cancers.** National Training of Trainers at Om Shanti Retreat Center Manesar on 15-17 Feb, 2019
8. **Predictive Markers in Immunotherapy.** Session: Immuno-oncology. Conference: Cancer Care In India - Meeting the Unmet Needs, Oncovision 2019 at Army Hospital R & R Delhi on 23 & 24th February 2019.
9. **Towards a Human Breast Cell Atlas.** Abstract presentation (Translational Science in Breast Cancer Session). 4th Edition of Year in Review Breast Cancer Conference, 19-20th January 2019, at Hotel ITC Grand Central, Parel, Mumbai.
10. **Landscape of the breast tumour microenvironment at single-cell resolution.** Abstract presentation (Translational Science in Breast Cancer Session). 4th Edition of Year in Review Breast Cancer Conference, 19-20th January 2019, at Hotel ITC Grand Central, Parel, Mumbai.

Year 2018

1. **Comprehensive Genomic Profiling: A Road Ahead.** Best of ASCO India 2018 held on 28th -29th July, Ashoka Hotel, at New Delhi.
2. **NEXT Era of Personalized Cancer Treatment: Ex Vivo Platform (CANScript) and its IMPACT on Choice of Treatment.** Best of ASCO India 2018 held on 28th -29th July, Ashoka Hotel, at New Delhi.
3. **DrAV tool: A web based tool for Genomic interpretation.** Best of ASCO India 2018 held on 6th-8th July, Le Meridien Hotel at Coimbatore.
4. **Molecular Classification of Colorectal Cancer : Impact on Clinical Outcomes and Treatment decisions. Symposium on Metastatic Colorectal Cancer** on June 09 2018 at Chandigarh.
5. **Controversies to Consensus in Breast Cancer.** Best of SABCS, 2017 held on 20th-21st April 2018, Indian Habitat Center, New Delhi.
6. **Risk assessment in Hereditary Cancers.** 38th ICON meeting held on 24th March 2018 at LeMeridien and Crown Plaza, Kochi.
7. **Risk Assessment in Hereditary Cancers.** Molecular Oncology Session. 38th ICON in Kochi from 23rd to 25th March 2018
8. **Tumour Infiltrating Lymphocytes in Breast Cancer Pathology.** 22nd Annual Conference on Breast Cancer Foundation - India (BCFICON 2018) held on 10th-11th March 2018 at Manav Rachna International University, Surajkund, Faridabad, Delhi NCR.
9. **Genomic profiling of circulating tumor DNA (ctDNA) from patients (pts) with metastatic breast cancer (mBC).** Abstract presentation (Translational Science session); "3rd Year in Review" Breast Cancer Conference 2018 held on 10th -11th Feb 2018 at Hotel ITC Grand Central, Parel, Mumbai.

10. **Comprehensive genomic profiling in the era of precision oncology: the way forward.** 7th International Conference on Translational Cancer Research on 8th-10th Feb 2018, at Westin Hotel, Chennai
11. **Association of Cell-Free DNA Tumor Fraction and Somatic Copy Number Alterations With Survival in Metastatic Triple-Negative Breast Cancer.** Abstract presentation (Translational Science session); “3rd Year in Review” Breast Cancer Conference 2018 held on 10th -11th Feb 2018 at Hotel ITC Grand Central, Parel, Mumbai.
12. **Personalized Head Neck Cancer management. Beyond conventional care.** Sixth Annual YROC (Young Radiation Oncologists of India Conference) held on 12-14th Jan 2018 at Venue-Taj Vivanta, New Delhi.

Year 2017

1. **Overview of data from Indian lung cancer patients: Data presentation by individual centers on EGFR/EML-ALK-4/ ROS-1 genotyping.** 1st Year End Review in Management & Treatment of Lung Cancer, 15-17th December 2017, Mumbai at ITC Hotel, Mumbai.
2. **Hereditary Breast and Gynaecological Cancers: Case studies.** 39th Annual Conference of AOGD 2017 held on 18th & 19th November 2017 at IHC, Lodhi Road, New Delhi.
3. **Breast Cancer Prevention/Genetics & Diagnosis.** 1st Annual IBCC (Indian Breast Cancer Conference) at the Pink City Jaipur (Hotel Lalit) on 7th and 8th October, 2017.
4. **Hereditary Cancers.** Indian Society of Oncology (ISO) 2nd ICC 2017 at Bengaluru on 8th- 12th Nov 2017.
5. **Lung Cancer Symposium.** 37th ICON (Indian Co-operative Oncology Network) Conference at Hotel Pride Plaza, Aerocity Delhi from 15th to 17th September, 2017
6. **Case presentation: The ideal management of in situ disease (Max Saket, Delhi).** Session: Breast Cancer. Multidisciplinary Tumour Board. Conference: Decoding Breast Cancer-A Recap of Milan Breast Cancer Conference, 18th to 20th August 2017, Hotel Conrad, Pune
7. **Liquid biopsies in breast cancer - Ready for prime time?** Conference: Decoding Breast Cancer-A Recap of Milan Breast Cancer Conference, 18th to 20th August 2017, Hotel Conrad, Pune.
8. **Incorporating Genomic Profiling in Metastatic Breast Cancer: Is it time?** Conference: Decoding Breast Cancer-A Recap of Milan Breast Cancer Conference, 18th to 20th August 2017, Hotel Conrad, Pune.
9. **Challenges in implementation of NGS and Liquid biopsy in routine clinical practice.** 36th ICON Conference “Precision Oncology in India: Improvements and Improvisations held on 25th & 26th March 2017, Lucknow.
10. **Evolving Landscape of Precision Medicine in Late Stage Cancer Patients.** “Systems Oncology 2017” on the theme “Integrated approaches to understand and cure cancer” held on 10-12 March, 2017 at Cochin.
11. **Whole exome and transcriptome sequencing of resistant ER+ metastatic breast cancer.** Abstract presentation (Translational Science session); “2nd Year in Review” Breast Cancer conference on 21st to 22nd Jan 2017 Tata Memorial Hospital, Mumbai

12. **The genomic landscape of male breast cancers.** Abstract presentation (Translational Science session); "2nd Year in Review" Breast Cancer conference on 21st to 22nd Jan 2017 Tata Memorial Hospital, Mumbai
13. **Genomic Characterization of Primary Invasive Lobular Breast Cancer.** Abstract presentation (Translational Science session); "2nd Year in Review" Breast Cancer conference on 21st to 22nd Jan 2017 Tata Memorial Hospital, Mumbai.
14. **Genomics/Translational Science.** Year in Review 2016: Breast Cancer on 21-22 Jan 2017 at Tata Memorial Hospital, Mumbai.
15. **Indian consensus for Genetic and Genomic testing.** 2nd MOSCON 2017 with the theme of 'Molecular Oncology: Understanding & Application' on 21st-22nd January 2017, Sadvichar Parivar, Satellite, Ahmedabad.

Year 2016

1. **Germline testing in ovarian cancer.** AGOICON-2016 "Silver Jubilee Conference of The Association of Gynaecologic Oncologists of India", on 2nd -4th December, 2016 at The Leela Ambience, Gurgaon.
2. **Molecular Profiling in Unknown Primary Cancer.** "Sailing Through Rare Scenarios" at Annual Conference of Indian Society of Medical & Paediatric Oncology - ISMPOCON 2016 on 5th and 6th November at Crowne Plaza, New Delhi, India.
3. **Bone Sarcoma- Case based discussion.** Workshop on Unwinding the Pathology & Molecular Biology of Sarcomas at Annual Conference of Indian Society of Medical & Paediatric Oncology - ISMPOCON 2016 on 5th and 6th November at Crowne Plaza, New Delhi, India.
4. **Molecular testing for haematological malignancies of day-to-day importance in India - Present status and what more can be done to make it more effective and useful?** 35th ICON Conference being held at Courtyard Marriott, Andheri, Mumbai from 9th-11th Sept 2016
5. **Molecular prognostic markers in Head and Neck Squamous Cell Cancer.** CME: Head and Neck Cancer Updates organized by Oncology Forum on 8th September 2016 at Indian Habitat Center, New Delhi
6. **Genetic Testing Whom, How and When?** BIOCON 3rd Annual Breast cancer summit - Converge 2016 in Goa on 27th and 28th August 2016
7. **Breast cancer susceptibility gene test: single gene to a gene panel–Debate** (Against single gene testing). Navigating clinical conundrums in breast cancer 2016 on 20-21st August 2016 at Hotel Mumbai.
8. **Hereditary Breast Cancer.** Annual Zonal Conference (North Zone) of Indian Menopause Society on 28th and 29th May 2016 at Hotel Radisson Blu, Paschim Vihar, Delhi
9. **Practical Applications of Molecular Diagnostics in Oncology: Unusual mutation in known driver gene.** 12th International Conference of Asian Clinical Oncology Society (ACOS), held from 8th to 10th April, 2016 at New Delhi, India.

10. **Incorporating Liquid Biopsies and NGS in management of Lung Cancer.** 34th ICON (Joint Conference of Indian Cooperative Oncology Network and Molecular Oncology Society) held from 11th to 13th March 2016 at HICC, Hyderabad
11. **Recent molecular markers (PD1 and PDL1) & role in Lung cancer management.** 10th Annual Congress on Men's health at New Delhi from 26th to 28th of February 2016.
12. **Ovarian Cancer In BRCA Positive Patient.** RGCON 2016 GYNAE ONCOLOGY: CONTROVERSY TO CONSENSUS from 5th to 6th February 2016, at India Habitat Centre, Delhi
13. **Cancer proteomics.** 6th International Translational Cancer Research Conference held at Hyatt Regency, Ahmedabad during February 04-07, 2016.
14. **Lung Molecular Tumour Board.** 1st MOSCON (Molecular Oncology Society Conference) to be held from 29th to 30th January 2016 at Four Points by Sheraton, Pune.
15. **Genomics/Translational Science.** Year in Review 2015: Breast Cancer 16-17 Jan 2016 at TMH, Mumbai

Year 2015 and following

1. **Multigene Prognostic tests in Breast Cancer: past, present & future.** 6th Delhi Breast Oncology Group CME on Breast Cancer, 21st November 2015 at Asian Cancer Centre, Faridabad.
2. **Head and Neck cancer: Targeting Advanced HNSCC: Is it worth it?** Biennial Joint Conference of ISMPO (Indian Society of Medical & Paediatric Oncology) and ISO (Indian Society of Oncology) from 6th – 8th November, 2015 at Hotel Grand Hyatt Mumbai.
3. **Translational Cancer Research: Clinics to Laboratory.** Biennial Joint Conference of ISMPO (Indian Society of Medical & Paediatric Oncology) and ISO (Indian Society of Oncology) from 6th – 8th November, 2015 at Hotel Grand Hyatt Mumbai.
4. **Impact of imaging, pathology and molecular markers in neuro-oncology: Illustration by case discussions.** Biennial Joint Conference of ISMPO (Indian Society of Medical & Paediatric Oncology) and ISO (Indian Society of Oncology) from 6th – 8th November, 2015 at Hotel Grand Hyatt Mumbai.
5. **Outcome Correlations - Prognostic and Predictive Significance.** Masterclass in Molecular Oncology and ICON's Biobank at 32nd conference of Indian Cooperative Oncology Network (ICON) in Patna from 13th – 15th March, 2015.
6. **Role of molecular oncology in personalized cancer medicine.** The 2nd International Symposium on Translational Cancer Research being held on 1st Dec 2014 at DSCI Auditorium Complex.
7. **Role of molecular oncology in personalized cancer medicine.** 9th SFO, 2014 (International Conference of SAARC Federation of Oncologists) from 28th – 30th November, 2014, at The Leela - Ambience, Gurgaon.
8. **Personalized cancer medicine: A Novel Approach.** 5th Translational Cancer Research Conference Clinical and Preclinical Studies held on 6th – 9th Feb 7 2014 at Vigyan Bhavan, Delhi

9. **Personalized cancer medicine: A Novel Approach.** National Conference on Biopharmaceuticals & Healthcare, at Sir MVIT Campus, Bangalore, on the 4 & 5 November 2011.
10. **Role of Mutation analysis in Cancer: A clinical perspective.** International Symposium on Recent Updates on Mutation & Cancer Research organized by Panjab University, Chandigarh. India. Dec 18, 2011.
11. **Molecular Oncology and its applications.** 33rd Association Radiation Oncologist of India Conference (AROICON) 2011, Annual National Conference of Radiation Oncologists of India 2011, Jaipur, India. November 24, 2011.
12. **EGFR Mutation: An Overview.** Ranbaxy Science Foundation's 27th Round Table Conference on "Targeted Therapy in Malignancy: Where the Future Is!" organized by AIIMS, New Delhi, India. November 12, 2011.
13. **Personalized Cancer Medicine approach at HealthCare Global.** National Conference on Biopharmaceuticals & Healthcare organized by Sir MVIT Institute of Technology, Bangalore, India. November 4, 2011.

Role as Speaker (Symposium/CMEs)

1. **i-MET Forum : Unlocking the unMET need in advanced NSCLC: RTM , organized by Novartis Oncology on 26th May 2021.**
2. **Making the Unknow Known: Identification of uncommon mutations in Lung cancer – Challenges & unmet need.** Scientific Meeting by Roche Foundation Medicine at virtual platform by Novartis on 17th April , 2021.
3. **Making the Unknow known: Improving identification and management of cancer patients with Foundation Medicine (FMI).** Scientific Meeting by Roche Foundation Medicine at Apollo Hospital, Dhaka, Bangladesh on 25th July, 2019.
4. **Making the Unknow known: Improving identification and management of cancer patients with Foundation Medicine (FMI).** Scientific Meeting by Roche Foundation Medicine at Santoor Restaurant, Dhaka, Bangladesh on 25th July, 2019.
5. **Genetic testing in Gynecological cancers: A Need or A Luxury?** An Update in Gynaecological Malignancies (Amalgamating Basics and Evidence) organized by Max Institute of Cancer Care at Max Super-Speciality Hospital-Shalimar Bagh, at Raddison Blue, Pashchim Vihar on 13th April 2019.
6. **Max data on genomic testing in lung cancer.** Molecular oncology workshop "Update in Lung Cancer YER 2018", 15th & 16th December Mumbai.
7. **Debate - Molecular markers and gene based therapy has failed to deliver.** 5th "Fortis Radiation Oncology Annual" on "Big Debates in Radiation Oncology" The CME held on September 16 2018 at Fortis Gurgaon.

8. **Prognostic molecular genomics and its implication in early breast cancer.** 20th DBOG (Delhi Breast Oncology Group) meeting held on 23rd June, 2018 (Saturday) in Fortis Hospital (Auditorium, 2nd floor, oncology block) , Noida
9. **Genomic Solutions for Precision Oncology.** Oncology Road Show on the theme “Today’s Genomic Solutions for Tomorrow’s Cancer Breakthroughs” organized by Illumina-Premas LifeSciences held on 22nd May 2018 at Hotel Lalit, New Delhi.
10. **Lynch syndrome screening in Women with Endometrial Cancer.** CME on Molecular Pathology of Gynecologic Oncology held on 18th May 2018 at Indraprastha Apollo Hospitals, New Delhi.
11. **COLORECTAL CANCERS.** Max ONCOCON 2017” with theme :“Primary Care Physician: A partner in Cancer Care!!” a multispecialty conference at The Jehan, Grand Trunk Road on 17th Dec2017
12. **Comprehensive Genomic profiling Hype or Hope.** 3rd MAX DEBATES IN ONCOLOGY organized at New Delhi on Sunday 27th August, 2017.
13. **Molecular Markers in Head and Neck cancers.** CME on “Head and Neck Cancers” organized on behalf of “Delhi Oncology Forum” held on 5th July 2017 at New Delhi
14. **Genetic Landscape of Thyroid Cancer and relevance of Molecular Testing.** The management of Thyroid Cancer held on 8th July 2017 organized by Department of Head & Neck Surgery and Dept of Nuclear Medicine, Artemis Hospital, Gurgaon, Delhi NCR
15. **Precision Oncology: Personalized, Problematic and Promising. Oncology Road Show on the theme “**Today’s Genomic Solutions for Tomorrow’s Cancer Breakthroughs” organized by Illumina-Premas LifeSciences held on 25th May 2017 at Hotel Crown Plaza, Okhla, New Delhi.
16. **Testing For BRCA1/2 Genes And Their Modifiers: Who When And How.** 4th Edition of the Update on Consensus in the treatment Early Breast Cancer: St. Gallen Early Breast Cancer update held on 28-30 April 2017 at Hotel ITC Grand Central, Parel, Mumbai.
17. **Multidisciplinary decision making: The breast tumor board.** ‘Max Oncocon 2017- Partnering in Cutting Edge Cancer Care’ on the 30th of April 2017, organized by Max Institute of Cancer Care, East Zone (Vaishali & Patparganj) at Radisson Blu, Ghaziabad, UP
18. **Using genomic profiling in emerging Asian economies and what the future holds.** CME: Organized by Medical Oncologist Forum held 5th March 2017 at Hyderabad.
19. **Prophylactic Surgery in High Risk Population.** International Gynae Cancer Congress 2017 organized by Dharamshila Hospital And Research Centre on the 18th and 19th of February 2017 under the aegis of the Association of Obstetricians and Gynaecologists of Delhi (AOGD) at India Habitat Centre, Lodhi Road, New Delhi
20. **Multi-Disciplinary Tumor Board - Clinical Breast Cancer Practice: Lesson From Molecular Biology.** 3rd Indo British Advanced Master-Class In Oncoplastic Breast Surgery & Breast Cancer Symposium 2016 held at Conrad Pune, From 5th to 7th Aug 2016.
21. **Recommendation for Screening of Gynaecological Cancers.** CME: Common Gynecological disorders at Max Super Specialty Hospital, Saket, New Delhi under the aegis of Association of obstetrician and

gynaecologist of Delhi(AOGD) and Forum of obstetrician and gynaecologist of South Delhi (FOGSD) on 24th April,2016

22. **Advances in Cancer Management.** Max Medicon 2015 21st 22nd November, 2015
23. **Role of Molecular Oncology in Personalized Cancer Medicine: a case discussion.** Workshop series on molecular diagnostics and quality control by Horizon Discovery Ltd., New Delhi on the 12th October, 2015
24. **BRCA mutations in breast cancer.** 1st Breast Cancer update organized by YOGI on 22nd July 2015 at India Habitat Centre, Delhi
25. CME on **Clinical Application of Genomics in Oncology** on 14th May 2015 at Max Hospital, Partparganj, Delhi
26. **Cancer Genomics.** CME: Genomics and Molecular testing in Oncology, 23rd April, 2015, organized by Datar Genetics, Noida
27. **Multi-disciplinary Tumor Board- Hereditary Breast Cancer.** 2nd Indo-British Advanced Masterclass in Oncoplastic Breast Surgery and Breast Cancer Symposium 2015, 13-15 Feb, in Pune.
28. **Molecular Aspect of TNBC.** 1st Delhi Breast Oncology Group CME on Breast Cancer, 3rd January, 2015 at Seminar Hall, RG Square mall (Max Hospital, Patparganj)
29. **Genes and Cancer: Role Of Molecular Oncologist In Rectal cancer.** CME: Key Lectures And Tumour Board Discussions In Rectal Cancer, 26th July 2014, at Max Hospital, Patparganj.
30. **The Way Forward in Breast Cancer Pathology-Molecular Profiling.** CME: A Practical Approach to Integrating Radiology and Pathology in the treatment of breast cancer, 27th April, 2014, organized by Indian Society of Oncology and Association of Breast Surgeons of India and Max Cancer Center, at Max Hospital Saket, New Delhi
31. **Hereditary aspect of Urological Malignancies.** CME: Advances in Oncology, 27th May, 2013, organized by Core Diagnostics Delhi
32. **EGFR mutation Lung Cancer in Indian patients.** International Symposium on Recent Updates on Mutation and Cancer Research under the aegis of Environmental Mutagen Society of India (EMSI), on Dec. 18, 2011, Punjab University, Chandigarh

Posters/Papers Presented at International/National Conferences:

1. **Familial Medullary Thyroid Carcinoma: RET gene analysis for an Indian family of 11 members at HCG Hospitals, Bangalore.** Vidya H Veldore, Soujanya Kakara, Venkatachala K, Sumana Pattanayak, Venkataswamy E, Ajai Kumar B.S. and **Amit Verma**. Next-Generation Sequencing and Bioinformatics for Genomics & Healthcare meeting (2011). Dec 16-17, 2011 at the Rajiv Gandhi Centre for Biotechnology, Trivandrum, Kerala, India
2. **High throughput sequencing support for identification of personalized tumor-specific phage probes from phage libraries.** Jayanna P.K., Kumar S., Pattanayak S., Kakara S., Sachdeva A., Kiran C.,

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 4. **Overexpression of tissue transglutaminase leads to constitutive activation of nuclear factor-kappaB in cancer cells: Delineation of a novel pathway.** **Amit Verma**, Gautam Sethi, Huamin Wang, Rakesh Kumar, Bharat Aggarwal, Kapil Mehta. **59th symposium on stem cell research**, 2006, Houston, TX.
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 7. **Raising of Anti-Human Mannan Binding Lectin Associated Serine Protease-2 (MASP-2) Antibody Using Bioinformatics.** **Amit Verma**, S D Gupta, Ranju Ralhan. **2nd National Conference of Biotechnology Society of India**, BioTech 2004 organized by CSIR, New Delhi, India
 8. **Hereditary Breast Cancer: An experience at Max Cancer Center.** Indian Cancer Congress 2013.