

STEPHEN R. SMALLEY, M.D.

CURRICULUM VITAE

PRESENT/PAST AFFILIATIONS:

Therapeutic Radiologists, Inc.

6601 Winchester, Suite 230
Kansas City, Missouri, 64133
(816) 313-2677
January 1995 - Present

Associate Professor
Department of Radiation Oncology
University of Kansas Medical Center
1986-1994

UNDERGRADUATE EDUCATION:

University of Missouri at Kansas City, Bachelor of Arts in Biology with Distinction, 1976
Victor Wilson Scholar, 1973, 1974, 1975, 1976
University of Missouri at Kansas City, Curator's Award, 1974-1975

MEDICAL EDUCATION:

University of Missouri at Kansas City – School of Medicine, Doctor of Medicine,
Degree conferred May, 1979
UMKC Student Representative to Missouri State Medical Association, 1978-1979
Delegate to House of Representatives of the Missouri State Medical Association, 1978-1979
UMKC Student Representative to the Jackson County Medical Society, 1977-1978
Student Body Representative to the Student Council, 1976, 1977, 1978, and 1979
UMKC Alumni Association's Student Body Liaison, 1976-1977

POSTGRADUATE EDUCATION:

Internal Medicine Residency at the Mayo Graduate School of Medicine, 1979-1982
Senior Resident Associate at the Mayo Graduate School of Medicine, 1982
Fellowship in Medical Oncology at the Mayo Graduate School of Medicine, 1982-1984
Fellowship in Radiation Oncology at the Mayo Graduate School of Medicine, 1984-1986

BOARD CERTIFICATION:

Diplomate of the National Board of Medical Examiners, 1980
Diplomate in Internal Medicine of the American Board of Internal Medicine, 1982
Diplomate of the American Board of Internal Medicine in the
Subspecialty of Medical Oncology, 1985
Diplomate of the American Board of Radiology in Radiation Oncology, 1987

PROFESSIONAL SOCIETIES:

Member, American College of Radiology, 1987-present
Member, Association of Residents in Radiation Oncology, 1984-1986
Member, American Society of Therapeutic Radiology and Oncology, 1987-present
Member, Southwest Oncology Group, 1987-present
Member, American Society of Clinical Oncology, 1987-present
Member, American Radium Society, 1988-present
Member, Kansas Radiological Society, 1988-present
Member, AUA Prostate Cancer Guidelines Panel
Member, Missouri State Medical Association
Member, American Medical Association
Member, Kansas Medical Society
Member, Johnson County Medical Society
Member, Metropolitan Medical Society of Greater Kansas City

PROFESSIONAL LICENSURE:

Licensed by the State Board of Medical Examiners of the State of Minnesota
to practice medicine, 1981-1986

Licensed by the State Board of Medical Examiners of the State of Kansas to practice medicine,
1986-present

Licensed by the State Board of Medical Examiners of the State of Missouri to practice
medicine, 1995-present

APPOINTMENTS:

Clinical Professor, University of Kansas, Department of Radiation Oncology,
July 1976-present

Clinical Associate Professor, University of Kansas, Department of Radiation Oncology,
1/95-6/96

Associate Professor, University of Kansas Medical Center, Department of Radiation
Oncology, 1990-1994

Assistant Professor, University of Kansas, Department of Radiation Oncology, 1986-1990

Instructor in Oncology, Mayo Medical School, 1983-1986

Gastrointestinal Steering Committee Member (Radiation Oncology) of the
Southwest Oncology Group, 1986-present



APPOINTMENTS (*Continued*):

NCI Organ Systems Program; Large Bowel Cancer Working Group. Conference for the Conservative Treatment of Rectal Cancer, November, 1987

American Joint Committee on Cancer, Task Force on Tumors Metastatic to the Brain, 1990-92

American Urological Association, Prostate Cancer Clinical Guidelines Panel, Radiation Oncology Representative, 1992

Program Director, Radiation Oncology Residency, University of Kansas Medical Center, 1991-1994

U.S. Representative for Radiation Oncology at the U.S.-Japan Clinical Trial Summit in Hawaii, 1993, 2000

American Society of Clinical Oncology 1995 Program Committee Member

NCI Site Visit Committee Member 1993-1994 - Eastern Cooperative Oncology Group

University of Kansas Medical Center Strategic Planning Committee, Member 1992-1993

University of Kansas Medical Center Diagnostic Radiology Chair Search Committee, Member 1993-1994

Board of Governors, Southwest Oncology Group, 1996-2003

Journal Reviewer, International Journal of Radiation Oncology Biology Physics, 1996-present

Journal Reviewer, Journal Clinical Oncology, 1996-present

Medical Volunteer, City Union Mission Kansas City, Missouri - Outpatient Clinic for the Homeless, 1997

HONORS AND AWARDS:

Alpha Omega Alpha (AOA) Honor Medical Society

American Cancer Society, Regular Clinical Fellowship, 1983-1984

Young Oncologist of the Year, Travel Grant Recipient, American Radium Society, 1986

American Cancer Society, Career Development Award, 1988-1991



HONORS AND AWARDS: *(Continued):*

American Cancer Society Travel Scholarship, Medical Oncology 1983

University of Kansas Faculty Travel Scholarship, 1990

European Society for Therapeutic Radiology and Oncology Travel Grant Recipient, 1990

Basic Science Travel Grant Recipient of the American Society for Therapeutic Radiology and Oncology, 1990

Certificate of Merit from the Radiological Society of North America for Abstract Presentation, 1992

National Who's Who Lifetime Member (registry #12043)

Best Doctors of America-Radiation Oncology, Midwest Region, 1996-present

Best Doctors of America-National, 1998-present

SCIENTIFIC EXHIBITS:

Presentation of abstract: "Comprehensive MRI Staging of Spine Metastasis: Impact of RT Treatment Planning" at the 78th Scientific Assembly and Annual Meeting of Radiological Society of North America, Chicago, IL, 11/28/92-12/4/92

ABSTRACTS:

Sarcoidosis and Malignancy. Marschke, R., Dines, D., Smalley, S. and Golenzer, H. Presented at Mayo Graduate School of Medicine Alumni Meeting, Fall, 1981, Montreal, Canada.

Pulmonary Sarcoidosis and Malignant Neoplasms. Marschke, R., Dines, D., Smalley, S., Golenzer, H. American Review of Respiratory Diseases 123(4):65, 1981.

Hepatocellular Carcinoma in the Non-Cirrhotic Liver. Smalley, S. R., Moertel, C. G., Adson, M., Creagan, E. T., Fleming, T. R., Hilton, J., Nagorney, D. Proceedings of the American Society of Clinical Oncology, 1984.

Fibrolamellar Hepatoma. Nagorney, D., Adson, M., Weiland, L., Knight, C., Jr., Smalley, S. R., Zinmeister, A. Proceedings of the Society for Surgery of the Alimentary Tract, 1984.

Modern Radiotherapeutic Management of Bulky Stage II Seminoma. Smalley, S. R., Evans, R. G., Richardson, R., Farrow, G., Earle, J. D. International Journal of Radiation Oncology Biology Physics 10 (suppl. 2):134-135, October, 1984.



ABSTRACTS: *(Continued):*

Patterns of Failure Following Complete Resection of Hepatomas. Smalley, S. R., Gunderson, L. L., Schray, M. F., Adson, M., Weiland, L. W. American Journal of Clinical Oncology: Cancer Clinical Trials 8:14, 1985.

Impact of Adjuvant Radiation Therapy Following Resection of Cerebral Metastasis on Survival and Patterns of Failure. Smalley, S., Schray, M., Laws, E., O'Fallon, J. International Journal Radiation Oncology Biology Physics 11:158, 1985.

Sarcoidosis and Malignant Neoplasm: The Mayo Clinic Experience. Marschke, R., Dines, D., Smalley, S., Wieand, H. Fifth European Conference on Sarcoidosis and Other Granulomatous Disorders, Vienna, Austria, 1986.

Radiotherapeutic Considerations in the Treatment of Hemangioblastomas of the Central Nervous System. Smalley, S., Schomberg, P., Earle, J., Laws, E., Jr. International Journal of Radiation Oncology Biology Physics 12(1):144, 1986.

Dosimetric Analysis in Brachytherapy of Carcinoma of the Cervix. Krishnan, L., Cytacki, E., Wolf, D., Reddy, E., Gerner, L., Giri, S., Smalley, S., Evans, R. International Journal of Radiation Oncology Biology Physics 15(Supplement 1):188-189, 1988.

Radiotherapeutic Management of Polymorphic Reticulosis (Lethal Midline Granuloma) Limited to the Upper Aerodigestive Tract. Smalley, S., Cupps, R., Anderson, J., Ilstrup, D., McDonald, T., Weiland, L., DeRemee, R. International Journal of Radiation Oncology Biology Physics 13(1):146-147, 1987.

Bulky Stage II and III Seminomas: Results with Modern Radiotherapy. Smalley, S., Earle, J., Evans, R., Richardson, R. International Journal of Radiation Oncology Biology Physics 15(1):131-132, 1988.

Radiation-Induced Vascular Changes: A Canine Model for Intraoperative Radiation Therapy. Gerner, L., Kane, S., Gilles, C., Kimler, B., Smalley, S., Hassanein, R. International Journal of Radiation Oncology Biology Physics 17:245-246, 1989.

Electron Beam Modifiers for Intraoperative Radiation Therapy (IORT) Cones. Braun, S., Dean, R., Smalley, S., Gerner, L., Evans, R. International Journal of Radiation Oncology Biology Physics 17:181-182, 1989.

ABSTRACTS: *(Continued):*

The Use of Intraoperative Radiation Therapy in the Management of Patients with Non-metastatic High-grade Soft Tissue Sarcomas: A Preliminary Report. Neff, J., Gerner, L., Smalley, S. (Abstract) Presented at Annual Meeting of Musculoskeletal Tumor Society, St. Malo, France, Sep. 1989.

Patterns of Failure Following Curative Resection of Pancreatic Carcinoma. Griffin, J., Smalley, S., Jewell, W., Paradelo, J., Reymond, R., Hassanein, R., Evans, R. Cancer 66:56-61, 1990.

Modulation of the Radiosensitivity of Cultured Human Colon Carcinoma Cells by Treatment with 5-Fluorouracil. Smalley, S., Kimler, B., Evans, R. Third International Conference on the Interaction of Radiation Therapy and Systemic Chemotherapy. Asilomar, CA; 9-12 Mar. 1990 (Abstract).

Interaction of Intra-Operative Radiation Therapy and Cis-Platinum in an Intra-Abdominal Rat Tumor Model. (Abstract) Evans, R., Kimler, B., Estes, N., Gerner, L., Smalley, S., Price, D. Presented at 3rd International Conference on the Interaction of Radiation Therapy and Systemic Chemotherapy in Asilomar, CA; 9-12, Mar. 1990.

A Rat Intra-abdominal Tumor Model for Investigation of Intra-operative Radiation Therapy. Kimler, B., Evans, R., Smalley, S., Gerner, L., Peterson, S. (Abstract) International Journal of Radiation Oncology Biology Physics 19(1):158, 1990

A Comparison of Boost Techniques for Soft Tissue Sarcomas: Brachytherapy Versus Intraoperative Radiation Therapy (IORT). Gerner, L., Neff, J., Smalley, S., Reddy, E., Trowbridge, D., Huntrakoon, M., Evans, R. (Abstract) International Journal of Radiation Oncology Biology Physics 19(1):246, 1990.

Effect of 5-FU on Mammalian Cell Radiosensitivity. Smalley, S., Kimler, B., Evans, R., Dalziel, W. (Abstract) Presented at 9th Annual Meeting of the European Society for Therapeutic Radiology and Oncology; Montecatini, Italy, September, 1990.

Mammalian Cell Heterogeneity to Modulation of Radiosensitivity by 5-Fluorouracil. Smalley, S., Kimler, B., Evans, R., Dalziel, W. (Abstract) International Journal of Radiation Oncology Biology Physics 19(1):184, 1990.

Craniotomy for Solitary Brain Metastasis: Prognostic Variables, Role of Adjuvant Radiotherapy and Management in 229 Consecutive Patients. Smalley, S., Laws, E., O'Fallon, J., Shaw, E., Schray, M. (Abstract) Presented at 1st International Consensus Workshop on Radiation Therapy in the Treatment of Metastatic and Locally Advanced Cancer, Washington, D.C., October, 1990.



ABSTRACTS: *(Continued):*

Optimum Management of Advanced Squamous Cell Carcinomas of the Maxillary Sinus. Giri, S., Reddy, E., Gerner, L., Krishnan, L., Smalley, S., Evans, R. (Abstract) International Journal of Radiation Oncology Biology Physics 19(1):242, 1990.

The Use of IORT in the Treatment of Soft Tissue Sarcomas. Gerner, L., Neff, J., Smalley, S., Huntrakoon, M. (Abstract) Presented at Proceedings of the 3rd International IORT Meeting, Kyoto, Japan, 1990.

Ureteral Carcinoma - Patterns of Failure and Role of Radiotherapy. Cozad, S., Smalley, S., Austenfeld, M. (Abstract) Presented at 1991 American Radium Society meeting.

Conservative Therapy for Anal Carcinoma: An Analysis of Prognostic Factors. Nigh, S., Smalley, S., Elman, A., Paradelo, J., Kooser, J., Reddi, R., Evans, R. (Abstract) International Journal of Radiation Oncology Biology Physics 21:224, 1991.

Comprehensive MRI Staging of Spine Metastasis: Impact of RT Treatment Planning. Wetzell, L., Smalley, S., Harrison, L. (Abstract) Radiology 185(P):375, 1992.

Possible Mechanisms for the Enhancement of Radiation-Induced Cell Kill by 5-Fluorouracil in V-79 Cells. (Abstract) Kimler, B., Dalziel, W., Mitchell, D., Smalley, S., Evans, R. Cell Proliferation, 25:357-390, 1992.

5-Fluorouracil Enhances Radiation-Induced Killing of V-79 Cells by a Variety of Mechanisms. (Abstract) Smalley, S., Kimler, B., Dalziel, W., Mitchell, D., Evans, R. International Journal of Radiation Oncology, Biology, Physics, 24, Supplement 1:307-308, 1992.

Total Spine MR Imaging for Comprehensive Staging of Spinal Metastasis: Impact on Radiation Therapy Treatment Fields and Patient Care. (Abstract) Gast, K., Smalley, S., Wetzell, L., Robertson, E., Harrison, L. International Journal of Radiation Oncology, Biology, Physics, 27: 311,1993.

Concomitant External Beam Radiation (XRT) and 5-FU by Protracted venous Infusion (PVI) for Stage C (T3,4;N0;M0) Prostate Adenocarcinoma (PCa). Smalley, S., Noble, M., Stephens, R., Johnson, R., Austenfeld, M., Baeke-Hartong, J., Evans, R., Kimler, B. (Abstract) Submitted to 35th Annual Scientific Meeting of the ASTRO, New Orleans, LA, October, 1993.

Therapeutic Impact of Adjuvant Radiotherapy (XRT) Following Complete Resection of Biliary Tract Cancers. Goins, B., Smalley, S., Hoskins, B., Hassanein, R. (Abstract). . International Journal of Radiation Oncology, Biology, Physics 30:271, 1994.



ABSTRACTS: *(Continued):*

Outcomes of Patients with Biochemical (PSA) Failure Following Prostatectomy. Smith, R., Smith, S., Austenfeld, M., Noble, M., Reddy, E., Smalley, S. (Abstract) Submitted for publication 1993.

Is Radiation Therapy Beneficial After Orthopedic Stabilization of Impending or Pathologic Fracture Due to Metastatic Disease? (Abstract) Townsend, P., Smalley, S., Cozad, S., Rosenthal, H., Hassanein, R. International Journal of Radiation Oncology, Biology, Physics 27:159, 1993.

Is Radiation Therapy Beneficial After Orthopedic Stabilization of Impending or Pathologic Fracture Due to Metastatic Disease? Rosenthal, H., Townsend, P., Smalley, S., Cozad, S. (Abstract) Presented at the 61st Annual Meeting of the American Academy of Orthopaedic Surgeons, 1994.

Have Complication Rates Decreased Following Treatment for Localized Prostate Cancer? Thompson, I., Middleton, R., Optenberg, S., Austenfeld, M., Smalley, S., Cooner, W. et al. Submitted to American Urological Association 1997 Annual Meeting.

Protracted Venous Infusion (PVI) 5-FU and Radiation as Definitive Therapy for Stage C Prostate Cancer-A Southwest Oncology Group Phase II Study. Smalley S., Lew, D., Thompson, I., Sarosdy, M., Stephens, R., Noble, M., Kimler, B. Proceedings of the American Society of Clinical Oncology 16:343,1997.

Postoperative Combined Radiation and Chemotherapy Improves Disease-Free Survival (DFS) and Overall Survival (OS) in Resected Adenocarcinoma of the Stomach and G.E. Junction. Results of Intergroup Study INT-0116 (SWOG 9008). Macdonald, J., Smalley, S., Benedetti, J., Estes, N., Haller, D., Ajani, J., Gunderson, L., Jessup, M., Martenson, J. Proceedings of ASCO 19:1, 2000. Plenary Paper

Intergroup 0116 (SWOG 9008)-Phase III Trial of Postoperative Adjuvant Radiochemotherapy for High Risk Gastric and Gastroesophageal Junction Adenocarcinoma: Evaluation of Efficacy and Radiotherapy Treatment Planning.

Smalley, S., Benedetti, J., Gunderson, L., Martenson, J., Tepper, J., Kiel, K., Lichter, A., Forman, J., Macdonald, J. Proceedings of the American Society of Therapeutic Radiology and Oncology 48:111-112, 2000. Plenary Paper.

Postoperative Combined Radiation and Chemotherapy Improves Disease-Free Survival (DFS) and Overall Survival (OS) in Resected Adenocarcinoma of the Stomach and G.E. Junction. Results of Intergroup Study INT-0116 (SWOG 9008). Macdonald, J., Smalley, S., Benedetti, J., Hundahl, S., et al. European Journal of Cancer 37:34, 2001.



ABSTRACTS: *(Continued):*

Impact of TNM Stage on Survival and Disease Control in Adjuvant Rectal Cancer Pooled Analysis. Gunderson, L., Sargent, D., Tepper, J., O'Connell, M., Allmer, C., Smalley, S., Martenson, J., Haller, D., Mayer, R., Rich, T. Proceedings of the American Society of Therapeutic Radiology and Oncology 51: 8,9, 2001.

Impact of TN stage and treatment on survival and relapse in adjuvant rectal cancer pooled analysis. Gunderson, L., Sargent, D., Tepper, J., Wolmark, N., O'Connell, M., Begovic, M., Allmer, C., Colangelo, L., Smalley, S. Haller, D. Proceedings of the American Society of Clinical Oncology 22: 251, 2003.

Intergroup 0144 – phase III trial of 5-FU based chemotherapy regimens plus radiotherapy (xrt) in postoperative adjuvant rectal cancer. Bolus 5-FU vs prolonged venous infusion (pvi) before and after xrt + pvi vs bolus 5 FU+leucovorin (lv)+ levamisole (lev) before and after xrt+bolus 5-FU+lv. Smalley, S., Benedetti, J., Williamson, S., Robertson, J., Fisher, B., Martenson, J., Benson, A., Mayer, R., Cripps, C., Macdonald, J. Proceedings of the American Society of Clinical Oncology 22: 251, 2003.

Macdonald J. S., Smalley S., Benedetti J., Estes N, Haller D. G., Ajani J. A., Gunderson L. L., Jessup M., Martenson J. A. Postoperative combined radiation and chemotherapy improves disease-free survival (DFS) and overall survival (OS) in resected adenocarcinoma of the stomach and gastroesophageal junction: Update of the results of Intergroup Study INT-0116 (SWOG 9008). Proceedings of the American Society of Clinical Oncology Gastrointestinal Oncology Symposium, 1:6, 2004.

Intergroup 0144 A Phase III Rectal Surgical Adjuvant Study of Pelvic Radiation XRT Plus 5-FU Based Chemotherapy Bolus 5-FU Before and After PVI Before, During, and After XRT vs Biochemically Modulated Bolus 5-FU and XRT: Mature Outcome Results and Pelvic Failure Analysis. Smalley, S., Benedetti, J., Williamson, S., Robertson, J., Fisher, B., Martenson, J., Benson, A., Mayer, R., Cripps, C., Macdonald, J. Proceedings of American Society for Therapeutic Radiology and Oncology, accepted for oral presentation, October 2004.

MANUSCRIPTS:

Neurofibrosarcoma and the Sign of Leser-Trelat. Smalley, S. R., Rubin, J., and Leiferman, K. M. Ca - A Cancer Journal for Clinicians 34(5):295-298, September/October, 1984.

Fibrolamellar Hepatoma. Nagorney, D., Adson, M., Weiland, L., Knight, C., Jr., Smalley, S., Zinmeister, A. American Journal of Surgery 149:113-119, January, 1985.

Radiotherapy as Initial Treatment for Bulky Stage II Testicular Seminomas. Smalley, S., Evans, R., Richardson, R., Farrow, G., Earle, J. Journal of Clinical Oncology 10:1333-1338, October, 1985.



MANUSCRIPTS: *(Continued):*

Adjuvant Radiation Therapy after Surgical Resection of Solitary Brain Metastasis: Association with Pattern of Failure and Survival. Smalley, S., Schray, M., Laws, E., Jr., O'Fallon, J. International Journal of Radiation Oncology Biology Physics 13:1611-1616, 1987.

Hepatomas Arising in Non-Cirrhotic Livers. Smalley, S., Moertel, C. G., Hilton, J. Weiland, L., Wieand, H., Adson, M., Melton, J. Cancer 62:1414-1424, 1988.

Clinicopathological Assessment of Failure Patterns Following Resections of Hepatocellular Carcinomas. Smalley, S., Gunderson, L., Schray, M., Adson, M., Weiland, L., Moertel, C. Submitted for publication.

Polymorphic Reticulosis Limited to the Upper Aerodigestive Tract - Natural History and Radiotherapeutic Considerations. Smalley, S., Cupps, R., Anderson, J., Ilstrup, D., McDonald, T., Weiland, L., Deremee, R. International Journal of Radiation Oncology Biology Physics 15:599-605, 1988.

Carcinoma of the Prostate: Results of External Beam Radiation Therapy. Reddy, E., Krishnan, L., Giri, S., Smalley, S., Gerner, L., Evans, R. Submitted for publication.

Modern Radiotherapy Results with Bulky Stage II and III Seminoma. Smalley, S., Earle, J., Evans, R., Richardson, R. Journal of Urology 144(3):685-689, 1990.

Patterns of Failure Following Curative Resection of Pancreatic Carcinoma. Griffin, J., Smalley, S., Jewell, W., Paradelo, J., Raymond, R., Hassanein, R., Evans, R. Cancer 66:56-61, 1990.

Radiotherapeutic Considerations in the Treatment of Hemangioblastomas of the Central Nervous System. Smalley, S., Schomberg, P., Earle, J., Laws, E., Scheithauer, B., O'Fallon, J. International Journal of Radiation Oncology Biology Physics 18(5):1165-1171, 1990.

Dosimetric Analysis in Brachytherapy of Carcinoma of the Cervix. Krishnan, L., Cytacki, E., Wolf, C., Reddy, E., Gerner, L., Giri, P., Smalley, S., Evans, R. International Journal Radiation Oncology Biology Physics 18:965-970, 1990.

The Use of Intraoperative Radiation Therapy in the Management of Patients with Non- metastatic High-grade Soft Tissue Sarcomas: A Preliminary Report. Neff, R., Gerner, L., Smalley, S. Chirurgia Organi Mov. 75:140-143, 1990.

5-Fluorouracil Modulation of Radiosensitivity in Cultured Human Carcinoma Cells. Smalley, S., Kimler, B., Evans, R. International Journal Radiation Oncology Biology Physics 20:207-211, 1991.



MANUSCRIPTS: *(Continued):*

Management of Advanced Squamous Cell Carcinomas of the Maxillary Sinus. Giri, S., Reddy, E., Gemer, L., Krishnan, L., Smalley, S., Evans, R. *Cancer* 69:657-661, 1992.

Heterogeneity of 5-Fluorouracil Radiosensitivity Modulation in Cultured Mammalian Cell Lines. Smalley, S., Kimler, B., Evans, R., Dalziel, W. *International Journal of Radiation Oncology, Biology, Physics*, 24:519-525, 1992.

Adjuvant Radiotherapy in High Stage Transitional Cell Carcinoma of the Renal Pelvis and Ureter. Cozad, S., Smalley, S. *International Journal of Radiation Oncology, Biology, Physics*, 24:743-745, 1992.

Resection for Solitary Brain Metastasis: Role of Adjuvant Radiation and Prognostic Variables in 229 Patients. Smalley, S., Laws, E., O'Fallon, J., Shaw, E., Schray, M. *Journal of Neurosurgery*, 77:531-540, 1992.

The Role of Whole Abdominal Irradiation in Advanced Stage Colon Cancer. Giri, P.G.S., Fabian, C., Estes, N., Smalley, S., Reddy, E. *Seminars in Radiation Oncology* 3:68-73, 1993.

A Rat Intra-abdominal Tumor Model for Investigation of Intra-operative Radiation Therapy. I. Effect of Radiation Therapy and II. Combination with Cis-Platinum. Kimler, B., Evans, R., Peterson, S., Smalley, S., Gemer, L. Submitted for publication to *Radiation Oncology Investigations*, 1993.

Impact of Postoperative Radiation Therapy and Other Perioperative Factors on Outcome After Stabilization of Impending or Pathologic Fractures Due to Metastatic Disease. Townsend, P., Rosenthal, H., Smalley, S., Cozad, S., Hassanein, R. *Journal of Clinical Oncology*, 12:2345-2350, 1994.

The Role of Protracted 5-FU Infusion Plus Radiotherapy in Rectal Cancer. Smalley, S., Williamson, S. (Review article) *Journal of Infusional Chemotherapy*, 4:116-119, 1994.

Radiotherapy Alone in Esophageal Carcinoma - Current Management and Future Directions of Adjuvant, Curative and Palliative Approaches. Smalley, S., Gunderson, L., Reddy, E., Williamson, S. *Seminars in Oncology*, 21:467-473, 1994.

Radiation Therapy Quality Control in a Clinical Trial of Adjuvant Postoperative Treatment for Rectal Cancer. Martenson, J., Urias, R., Smalley, S., Coia, L., Tepper, J., Rotman, M., Rich, T., O'Connell, M., *International Journal of Radiation Oncology, Biology, Physics*, 32:51-55, 1995.

Prostate Cancer Clinical Guidelines Panel Summary Report on the Management of Clinically Localized Prostate Cancer. Middleton, R., Thompson, I., Austenfeld, M., Cooner, W., Correa, R., Gibbons, R., Miller,

MANUSCRIPTS: *(Continued):*

H., Oesterling, J., Resnick, M., Smalley, S., Wasson, J. *Journal of Urology*, 154: 2144-2148,1995.

Role of Postoperative Radiation Therapy After Stabilization of Fractures Caused By Metastatic Disease. Townsend, P., Smalley, S., Cozad, S., Rosenthal, H., Hassanein, R., *International Journal of Radiation Oncology Biology Physics* 31:43-49, 1995.

Transitional Cell Carcinoma of the Renal Pelvis or Ureter: Patterns of Failure. Cozad, S. Smalley, S., Austenfeld, M., Noble, M., Jennings, S., Raymond, R. *Urology*, 46:796-800, 1995.

Have Complication Rates Decreased Following Treatment for Localized Prostate Cancer? Thompson, I., Middleton, R., Optenberg, S., Austenfeld, M., Smalley, S., Cooner, W.. et al. *J Urol* 162:107-112, 1999.

Gliomatosis cerebri. Results with radiation therapy. Cozad, S., Townsend, P., Morantz, R., Jenny, A., Kepes, J., Smalley, S. *Cancer* 78:1789-1793, 1996.

Combined Modality Chemo-Radiation Therapy Improved Survival in Patients with Resected Adenocarcinoma of the Stomach and Gastroesophageal Junction. Macdonald, J., Smalley, S., Benedetti, J., et al. *New England Journal of Medicine*, 345:725-730, 2001.

Gastric Surgical Adjuvant Radiotherapy Consensus Report – Rationale and Treatment Implementation. Smalley, S., Gunderson, L., Tepper, J., et al. *International Journal of Radiation Oncology Biology Physics* 52: 283-293,2002.

Impact of T and N Substage on Survival and Disease Relapse in Adjuvant Rectal Cancer: a Pooled Analysis. Gunderson, L., Sargent, D., Tepper, J., O'Connell, M., Allmer, C., Smalley, S., Martenson, J., Haller, D., Mayer, R., Rich, T., Ajani, J., Macdonald, J., Goldberg, R. *International Journal of Radiation Oncology Biology Physics* 54:386-396, 2002.

Report from the Radiation Oncology Committee of the Southwest Oncology Group (SWOG): Research Objectives Workshop 2003. Okunieff, P., Meyn, R., Teicher, B., Thomas, C., Gaspar, L., Raben, D., Giri, S., Lavey, R., Turrisi, A., Swanson, G., Smalley, S. submitted to the *American Journal Clinical Oncology*, 2003.

Impact of T and N Stage and Treatment on Survival and Relapse in Adjuvant Rectal Cancer: a Pooled Analysis. Gunderson, L., Sargent, D., Tepper, J., Wolmark, N., O'Connell, M., Befovic, M., Allmer, C., Colangelo, L., Smalley, S., Haller, D., Martenson, J., Mayer, R., Rich, T., Ajani, J., Macdonald, J., Willett, C., Goldberg, R., *J Clin Oncology* 22:1785-1796,2004.



MANUSCRIPTS: *(Continued):*

Report from the Radiation Oncology Committee of the Southwest Oncology Group (SWOG): Research Objectives Workshop 2003. Okunieff P, Meyn R, Teicher B, Thomas C, Gaspar L, Raben I, Giri S, Lavey R, Turrisi A, Swanson G, Smalley S. Am J Clin Oncology 26:522-529, 2003.

GI Intergroup 0144 – Phase III trial of 5-FU based chemotherapy regimens plus radiotherapy in postoperative adjuvant rectal cancer. Smalley, S., Benedetti, J., Williamson, S., Robertson, J., Estes, N., Maher, T., Fisher, B., Rich, T., Martenson, J., Kugler, J., Benson, A., Haller, D., Mayer, R., Atkins, J., Cripps, C., Pedersen, J., Periman, P., Tanaka, M., Leichman, C., Macdonald, J. J Clin Oncol 24:3642-3647, 2006.

Locally advanced prostate cancer treated with concomitant radiation and 5-fluorouracil: Southwest Oncology Group Study 9024. Swanson GP, Faulkner J, Smalley SR, Noble MJ, Stephens RL, O'Rourke TJ, Weiss GR, Quick DP, Thompson IM Jr, Crawford ED. J Urol. 176:548-53, 2006.

EDITORIAL COMMENTARIES:

The Effect of Dose on Local Control of Prostate Cancer. Smalley, S. International Journal of Radiation Oncology Biology Physics 17(3):697, 1989.

Editorial Comment: Assessment of the Current Role of RadioActive ImmunoDiagnosis (RAID) in Colorectal Cancer. In second issue of New Perspectives in Cancer Diagnosis and Management, 1993.

The Minsky Article Reviewed. Smalley, S. , Oncology, May, 1994.

CHAPTERS:

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CLINICAL RESEARCH PROTOCOLS:

I. Intramural Protocols

Principal Investigator HSC #4076-88: A pilot study of combined modality therapy in T3,4 Nx-0, M0 adenocarcinoma of the prostate.

Principal Investigator HSC #4578-89: Pilot study of whole abdominal radiation with concomitant continuous intraoperative radiation therapy for pancreatic cancer and other gastro-intestinal malignancies.

Principal Investigator HSC #5391-92: Rectal surgical adjuvant therapy with continuous infusion 5-fluorouracil and pelvic radiotherapy: A phase I/II study.

CLINICAL RESEARCH PROTOCOLS: *(Continued):*

II. Cooperative Group (Southwest Oncology Group) Protocols

Principal Investigator SWOG 9024: A pilot study of combined modality therapy in T3,4; N0;M0 adenocarcinoma of the prostate.

Co-Principal Investigator SWOG 8890: Phase III trial of radical prostatectomy versus radiation therapy for clinical Stage A2 and B adenocarcinoma of the prostate (N0, M0).

III. Intergroup Protocols

Principal Investigator INT 0144: Postoperative evaluation of 5-FU by bolus injection vs. 5-FU by prolonged venous infusion prior to and following combined prolonged venous infusion plus pelvic XRT vs. bolus 5-FU plus Leucovorin plus Levamisole prior to and following combined pelvic XRT plus bolus 5-Fu plus Leucovorin in patients with rectal cancer.

Co-Principal Investigator INT 0116: Trial of adjuvant chemoradiation after gastric resection for adenocarcinoma, Phase III.

SWOG Radiation Oncology Study Phase III protocol for surgical adjuvant Coordinator INT 86-47-51 therapy of rectal carcinoma: A controlled evaluation of A.) Protracted-infusion 5-FU as a radiation enhancer and B.) 5-FU plus Methyl-CCNU chemotherapy.

SWOG Study Coordinator, INT0114: Intergroup rectal adjuvant protocol, a Phase III study.