CURRICULUM VITAE

| Name: | Christine Ann Cartwright |
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| Birthplace: | Salt Lake City, Utah |
| Education: | |
| 1969-73 | Stanford University BS Biology |
| 1974-78 | University of Utah MD Medicine |
| Post-doctoral | Training: |
| 1978-81 | Internal Medicine Intern and Resident, University of California, San Diego |
| 1982 | Chief Medical Resident, University of Utah |
| 1982-84 | Gastroenterology Fellow, University of California, San Diego |
| 1984-89 | Research Associate, Molecular Biology and Virology Laboratory, The Salk Institute |
| Board Certific | cation: |
| 1981 | Diplomate, American Board of Internal Medicine |
| 1987 | Diplomate, American Subspecialty Board of Gastroenterology |
| Faculty Appo | pintments: |
| 1984-87 | Instructor in Medicine (Clinical), University of California, San Diego |
| 1987-89 | Assistant Professor of Medicine (Clinical), University of California, San Diego |
| 1989-95 | Assistant Professor of Medicine/Gastroenterology, Stanford University |
| 1995-05 | Associate Professor of Medicine/Gastroenterology (with tenure), Stanford University |
| 2005- | Professor of Medicine/Gastroenterology, Stanford University |
| 1989-07 | Director, Center for Inflammatory Bowel Diseases, Stanford University |
| 1994- | Cancer Biology Faculty, Stanford University |
| Research Aw | ards: |
| 1983-84 | Interdisciplinary Research Training Award, American Gastroenterological Association |
| 1984-85 | Giannini Foundation Medical Research Fellow, The Salk Institute |
| 1989-91 | Merck Faculty Development Award, Stanford University |
| 1989-91 | Hume Faculty Scholar, Stanford University |
| 1989-91 | Named Investigator Award, Digestive Disease Center Grant |
| | NIH, NIDDK, DK38707, Stanford University |
| 1989, 93 | Katharine McCormick Fund for Women, Stanford University |
| 1992 | AGA/SmithKline Beecham Clinical Research Award |
| 1989, 94 | Pilot/Feasibility Awards, Digestive Disease Center Grant |
| | NIH, NIDDK, DK38707, Stanford University |
| Major Resear | ch Grants: (principal investigator: CA Cartwright) |
| 1985-88 | NIH, NCI, K08 CA01040, Clinical Investigator Award |
| 1989-91 | American Cancer Society, Research Grant # CD-400 |
| 1991-96 | NIH, R29 - DK43743 |
| 1994-96 | Crohn's and Colitis Foundation of America, Cancer Research Grant |
| 1996-99 | American Cancer Society, Research Grant # BE-246 |
| 2003-06 | Broad Medical Research Foundation, IBD-0068: "Ulcerative Colitis: Molecular Mechanism of Carcinogenesis" |
| 2003-09 | NIH, R01 - CA97020: "Human Colon Cancer: Role of the Src Tyrosine Kinase" |
| 1996-16 | NIH, R01 - DK43743: "Intestinal Cell Growth Control: Role of Tyrosine Kinases" |
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Study Sections:

| 1995-99 | Member, ACS Tumor Biochemistry & Endocrinology Study Section |
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| 1998 | Ad Hoc, NIH General Medicine A-2 Study Section |
| 2007-09 | Member, NIH Gastrointestinal Cell and Molecular Biology Study Section |

Editorial Boards:

| 1997-00 | American Journal of Physiology: Gastrointestinal and Liver Physiology |
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| 1994-06 | Inflammatory Bowel Diseases |

Election into Professional Societies:

| 1993 - | Member, Western Society for Clinical Investigation |
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| 1995 - | Member, American Society for Clinical Investigation |
| 1996 - | Member, Western Association of Physicians |
| 2006 - | Fellow, American College of Gastroenterology |

Awards:

| 2000 | Premier Physician Award - 2000 |
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| | Crohn's & Colitis Foundation of America |
| | Greater Bay Area Chapter |

| 2008 | Outstanding AGA Women in Science – 2008 |
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| | American Gastroenterological Association |

Faculty Teaching Award:

| 2003 | GI/Medicine Faculty Teaching Award |
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| 2009 | GI/Medicine Faculty Teaching Award (voted by the GI Fellows) |
| 2009 | GI/Medicine Faculty Teaching Award (voted by the GI Faculty) |

Visiting Professorships:

| 11/22-11/24/93 | University of North Carolina at Chapel Hill Department of Medicine, Division of Digestive Diseases and Nutrition |
|----------------|---|
| 11/10-11/12/94 | University of Colorado Health Sciences Center, and Crohn's and Colitis Foundation of America, Denver, Colorado |
| 1/10-1/13/95 | University of Pittsburgh, Pittsburgh, Pennsylvania Departments of Biology and Medicine |
| 2/24-2/26/97 | University of Illinois at Chicago, Chicago, Illinois Departments of Genetics and Medicine |
| 11/13-11/15/01 | University of Utah, Salt Lake City, Utah Department of Medicine Divisions of Hematology/Oncology and Gastroenterology |

| Chairperson at National Scientific Meetings: | | |
|--|---|--|
| 5/21/96 | Co-Chairperson, American Gastroenterological Association Research Forum Gastrointestinal Oncology: "Molecular and Cellular Biology of Colonic Neoplasia" | |
| 5/12/97 | Co-Chairperson, American Gastroenterological Association Research Forum Gastrointestinal Oncology: "Molecular Biology of Gastrointestinal Cancer" | |
| 5/21/00 | Co-Chairperson/Organizer, American Gastroenterological Association / Gastroenterology Research Group Symposium on "Colon Carcinogenesis" | |
| 5/22/02 | Co-Chairperson, American Gastroenterological Association Research Forum Gastrointestinal Oncology: "Inflammatory Bowel Diseases and Neoplasia" | |
| 5/16/04 | Co-Chairperson/Organizer, American Gastroenterological Association / GI Oncology / Gastroenterology Research Group Symposium on "Stem Cells – Biology and Cancer" | |
| 5/15/05 | Co-Chairperson for the AGA/GI Oncology State of the Art Lecture: "Ras Signaling and Therapeutics", Dr Frank McCormick. 106 th Annual Meeting of the American Gastroenterological Association, May15, 2005, Chicago, Ill. | |
| Chairperson a 5/9/92 | and Organizer of Regional Clinical Meetings: Chairperson/Organizer/Speaker, "Inflammatory Bowel Diseases: An Update" An Educational Symposium for Physicians, Stanford University | |
| 4/9/94 | Chairperson/Organizer/Speaker, "A Bridge to Understanding Inflammatory Bowel Diseases" An Educational Symposium for Physicians, Crohn's & Colitis Foundation of America, Greater Bay Area Chapter | |
| 4/22/95 | Chairperson/Organizer/Panelist," Inflammatory Bowel Diseases: Update and Clinical Challenges" An Educational Symposium for Physicians, Crohn's & Colitis Foundation of America, Greater Bay Area Chapter, San Francisco, California | |
| 4/20/96 | Chairperson/Organizer, "Inflammatory Bowel Diseases: Update and Clinical Challenges" An Educational Symposium for Physicians, Crohn's & Colitis Foundation of America, Greater Bay Area Chapter | |
| 10/4/97 | Chairperson/Speaker, Inflammatory Bowel Diseases Section, Northern California Gastroenterology Conference, Monterey, California | |
| 10/2/99 | Chairperson/Speaker, Inflammatory Bowel Diseases Section, Northern California Gastroenterology Conference, Monterey, California | |
| National Scie 1994-97 | ntific Committees: National Scientific Advisory Committee, Clinical Affairs/Professional Education Crohn's and Colitis Foundation of America | |
| 1995 | GI Oncology Abstract Selection Committee, American Gastroenterological Association | |
| 1996 | GI Oncology Abstract Selection Committee, American Gastroenterological Association | |

| 1997 | Chairperson, GI Oncology Abstract Selection Committee, AGA |
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| 1998-03 | Steering Committee, Gastroenterology Research Group, AGA |
| 2001 | GI Oncology Abstract Selection Committee, American Gastroenterological Association |
| 2005-13 | GI Oncology Abstract Selection Committee, American Gastroenterological Association |
| Regional Clin | nical Committees: |
| 1991-97 | Co-Director, Medical Advisory Committee, Crohn's & Colitis Foundation of America, Greater Bay Area Chapter |
| 1991-99 | Board of Trustees/ Executive Committee, Crohn's & Colitis Foundation of America, Greater Bay Area Chapter |
| 1999-01 | Medical Advisory Board, Crohn's & Colitis Foundation, Greater Bay Area Chapter |
| Invited Speak | ter (research forum): Intestinal Cell Growth Control: Role of Src Tyrosine Kinases |
| 3/12/90 | Cell Biology, Aging & Molecular Medicine, University of California, San Francisco |
| 3/16/90 | Institute of Cancer and Developmental Biology, Syntex Research Laboratories |
| 10/23/90 | Research Institute, Palo Alto Medical Foundation, Palo Alto, California |
| 5/9/91 | Medical Grand Rounds, Stanford University School of Medicine |
| 11/20/91 | Gastroenterology Grand Rounds, University of California, San Francisco |
| 11/6/93 | Thirty-seventh Annual Clinical Conference and Twenty-sixth Annual |
| | Special Pathology Program: Advances in the Biology and Therapy of |
| | Colorectal Cancer, The University of Texas MD Anderson Cancer Center |
| 11/23/93 | The University of North Carolina at Chapel Hill, Chapel Hill, North Carolina |
| 10/30/94 | National Meeting of the Crohn's & Colitis Foundation of America, Chicago, Illinois |
| 11/11/94 | University of Colorado Health Sciences Center, Denver, Colorado |
| 1/11/95 | Department of Biological Sciences, University of Pittsburgh, Pittsburgh Pennsylvania |
| 2/8/95 | Plenary Session, Western Association of Physicians, Carmel, California |
| 9/29/95 | National Meeting of the Crohn's & Colitis Foundation of America, Chicago, Illinois |
| 10/26/95 | SUGEN, Redwood City, California |
| 6/6/96 | Medical Grand Rounds, Stanford University School of Medicine |
| 1/15/97 | Gastroenterology Grand Rounds, University of California, San Francisco |
| 2/18/97 | Research Institute, Palo Alto Medical Foundation, Palo Alto, California |
| 2/26/97 | University of Illinois at Chicago, Chicago, Illinois |
| 5/13/97 | AGA Research Symposium: Cell and Molecular Biology of Gastrointestinal Cancers: |
| | Growth Factors, Tyrosine Kinases and Signal Transduction, Washington DC |
| 8/4/97 | FASEB Research Conference on Epithelial Cell Signal Transduction, Copper Mtn, Colorado |
| 5/19/99 | AGA Research Symposium: Compartmentalization: Kinases, Phosphatases and their |
| | Anchoring Proteins, Orlando, Florida |
| 11/14/01 | University of Utah School of Medicine, Salt Lake City, Utah |
| 9/25/02 | Medical Grand Rounds, University of California, San Diego |
| 3/31/03 | Gastroenterology Grand Rounds, Columbia University, New York |
| 4/01/03 | Gastroenterology Grand Rounds, Cornell University, New York |
| 9/17/03 | Gastroenterology Grand Rounds, Memorial Sloan Kettering Cancer Center, New York |
| 9/18/03 | Gastroenterology Grand Rounds, Montefiore Medical Center, New York |
| 10/14/03 | University of Arizona Cancer Center, Tucson, Arizona |

| 2/5/04 | Broad Medical Research Foundation 2 nd Annual Investigator Meeting, Los Angeles CA |
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| 2/24/05 | Broad Medical Research Foundation 3 rd Annual Investigator Meeting, Los Angeles CA |
| 3/4/06 | University of California San Francisco/Stanford Annual GI Research Symposium |
| 3/30/06 | University of Texas Southwestern Medical School, Dallas, Texas |
| 5/20/08 | AGA/GI Oncology Research Symposium: Protein Kinases and GI Cancers, San Diego CA |
| Invited Speak | xer (clinical forum): Colon Cancer, Inflammatory Bowel Diseases |
| 8/2/91 | Medical Grand Rounds, Santa Clara Valley Medical Center |
| 9/12/91 | Gastroenterology Grand Rounds, California Pacific Medical Center |
| 5/9/92 | Symposium on Inflammatory Bowel Disease: An Update, Stanford University |
| 1/30/93 | Frontiers in Wyoming Medicine, Wyoming Medical Center, Jackson, Wyoming |
| 10/5/93 | Visiting Professorship Lecture, Kaiser Foundation, Santa Clara, California |
| 11/24/93 | The University of North Carolina at Chapel Hill, Chapel Hill, North Carolina |
| 12/4/93 | The Cypress Foundation, Monterey, California |
| 3/22/94 | Medical Grand Rounds, Good Samaritan Hospital, San Jose, California |
| 4/9/94 | Crohn's and Colitis Foundation of America, Greater Bay Area Chapter |
| 11/12/94 | Crohn's and Colitis Foundation of America, Rocky Mountain Chapter, Denver, Colorado |
| 12/3/94 | Surgical Grand Rounds, Stanford University, Stanford California |
| 1/12/95 | University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania |
| 1/24/95 | Medical Grand Rounds, Sequoia Hospital, Redwood City, California |
| 11/16/95 | Grand Rounds, San Jose Medical Center, San Jose, California |
| 3/2/96 | Medical/Surgical Aspects of Gastrointestinal Disease, Sutter Roseville Medical Center |
| 8/13/96 | Rideout Memorial Hospital, Marysville, California |
| 8/16/96 | Northwest Society of Colon and Rectal Surgeons, Whistler, British Columbia |
| 11/5/96 | Citrus Valley Medical Center, Covina, California |
| 11/19/96 | Washoe Medical Center, Reno, Nevada |
| 2/25/97 | University of Illinois at Chicago, Chicago, Illinois |
| 3/11/97 | Pomona Valley Hospital Medical Center, Pomona, California |
| 8/22/97 | Northwest Society of Colon and Rectal Surgeons, Sun Valley, Idaho |
| 10/4/97 | Chairperson/Speaker, Northern California GI Conference, Monterey, California |
| 3/28/98 | Anemia in Inflammatory Bowel Diseases, St. Petersburg, Florida |
| 9/22/98 | Medical Grand Rounds, Sequoia Hospital, Redwood City, California |
| 2/18/99 | Medical Grand Rounds, Stanford University |
| 10/2/99 | Northern California GI Conference, Monterey, California |
| 11/15/01 | Medical Grand Rounds, University of Utah, Salt Lake City, Utah |
| 3/8/03 | Advances in Gastroenterology for the Primary Care Physician, Stanford |
| 6/19/03 | Medical Grand Rounds, Stanford University |
| 9/17/03 | New York Society for Gastrointestinal Endoscopy, Memorial Sloan Kettering |
| 4/16/05 | Digestive Diseases in the 21st Century, San Francisco, California |
| 9/26/05 | Veterans Administration Medical Center, Reno, Nevada |
| 3/29/06 | Dallas/Fort Worth Mid-Cities GI Journal Club, Dallas, Texas |
| 3/31/06 | Dallas/Fort Worth GI Clinical Conferences, Dallas/Fort Worth, Texas |
| 11/11/06 | CCFA Northern California Chapter, San Francisco, California |

Graduate Teaching:

3/10/12

1989-present Attending Physician, Inpatient GI Consultation Service, two months/year (teaching Medical Students, Medicine Residents and GI Fellows)

CCFA Northern California Chapter, Palo Alto, California

| 1989-present | GI Board Review Course/GI Core Curriculum Course for GI Fellows |
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| 1989-present | Department of Medicine Core Curriculum Course for Medicine Residents |
| 1994-2005 | CBio 242: "Molecular and Cellular Biology of Cancer"; Core Curriculum Course in Cancer Biology for PhD Graduate Students |
| 2001 | Co-Director, CBio 242: "Molecular and Cellular Biology of Cancer"; Core Curriculum Course in Cancer Biology for PhD Graduate Students |
| 2002-present | Gastroenterology and Hepatology Core Cirriculum Course for GI Fellows |
| 2002-2008 | Director, Inflammatory Bowel Disease Course (combined GI and Colorectal Surgery); quarterly (teaching Medical Students, Medicine and Surgery Residents and GI Fellows) |
| 3/8/03 | Advances in Gastroenterology for the Primary Care Physician |
| 4/21/04 | MED217: "Medico-Technological Frontiers of Digestive Diseases" for medical, graduate and undergraduate students |
| 12/1/04 | Organizer of the Inaugural Stanford IBD Lectureship/Professorship: Dr. David Sachar, Mount Sinai, New York Moderator for the Core Curriculum Course: "Challenging IBD Cases" |
| 12/6/05 | Organizer for the 2 nd Annual Stanford IBD Lectureship/Professorship: Dr. William Tremaine, Mayo Clinic, Rochester, Minnesota Moderator for the Core Curriculum Course: "Challenging IBD Cases" |

Publications:

- 1. Schulz R, **CA Cartwright** and A Goldstein. Reversibility of morphine tolerance and dependence in guinea pig brain and myenteric plexus. *Nature* 251:329-331, 1974.
- 2. Schulz R and **CA Cartwright**. Effect of morphine on serotonin release from myenteric plexus of the guinea pig. *J Pharmacol Exp Ther* 190:420-430, 1974.
- 3. Tolle SW, CA Cartwright and JG Parthmore. Innominate vein obstruction caused by intrathoracic goiter. *West J Med* 135:235-238, 1981.
- 4. Gertler S, J Pressman, **CA Cartwright** and K Dharmsathaphorn. Management of acute diarrhea. *J Clin Gastroenterol* 5:423-534, 1983.
- 5. Lyon J, JJ Bookstein, **CA Cartwright**, A Romano and DJ Heeney. Peliosis hepatis: diagnosis by magnification wedged hepatic venography. *Radiology* 150:647-649, 1984.
- 6. **Cartwright CA**, JA McRoberts, KG Mandel, H Masui, K Dharmsathaphorn. Electrolyte transport in a human colonic cell line: regulation by cAMP and calcium. *Kroc Found Ser* 17:65-75, 1984.

- 7. Cartwright CA, JA McRoberts, KG Mandel and K Dharmsathaphorn. Synergistic action of cyclic adenosine monophosphate- and calcium-mediated chloride secretion in a colonic epithelial cell line. *J Clin Invest* 76:1837-1842, 1985.
- 8. Dharmsathaphorn K, P Huott, **CA Cartwright**, JA McRoberts, KG Mandel and G Beuerlein. Inhibition of ATP levels by quinidine in a human colonic epithelial cell line. *Am J Physiol* 250:G806-G813, 1986.
- 9. **Cartwright CA**, MA Hutchinson and W Eckhart. Structural and functional modification of pp60^{c-src} associated with polyoma middle tumor antigen from infected or transformed cells. *Mol Cell Biol* 5:2647-2652, 1985.
- 10. Cooper JA, KL Gould, **CA Cartwright** and T Hunter. Tyr⁵²⁷ is phosphorylated in pp60^{c-src}: implications for regulation. *Science* 231:1431-1434, 1986.
- 11. **Cartwright CA**, PL Kaplan, JA Cooper, T Hunter and W Eckhart. Altered sites of tyrosine phosphorylation in pp60^{c-src} associated with polyomavirus middle tumor antigen. *Mol Cell Biol* 6:1562-1570, 1986.
- 12. Kaplan PL, S Simon, **CA Cartwright** and W Eckhart. cDNA cloning with a retrovirus expression vector: generation of a c-src cDNA clone. *J Virol* 61:1731-1734, 1987.
- 13. **Cartwright CA**, W Eckhart, S Simon and PL Kaplan. Cell transformation by pp60^{c-src} mutated in the carboxy-terminal regulatory domain. *Cell* 49:83-91, 1987.
- 14. **Cartwright CA**, R Simantov, PL Kaplan, T Hunter and W Eckhart. Alterations in pp60^{c-src} accompany differentiation of neurons from rat embryo striatum. *Mol Cell Biol* 7:1830-40, 1987.
- 15. **Cartwright CA**, R Simantov, WM Cowan, T Hunter, and W Eckhart. pp60 ^{c-src} expression in the developing rat brain. *Proc Natl Acad Sci USA* 85:3348-3352, 1988.
- 16. Tack LC, **CA Cartwright**, JH Wright, W Eckhart, KW Peden, A Srinivasan and JM Pipas. Properties of a simian virus 40 mutant T antigen substituted in the hydrophobic region: defective ATPase and oligomerization activities and altered phosphorylation accompany an inability to complex with cellular p53. *J Virol* 63:3362-3367, 1989.
- 17. **Cartwright CA**, MP Kamps, AI Meisler, JM Pipas and W Eckhart. pp60^{c-src} activation in human colon carcinoma. *J Clin Invest* 83:2025-2033, 1989.
- 18. Peden KW, SL Spence, LC Tack, **CA Cartwright**, A Srinivasan and JM Pipas. A DNA replication-positive mutant of simian virus 40 that is defective for transformation and the production of infectious virions. *J Virol* 64:2912-2921, 1990.
- 19. Bjelfman C, G Meyerson, **CA Cartwright**, K Mellstrom, U Hammerling and S Pahlman. Early activation of endogenous pp60^{c-src} kinase activity during neuronal differentiation of cultured human neuroblastoma cells. *Mol Cell Biol* 10:361-370, 1990.

- 20. Wu JY, Z-Y Zhou, A Judd, **CA Cartwright** and WS Robinson. The hepatitis B virus-encoded transcriptional *trans*-activator hbx appears to be a novel protein serine/threonine kinase. *Cell* 63:687-695, 1990.
- 21. Cartwright CA, AI Meisler and W Eckhart. Activation of the pp60^{c-src} protein kinase is an early event in colonic carcinogenesis. *Proc Natl Acad Sci USA* 87:558-562, 1990.
- 22. Cartwright CA, S Mamajiwalla, SA Skolnick, W Eckhart and DR Burgess. Intestinal crypt cells contain higher levels of cytoskeletal-associated pp60^{c-src} protein tyrosine kinase activity than do differentiated enterocytes. *Oncogene* 8:1033-1039, 1993.
- 23. Park J, AI Meisler and **CA Cartwright**. c-Yes tyrosine kinase activity in human colon carcinoma. *Oncogene* 8:2627-2635, 1993.
- 24. **Cartwright CA**, CA Coad and BM Egbert. Elevated c-Src tyrosine kinase activity in premalignant epithelia of ulcerative colitis. *J Clin Invest* 93:509-515, 1994.
- 25. Rustgi AK and **CA Cartwright**. c-Src tyrosine kinase activity: a marker of dysplasia in ulcerative colitis. *Gastroenterology* 107:1565-1566, 1994.
- 26. Peña SV, MF Melhem, AI Meisler and **CA Cartwright**. Elevated c-Yes tyrosine kinase activity in premalignant lesions of the colon. *Gastroenterology* 108:117-124, 1995.
- 27. Park J and **CA Cartwright**. Src activity increases and Yes activity decreases during mitosis of human colon carcinoma cells. *Mol Cell Biol* 15:2374-2382, 1995.
- 28. Peng Z-Y and **CA Cartwright**. Regulation of the Src tyrosine kinase and Syp tyrosine phosphatase by their cellular association. *Oncogene* 11:1955-1962, 1995.
- 29. Kumble S, MB Omary, **CA Cartwright** and G Triadafilopoulos. Src activation in malignant and premalignant epithelia of Barrett's esophagus. *Gastroenterology* 112:348-356, 1997.
- 30. Cartwright CA. Intestinal cell growth control: Role of Src tyrosine kinases. *Gastroenterology* 114:1335-1338, 1998.
- 31. Chang BY, KB Conroy, E Machleder and **CA Cartwright**. RACK1, a receptor for activated C kinase and a homolog of the β subunit of G proteins, inhibits activity of Src tyrosine kinases and growth of NIH 3T3 cells. *Mol Cell Biol* 18:3245-3256, 1998.
- 32. Walter AO, Peng Z-Y and **CA Cartwright**. The Shp-2 tyrosine phosphatase activates the Src tyrosine kinase by a non-enzymatic mechanism. *Oncogene* 18:1911-1920, 1999.
- 33. Chang BY, M Chiang and **CA Cartwright**. The interaction of Src and RACK1 is enhanced by PKC activation and tyrosine phosphorylation of RACK1. *J Biol Chem* 276:20346-20356, 2001.
- 34. Chang BY, R Harte and **CA Cartwright**. RACK1: A novel substrate for the Src protein-tyrosine kinase. *Oncogene* 21:7619-7629, 2002.

- 35. Chang BY and **CA Cartwright**. Detection of protein kinase binding partners by the yeast two-hybrid analysis. *Methods in Molecular Biology* 233:327-343, 2003.
- 36. Kambham N, R Vij, **CA Cartwright** and T Longacre. Cytomegalovirus infection in steroid-refractory ulcerative colitis: a case-control study. *Am J Surg Pathol* 8:365-373, 2004.
- 37. Mamidipudi V, BY Chang, R Harte, KC Lee and **CA Cartwright**. RACK1 inhibits the serum- and anchorage-independent growth of v-Src transformed cells. *FEBS Letters* 567:321-326, 2004.
- 38. Miller LD, KC Lee, D Mochly-Rosen and **CA Cartwright**. RACK1 inhibits Src-mediated Sam68 and p190RhoGAP signaling. *Oncogene* 23:5682-5686, 2004.
- 39. Mamidipudi V, J Zhang, KC Lee and **CA Cartwright**. RACK1 regulates G₁/S progression by suppressing Src kinase activity. *Mol Cell Biol* 24:6788-6798, 2004.
- 40. Mamidipudi V, LD Miller, D Mochly-Rosen and **CA Cartwright**. Peptide modulators of Src activity in G₁ regulate entry into S phase and proliferation of NIH 3T3 cells. *Biochem Biophys Res Commun* 352:423-430, 2007.
- 41. Mamidipudi V, NK Dhillon, T Parman, LD Miller, KC Lee, and **CA Cartwright**. RACK1 inhibits colonic cell growth by regulating Src activity at cell cycle checkpoints. *Oncogene* 26:2914-2924, 2007.
- 42. Levesque B, R Pai and **CA Cartwright**. Crohn's colitis complicated by cytomegalovirus infection. *Dig Dis Sci* 54:1864-1867, 2009.
- 43. Mamidipudi V and **CA Cartwright**. A novel pro-apoptotic function of RACK1: suppression of Src activity in the intrinsic and Akt pathways. *Oncogene* 28:4421-4433, 2009.
- 44. Lee M, S Banerjee, MC Posner and **CA Cartwright**. Distal extrahepatic cholangiocarcinoma presenting as cholangitis. *Dig Dis Sci* 55:1852-1855, 2010.
- 45. Zhou Q, NT Snider, J Liao, DH Li, A Hong, N-O Ku, **CA Cartwright** and MB Omary. Characterization of in vivo keratin 19 phosphorylation on tyrosine-391. *PLoS One* 5(10): e13538, 2010.
- 46. Hwang EW, L Cheung, A Mojtahed and **CA Cartwright**. Relapse of intestinal and hepatic amebiasis after treatment. *Dig Dis Sci* 56:677-680, 2011.
- 47. Swaminathan G and **CA Cartwright**. Rack1 promotes epithelial cell-cell adhesion by regulating E-cadherin endocytosis. *Oncogene* 31:376-389, 2012.

Book Chapters:

48. Dharmsathaphorn K, KG Mandel, JA McRoberts, **CA Cartwright** and H Masui. Utilization of a human colonic tumor cell line as a model to study electrolyte transport in the intestine. *In* Intestinal Absorption and Secretion. E Skadhauge and K Heintze, eds. (MIT Press Ltd., Lancaster), pp. 325-333, 1984.

- 49. **Cartwright CA**, JA McRoberts, KG Mandel, H Masui and K Dharmsathaphorn. Electrolyte transport in a human colonic cell line: regulation by cAMP and calcium. *In* Mechanisms of Intestinal Electrolyte Transport and Regulation by Calcium. M Donowitz and GWG Sharp, eds. (Alan R Liss, Inc., New York), pp. 65-75, 1984.
- 50. Mandel KG, JA McRobert, **CA Cartwright** and K Dharmsathaphorn. Antisecretory properties: a means for developing antidiarrheal agents. *In* Intestinal Symposium on Diarrheal Syndromes and Functional Gastrointestinal Disorders: Lidamidine Hydrochloride, JJ Villalobos, ed. (Medical Edit, LTD), 1984.
- 51. Hunter T, **CA Cartwright**, JR Woodgett and KL Gould. Phosphorylation of pp60^{c-src}. *Molecular Mechanisms in Cellular Growth and Differentiation*. 25-43, 1991.
- 52. Pipas JM, K Pogue-Geile, GG Finley, **CA Cartwright** and AI Meisler. Gene structure and expression in colorectal cancer. In The Underlying Molecular, Cellular, and Immunological Factors in Cancer and Aging. SS Yang and HR Warner, eds. (Plenum Press, New York), pp. 67-75, 1993.
- 53. **Cartwright CA**. Ulcerative colitis. *In* PocketMedicine/Internal Medicine, BF Scharschmidt, ed. Gastroenterology/Hepatology/Nutrition Section, E Keeffe, ed. 1st ed. New York: PocketMedicine.com, 2002.
- 54. **Cartwright CA**. Crohn's disease. *In* PocketMedicine/Internal Medicine, BF Scharschmidt, ed. Gastroenterology/Hepatology/Nutrition Section, E Keeffe, ed. 1st ed. New York: PocketMedicine.com, 2002.
- 55. **Cartwright CA**. Ulcerative colitis. *In* PocketMedicine/Internal Medicine, BF Scharschmidt, ed. Gastroenterology/Hepatology/Nutrition Section, E Keeffe, ed. 2nd ed. New York: PocketMedicine.com, 2006.
- 56. **Cartwright CA**. Crohn's disease. *In* PocketMedicine/Internal Medicine, BF Scharschmidt, ed. Gastroenterology/Hepatology/Nutrition Section, E Keeffe, ed. 2nd ed. New York: PocketMedicine.com, 2006.
- 57. Shah S and **CA Cartwright**. Ulcerative colitis. *In* PocketMedicine/Internal Medicine, BF Scharschmidt, ed. Gastroenterology/Hepatology/Nutrition Section, E Keeffe, ed. 3rd ed. New York: PocketMedicine.com, 2010.
- 58. Shah S and **CA Cartwright**. Crohn's disease. *In* PocketMedicine/Internal Medicine, BF Scharschmidt, ed. Gastroenterology/Hepatology/Nutrition Section, E Keeffe, ed. 3rd ed. New York: PocketMedicine.com, 2010.