

CURRICULUM VITAE

NAME : **SUDEEP GUPTA**

ADDRESS

Permanent : C/o Dr. S.K. Gupta
A-6/15 Rail Vihar,
Indrapuram, Ghaziabad - 201010, U.P.
Telephone: (+91) – 120 - 2607037

Mailing : Sundaram, Flat 14, TMC Colony, Mandala,
Mumbai - 400088
INDIA
Telephone: (+91) - 22 - 25480188

Office : Room No 15, Dept. of Medical Oncology,
Tata Memorial Hospital, Parel, Mumbai - 400012
Telephone: (+91) – 22 – 24177201

E-mail : **sudeepgupta04@yahoo.com**

DATE OF BIRTH : February 8, 1969

CURRENT POSITION : Associate Professor of Medical Oncology at Tata Memorial Hospital, Mumbai, India since June 2001. This is India's apex institution for cancer care, education and research.

EDUCATION :

A. MEDICAL EDUCATION :

Graduate (1986-1991) : Bachelor of Medicine and Bachelor of Surgery (MBBS) from All India Institute of Medical Sciences, New Delhi.
1987 First Professional Examination, 65.9% marks.
1988 Second Professional Examination 67.5% marks.
1990 Final Professional Examination 62.0% marks.
1991 One year Compulsory Rotating Internship at All India Institute of Medical Sciences, New Delhi.

Post Graduate (1992-1994) : Doctor of Medicine (MD) in Internal Medicine from All India Institute of Medical Sciences, New Delhi.

Senior Resident : Ad-hoc Senior Residency in Unit of Medical Oncology

(Medical Oncology)
(1995-1997) Institute Rotary Cancer Hospital, All India Institute of Medical Sciences, New Delhi.

DM (Medical Oncology) : In Department of Medical Oncology, IRCH, AIIMS,
(1998 - 2000) New Delhi.

Passed the DM exam (1st attempt) in May 2000.

All examinations passed in First Attempt

B. SCHOOL EDUCATION

Matriculation (10th Std.) : 1984, (I.C.S.E.) from St. Peter's College Agra with 91% marks. 1st rank in school and district.

Intermediate (12th Std.) : 1986 (A.I.S.S.C.) from Modern School Barakhamba Road, New Delhi with 92.6% marks. 1st rank in school.

CLINICAL TRAINING AND PROFESSIONAL EXPERIENCE

1991 : 1 year compulsory rotating internship at A.I.I.M.S. Hospital (New Delhi) including 3 months at an attached community hospital in Ballabgarh, Haryana. Rotation in various clinical departments of A.I.I.M.S. Hospital.

1992-94 : Junior Resident in the Department of Internal Medicine, All India Institute of Medical Sciences, New Delhi. Rotation in Departments of Nephrology, Neurology, Cardiology, Emergency Medicine, Gastroenterology, Endocrinology and Family Medicine as part of training.

1995 -1997 : Senior Resident in the Department of Medical Oncology, Institute Rotary Cancer Hospital, A.I.I.M.S. New Delhi.

1998 - 2000 : DM in Department of Medical Oncology, IRCH, A.I.I.M.S. Carried out autologous and allogenic BMT as part of training.

Jan 2001 – June 2001 : Research Officer in Medical Oncology, IRCH, AIIMS

June 2001 onwards : Working as Consultant Medical Oncologist at Tata Memorial Hospital, Mumbai

LICENSURE : Medical Council of India.
Registration No. 10073

RESEARCH EXPERIENCE

- 1991** : One-month elective training during internship at the Department of Biotechnology, A.I.I.M.S. Worked on DNA flow cytometry.
- 1992-94
(MD Thesis)** : Submitted the MD Thesis titled "Serum IgA levels in seronegative spondyloarthropathies (SSA): Correlation with disease activity in HLA-B27 positive patients" to the faculty of A.I.I.M.S.
- 1998** : Clinical analysis of autologous bone marrow transplant patients in IRCH, A.I.I.M.S.
- 1998-2000
(DM Dissertation)** : Cytogenetic evaluation of adult ALL patients in IRCH, A.I.I.M.S.
- 1998-2000
(DM Dissertation)** : Clinical analysis of ovarian cancer patients in IRCH, A.I.I.M.S.
- 2001 to present** : Submitted a proposal on a randomized trial of neoadjuvant chemotherapy in advanced ovarian cancer to CSIR, New Delhi, which was accepted. Submitted proposals for large randomized phase III trials as the principal investigator on breast and cervical cancers. List of Research Projects attached in the end.

TEACHING EXPERIENCE

- 1992-94** : Medical students as Junior Resident, Internal Medicine, A.I.I.M.S.
- 1995 to 1997** : Medical students and residents as Senior Resident, Medical Oncology, IRCH, A.I.I.M.S.
- 1998 to 2000** : Medical students and junior residents as SR Medical Oncology, IRCH, A.I.I.M.S.
- 2001 to present** : Fellows (training for the degree of D.M.) in Medical Oncology at Tata Memorial Hospital, Mumbai.
Recognized as a teacher of the University of Mumbai for D.M. Medical Oncology with effect from 10th Feb, 2003.

CONFERENCES ORGANIZED AND ATTENDED

1. Attended the **Oncology Conference in R & R Hospital**, New Delhi in August, 2000.
2. Attended an international conference on “**Molecular Targets in Cancer Cells**” organized by Medical Oncology Dept. of Tata Memorial Hospital, Mumbai in February 2001.
3. Organized an **International Myeloma Conference** at Tata Memorial Hospital, Mumbai, in January 2002.
4. Organized a **quiz on breast cancer** for post-graduates as part of **Indian School of Oncology** meet at Tata Memorial Hospital, Mumbai, in January 2002.
5. Attended the annual **Mumbai Hematology Group meeting** at Wadia Hospital, Mumbai, in Feb. 2002.
6. Attended the **ASCO-Asia conference organized by Apollo Hospitals, Delhi**, in Feb. 2002.
7. Member of the Organizing Committee of the **8th Asia-Pacific Bone Marrow Transplant Group Congress** held at Tata Memorial Hospital, Mumbai from October 31 to November 3, 2002. Took an active part in bringing out the scientific brochure for this meeting.
8. Member of the Organizing Committee for the **1st Evidence Based Meeting at Tata Memorial Hospital**, Mumbai, in Feb 2003.
9. Organizing Secretary of the **ESMO sponsored Symposium on Palliative Care at Tata Memorial Hospital**, Mumbai, in Feb 2003 as part of annual **ICON** conference. The organization of this symposium was highly appreciated by The European Society of Medical Oncology (ESMO) and could be the role model for similar initiatives in future.
10. Organized the **written oncology quiz** for postgraduates as part of the **annual ICON conference**, in Feb 2003, at Tata Memorial Hospital, Mumbai.
11. Attended the **Chemotherapy Foundation Symposium XXI – Innovative Cancer Therapy for Tomorrow’ in New York City**, from Nov 12 to 15, 2003. Organized by the Mount Sinai School of Medicine, New York.
12. Participated as one of the invitees in the **WHO Round Table Conference on Community Oncology Projects in India’** organized by the Indira Gandhi Institute of Medical Sciences, Patna, 29-30th November, 2003.
13. Participated in **‘A round Table Discussion on Breast Cancer’**, organized by Eli Lilly at Mumbai on 10th January, 2004.
14. Attended the **ASH-2003 update** in Mumbai on 1st February, 2004.

15. Attended the '**Aventis Asia Advances in Oncology**' conference in Singapore from 20-21 Feb, 2004.
16. Attended the '**Scientist-Physician Interface**' organized by Dr Reddy's Research Laboratories on 5th March, 2004 in Hyderabad.
17. Attended the '**Global Experts Summit, Advances in the Treatment of Breast Cancer**', in Budapest, Hungary from 16th to 17th April, 2004.
18. Attended the **GCP Workshop and Investigators Meet on Aromasin in Colombo** on 20th June, 2004.
19. **Organizing Secretary** of the '**World Lymphoma Awareness Day**' on 17th September 2004 at Tata Memorial Hospital for patients and survivors of lymphoma. Sponsored by the Roche Scientific Company.
20. **Organizing Secretary** of the 2nd '**WCI-TMH Annual Conference on Breast Cancer** at Tata Memorial Hospital from 20th to 21st November 2004. The theme of the conference was '**Systemic Adjuvant therapy in Breast Cancer**'. It was a highly successful conference attended by delegates from all over India.
21. **Treasurer** of the '**AGOICON 2004**' – **The 13th Annual Conference of the Association of Gynecologic Oncologists of India**' held at Tata Memorial Hospital from 3rd to 6th December, 2005. Organized by the Unit of Gynecologic Oncology, Department of Medical Oncology, Tata Memorial Hospital.
22. **Joint Secretary** of the '**29th Annual Conference of the Mumbai Hematology Group**' organized at Tata Memorial Hospital from 18th to 20th March, 2005. Organized by the Department of Medical Oncology, Tata Memorial Hospital'.

MAJOR INTERESTS

1. Biostatistics.
2. Epithelial ovarian cancer.
3. Cervical cancer
4. Breast cancer. I am the secretary of the Women's Cancer Initiative which is a foundation for support of patients and research in breast and cervical cancers, started at Tata Memorial Hospital in 2003.
5. Lymphomas

AWARDS

1. President's Medal, 1986-87, on occasion of 66th Founder's Day Celebration at Modern School, Barakhamba Road, New Delhi.
2. Pratik Gupta Memorial Prize for being best in academics, 1986-87, at Modern School, New Delhi.
3. Shiv Lall Advocate Memorial Prize for being best in academics in Board Exams, 1986-87, at Modern School, New Delhi.
4. Certificate of Merit from Parent Teacher Association Modern School, New Delhi, for standing 1st in Class-XII, 1986.
5. Merit Award from Modern School, New Delhi, 1986-87.
6. Certificate of Merit in 1987 from the Director of Education, Delhi Administration for extraordinary performance in A.I.S.S.C. Exam.
7. Certificate of Merit from A.I.I.M.S. for being winner in intra-college table tennis competition in 1986-87 and 1987-88 and runners-up in 1988-89

INDEXED PUBLICATIONS IN LAST ONE YEAR

1. Maheshwari A, Gupta S, Prabhash K, Tongaonkar HB. Feasibility of intraperitoneal chemotherapy in advanced epithelial ovarian cancer. *Indian J Cancer*. 2010 Apr-Jun;47(2):225-6.
2. Gupta S. Breast cancer in India: a continuing challenge. *Indian J Cancer*. 2010 Jan-Mar;47(1):1-2.
3. Mallik S, Gupta S, Munshi A. Memoirs of differential radiation doses: Gemcitabine induced radiation recall. *Acta Oncol*. 2010;49(2):261-2
4. Chaturvedi P, Pai PS, Chaukar DA, Gupta S, D'cruz AK. Bisphosphonate induced osteonecrosis of the jaw masquerading as tumor: A word of caution for oral surgeons and oncologists. *Eur J Surg Oncol*. 2010 Jan 11
5. Gujral S, Polampalli SN, Badrinath Y, Kumar A, Subramanian PG, Nair R, Gupta S, Sengar M, Nair C. Immunophenotyping of mature B-cell non Hodgkin lymphoma involving bone marrow and peripheral blood: critical analysis and insights gained at a tertiary care cancer hospital. *Leuk Lymphoma*. 2009 Aug;50(8):1290-300
6. Gupta S, Jain P, Kumar P, Parikh PM. Zoledronic acid induced osteonecrosis of tibia and femur. *Indian J Cancer* 2009;46:249-250

INDEXED PUBLICATIONS IN LAST FIVE YEARS

1. Prabhash K, Vikram GS, Nair R, Sengar M, Gujral S, Bakshi A, Gupta S, Parikh PM. Fludarabine in lymphoproliferative malignancies: a single-centre experience. *Natl Med J India*. 2008 Jul-Aug;21(4):171-4.

2. Jain P, Gupta S, Parikh PM. Newer therapeutic molecules for multiple myeloma. *Indian J Cancer*. 2008 Oct-Dec;45(4):142-8. Review.
3. Laskar S, Mohindra P, Gupta S, Shet T, Muckaden MA. Non-Hodgkin lymphoma of the Waldeyer's ring: clinicopathologic and therapeutic issues. Review. *Leuk Lymphoma*. 2008 Dec;49(12):2263-71.
4. Gujral S, Agarwal A, Gota V, Nair R, Gupta S, Pai SK, Sanger M, Shet T, Subramanian PG, Muckaden M, Laskar S. A clinicopathologic study of mantle cell lymphoma in a single center study in India. *Indian J Pathol Microbiol*. 2008 Jul-Sep;51(3):315-22.
5. Shukla PJ, Siddachari R, Ahire S, Arya S, Ramani S, Barreto SG, Gupta S, Shrikhande SV, Jagannath P, Desouza LJ. Postoperative deep vein thrombosis in patients with colorectal cancer. *Indian J Gastroenterol*. 2008 Mar-Apr;27(2):71-3.
6. Jain P, Gupta S, Prabhaskar K, Patkar N, Parikh PM. Adult T cell leukemia: A typical case from India. *Indian J Cancer*. 2008 Apr-Jun;45(2):72-3. No abstract available.
7. Shet T, Parage M, Maheshwari A, Nair R, Gupta S, Tongaonkar H, Chinoy R. Epithelioid trophoblastic tumor of uterus presenting as an ovarian mass: a diagnostic and therapeutic dilemma. *Indian J Pathol Microbiol*. 2008 Apr-Jun;51(2):242-4.
8. Laskar S, Bahl G, Muckaden MA, Pai S, Nair R, Gupta S, Shet T, Gujral S, Arora B, Sengar M, Shrivastava SK, Dinshaw KA. Non-Hodgkin's lymphoma of Waldeyer's ring in children: outcome using chemotherapy and involved field radiotherapy. *Clin Oncol (R Coll Radiol)*. 2008 Oct;20(8):613-8. Epub 2008 Jun 26.
9. Gupta S. HER2 positivity predicts a benefit from paclitaxel treatment after adjuvant chemotherapy. *Nat Clin Pract Oncol*. 2008 May;5(5):252-3. Epub 2008 Mar 25. No abstract available.
10. Thyaviahally YB, Tongaonkar HB, Gupta S, Kurkure PA, Amare P, Muckaden MA, Desai SB. Primitive neuroectodermal tumor of the kidney: a single institute series of 16 patients. Review. *Urology*. 2008 Feb;71(2):292-6.
11. Hingmire SS, Biswas G, Bakshi A, Desai S, Dighe S, Nair R, Gupta S, Parikh PM. Cytomegalovirus oesophagitis in a patient with Non-Hodgkin's lymphoma. *Indian J Med Microbiol*. 2008 Jan-Mar;26(1):79-80.
12. Maheshwari A, Gupta S. Is Semen an Etiologic Factor in the Development of Primary Peritoneal Carcinoma and Epithelial Ovarian Cancer? *Medical Hypotheses*. *Med Hypotheses* 2005;64:264-266.
13. Wuntkal R, Gupta S, Maheshwari A, Tongaonkar HB. Paraparesis: A Rare Primary Presentation of Epithelial Ovarian Cancer. *Int J Gynecol Cancer*. 2006 Jan-Feb;16 Suppl 1:293-4.
14. Deshmukh C, Bakshi A, Parikh P, Nair R, Pai V, Gupta S, Shaikh A, Muckaden M, Naresh K, Saikia T. Primary Non-Hodgkin's Lymphoma of the Bone: A Single Institution Experience. *Medical Oncology* 2004;21:263-268.

15. Maheshwari A, Gupta S, Wuntkal R, Kulkarni Y V, Tongaonkar HB. Brain Metastasis from Cervical Carcinoma: A Case Report and Review of Literature. *MedGenMed*. 2005 Jan 5;7(1):26.
16. Maheshwari A, Gupta S. Is semen an etiological factor in the development of primary peritoneal and epithelial ovarian cancers? *Medical Hypotheses*. 2005;64(2):264-6.
17. Wuntkal R, Maheshwari A, Gupta S, Kane S, Tongaonkar HB. Growing teratoma syndrome in germ cell tumor of the ovary: a case report and review of literature. *Aust N Z J Obstet Gynaecol*. 2005 Apr;45(2):170-1.
18. Wuntkal R, Maheshwari A, Gupta S, Kane S, Tongaonkar HB. De-differentiation in a mucinous tumor of the ovary. *Aust N Z J Obstet Gynaecol*. 2005 Apr;45(2):172.
19. Shah S, Gupta S, Shet T, Maheshwari A, Wuntkal R, Mohandas KM. Related Articles, Metastatic clear cell variant of hepatocellular carcinoma with an occult hepatic primary. *Hepatobiliary Pancreat Dis Int*. 2005 May;4(2):306-7.
20. Wuntkal R, Maheshwari A, Gupta S, Tongaonkar HB. An unexpected complication of uterine myoma morcellation. *Aust N Z J Obstet Gynaecol*. 2005 Jun;45(3):248-9.
21. Wuntkal R, Maheshwari A, Gupta S, Tongaonkar HB. Bilateral fallopian tube carcinoma presenting as primary infertility. *Eur J Obstet Gynecol Reprod Biol*. 2005 Oct 1;122(2):244-5
22. Upadhye V, Gujral S, Maheshwari A, Wuntkal R, Gupta S, Tongaonkar H B. Benign cystic teratoma of ovary with co-existent typhoid fever perforating into small intestine. *Indian J Gastroenterol*. 2005 Sep-Oct;24(5):216-7.
23. Gupta S, Maheshwari A, Gujral S, Kelkar R, Parikh P, Tongaonkar HB. Acute leukaemia presenting as vulvar ulcers in an adolescent girl. *Aust N Z J Obstet Gynaecol*. 2005 ;45:533-537.
24. Gupta S. Should paclitaxel be combined with epirubicin or carboplatin as first-line chemotherapy for advanced breast cancer? *Nat Clin Pract Oncol*. 2005 Feb;2(2):80-1.
25. Maheshwari A, Gupta S, Kane S, Kulkarni Y, Goyal BK, Tongaonkar HB Accuracy Of Intraoperative Frozen Section In The Diagnosis Of Ovarian Neoplasms: Experience At A Tertiary Oncology Center. *World J Surg Oncol*. 2006 Feb 24;4(1):12
26. Wuntkal R, Gupta S, Maheshwari A, Tongaonkar HB. Paraparesis: A rare primary presentation of epithelial ovarian cancer. *Int J Gyne Cancer* 2006 Jan-Feb;16 Suppl 1:293-4.
27. Laskar S, Bahl G, Puri A, Agarwal MG, Muckaden M, Patil N, Jambhekar N, Gupta S, Deshpande DD, Shrivastava SK, Dinshaw KA. Perioperative Interstitial Brachytherapy for Soft Tissue Sarcomas: Prognostic Factors and Long-Term Results of 155 patients. *Ann Surg Oncol* 2006 Nov 11; (Epub ahead of print)
28. Laskar S, Muckaden MA, Bahl G, de S, Nair R, Gupta S, Bakshi A, Prabhash K, Maru D, Gujral S, Parikh P, Shrivastava SK, Dinshaw KA. Primary non-Hodgkin's lymphoma of

the nasopharynx: prognostic factors and outcome of 113 Indian patients. *Leuk Lymphoma* 2006;47(10):2132-9

29. Gupta S, Maheshwari A, Wuntkal R, Mazid T, Tongaonkar HB. Diagnostic dilemma in an elderly woman with intractable ascites and elevated CA-125 level. *J Assoc Physicians India* 2006;54:655-6
30. Maheshwari A, Gupta S, Shet T, Wuntkal R, Tongaonkar HB. Diagnostic dilemma in a case of malignant mixed mullerian tumor of the cervix. *World J Surg Oncol* 2006;4:36
31. Biswas G, Parikh PM, Nair R, Bhagwat R, Bakshi A, Prabhash K, Vora A, Gupta S, Pai VR, Menon H, Sastry PS. Rituximab ((anti-CD20 monoclonal antibody) in lymphoproliferative malignancies: Tata Memorial experience. *J Assoc Physicians India* 2006;54:29-33
32. Maheshwari A, Gupta S, Kane S, Kulkarni Y, Goyal BK, Tongaonkar HB. Accuracy of intraoperative frozen section in the diagnosis of ovarian neoplasms: Experience at a tertiary oncology center. *World J Surg Oncol*. 2006 Feb 24;4(1):12
33. Gupta S, Maheshwari A, Bhati GS, Desai S, Tongaonkar HB. Cervical lymphoma presenting as irregular vaginal bleeding. *J Can Res Ther* 2006;2;72-73.
34. Wuntkal R, Gupta S, Maheshwari A, Tongaonkar HB. Paraparesis: A rare primary presentation of epithelial ovarian cancer. *Int J Gyn Cancer* 2006 Jan-Feb;16 Suppl 1:293-4.
35. Goyal L, Gupta S. Is short duration trastuzumab adequate adjuvant therapy for HER-2 overexpressing breast cancers? *Natl Med J India* 2006;19(5)264-265
36. Wadasadawala T, Gupta S, Bagul V, Patil N. Brain metastases from breast cancer: management approach. *J Cancer Res Ther*. 2007 Jul-Sep;3(3):157-65. Review.
37. Gupta S, Maheshwari A, Bhati GS, Desai S, Tongaonkar HB. Cervical lymphoma presenting as irregular vaginal bleeding. *J Cancer Res Ther*. 2006 Apr-Jun;2(2):72-3.
38. Karanth NV, Karanth PN, Gupta S, Nair R, Parikh PM. Cryptosporidiosis in a relapsed case of Hodgkin's disease. *Indian J Med Sci*. 2007 Jul;61(7):419-21. No abstract available.
39. Laskar S, Bahl G, Muckaden MA, Nair R, Gupta S, Bakshi A, Gujral S, Shet T, Shrivastava SK, Dinshaw KA. Primary diffuse large B-cell lymphoma of the tonsil: is a higher radiotherapy dose required? *Cancer*. 2007 Aug 15;110(4):816-23.
40. Thyavihally YB, Tongaonkar HB, Gupta S, Gujral S. Primary seminal vesicle adenocarcinoma presenting as isolated metastasis to penis responding to chemotherapy and hormonal therapy. *Urology*. 2007 Apr;69(4):778.e1-3.
41. Nair R, Prabhash K, Sengar M, Bakshi A, Gujral S, Gupta S, Parikh P. The effect of short-term intensive chemotherapy on reactivation of tuberculosis. *Ann Oncol*. 2007 Jul;18(7):1243-5. Epub 2007 Apr 13.

Chapters in books

1. Kochupillai V, **Gupta S**. Tumour Markers. *In* Gupta D.K. (ed): Textbook of Pediatric Surgery, 1st Ed, 2001.
2. **Gupta S**, Bakshi A, Pai VR, Parikh PM. Multiple Myeloma. *In* Puri A (ed): Textbook of Orthopedics. 2004

RESEARCH PROJECTS

1. A prospective randomized trial of neo-adjuvant chemotherapy and surgery versus concurrent chemoradiation therapy in patients with stage IB2-IIIB squamous carcinoma of the uterine cervix **(NEW) : Principal Investigator**
Approved by HSRC & EC 5.2003
Accrued 20 patients to date
Being funded by DAE-CTC at present.
Submitted for funding to ICMR
2. A prospective randomized trial of concurrent chemoradiation therapy versus radical radiation therapy alone in patients with stage III B squamous carcinoma of the cervix **(NEW): Co-investigator**
Approved by HSRC & EC 31.1.2003
Submitted for funding to ICMR
3. Molecular markers for detection and progression of cervical cancer: A national multicentre study: Department of Biotechnology, Govt. of India **(NEW): Co-Investigator**
Approved by DBT Scientific Review Committee
Approved by HSRC & EC in November 2003
Funded by Dept of Biotechnology, Govt. of India
Just initiated
4. Single arm study of single agent Carboplatin as neoadjuvant treatment in advanced carcinoma of the ovary. Not Funded. Ongoing & preliminary analysis presented in Grand Round.
5. A randomized trial of pivanex plus docetaxel or docetaxel monotherapy in patients with chemotherapy resistant advanced non-small cell lung carcinoma of the lung (NSCLC). Sponsored by Titan Pharmaceuticals, Inc. USA. **(NEW). Principal Investigator.** Approved by HSRC & HEC on 8th August 2003. Accrued 4 patients.
6. Estrogen priming to increase the efficacy of standard adjuvant chemotherapy in operable breast cancer. **(NEW). Principal Investigator.** Conditionally approved by HSRC & HEC on 5th August, 2003. To be submitted to ICMR for funding. Yet to start.
7. Protocol Number BO16216E/H2223g: A randomized , controlled , open label study to evaluate the efficacy and safety of Herceptin (trastuzumab) in combination with the oral aromatase inhibitor Arimidex (anastrozole) compared with Arimidex alone as first and second line treatment administered to postmenopausal , hormone receptor positive (ER + ve and/or PR + ve) patients with HER2 over expressing metastatic breast cancer. **(NEW). Co-Investigator.** Sponsored by Roche. Approved by HSRC & HEC in Jan, 2003 and started accrual.
8. EORTC Protocol No. 10951 (Amendment No. 2) entitled ` Randomized phase II – III study in first line hormonal treatment for metastatic breast cancer with Exemestane or Tamoxifen in Postmenopausal patients'. Sponsored by EORTC. **(ONGOING, approved on 08/05/02). Co-Investigator.**

9. Protocol B9E-MC-S197 entitled ` Randomized phase II Trial of Gemcitabine combined with a taxane for Metastatic Breast Cancer. Sponsored by Eli Lilly. **(ONGOING, approved 31/08/01, accrual completed). Co-Investigator.**
10. Protocol H3E-AA-S037(a). `Open label single arm phase II study of Alimta in patients with Advanced Non-Small Cell Lung Cancer who had prior chemotherapy'. Sponsored by Eli Lilly. **(NEW). Co-Investigator.**
11. `A Double Blind, Placebo Controlled, Parallel Group, Multicentre, Randomized, Phase III Survival Study comparing ZD 1839 (IRESSA™) (250 mg tablet) plus Best Supportive Care versus Placebo plus Best Supportive Care in patients with advanced NSCLC who have received one or two prior chemotherapy regimens and are Refractory or Intolerant to their most recent Regimen'. Sponsored by Astra Zeneca. **(NEW). Co-Investigator.**
12. Protocol DRF 7295/II/04. `Phase II clinical trial on DRF 7295 in patients with advanced / Metastatic Colorectal cancer'. Sponsored by Dabur Research Foundation. **(NEW). Co-Investigator.**
13. Protocol GCSF/N/2003/0/00. `A multicentric Trial to determine the efficacy and safety of recombinant human granulocyte colony stimulating factor (rh G-CSF) in patients on myelosuppressive therapy for solid tumors. Sponsored by Shantha Biotechnics. **(NEW). Co-Investigator.**
14. Grastim (G-CSF, DRL) mobilized peripheral blood progenitor cell (PBPC) transplantation (allogeneic or autologous). Sponsored by Dr Reddy's Laboratories Ltd. **(NEW). Co-investigator.**