

Name: Ana Magdalena Grau, M.D., F.A.C.S.

Office Address: Division of Surgical Oncology
597 Preston Research Building
2220 Pierce Ave.
Nashville, TN 37232

Office Phone Number: (615) 322 2391
E-mail: ana.grau@vanderbilt.edu

Education:

Medical School and Internship. Universidad Catolica de Chile. Santiago, Chile, M.D. degree "Maximum Distinction"	Jan. 1983-Jan. 1990
General Surgery Residency, Universidad Catolica de Chile	May 1990- April 1993
General Surgery Residency, University of Arizona, Tucson Hospitals	July 1994- June 1999
Surgical Oncology Research Fellowship, University of Texas M.D. Anderson Cancer Center (Steven Curley, M.D.)	July 1996- June 1997
Surgical Oncology Fellowship, University of Texas M.D. Anderson Cancer Center, (Steven Curley, M.D.)	July 1999- June 2001

Licensure and Certification:

Diplomat of the American Board of Surgery,
Certificate No. 45308, Issued June 6, 2000, Recertified 2009 until July 1, 2020
Qualifying Examination: Percentile 97
Certifying Examination: Passed
State of Tennessee Board of Medical Examiners
State of Texas Board of Medical Examiners
State of Arizona Board of Medical Examiners
United States Medical Licensing Examination
Educational Commission for Foreign Medical Graduates (ECFMG)
Foreign Medical Graduate Examination in the Medical Sciences

Academic Appointments:

Assistant Professor Department of Surgery Meharry Medical College Nashville, TN	2001-2006
Chief, Surgical Oncology Nashville General Hospital at Meharry Nashville, TN	2001-2006
Medical Director, Breast Health Center Nashville General Hospital at Meharry Nashville, TN	2002-2006

Associate Professor Department of Surgery Meharry Medical College Nashville, TN	2006
Staff Surgeon Veteran's Administration Medical Center Nashville, TN	2007-current
Assistant Professor Division of Surgical Oncology Section of Surgical Sciences Vanderbilt University Nashville, TN	2001-2007
Associate Professor Division of Surgical Oncology Section of Surgical Sciences Vanderbilt University Nashville, TN	2007-current

Hospital Appointments:

Nashville General Hospital at Meharry	2001-2007
Vanderbilt University Medical Center	2001-current
Veteran's Administration Medical Center, Nashville, TN	2007-current

Professional Organizations (current):

American Society of Clinical Oncology
American Association for Cancer Research
Society of Surgical Oncology
American College of Surgeons, Fellow
Society for Surgery of the Alimentary Tract
Association for Academic Surgery
Western Surgical Association

Professional Activities:

International Relations Committee, American College of Surgeons-ACS
Medical School Admissions Screener, Vanderbilt University School of Medicine
Society of Surgical Oncology Disparities Committee
Nashville VA, Medical Records Committee
Nashville VA, Cancer Physician Liaison, American College of Surgeons, Commission on Cancer
Member Scholar Selection Sub-Committee of The International Relations Committee: Selection of ACS Traveling Fellowships to Australia, Germany, Japan, and selection of International Guest Scholarships to the US, (completed October 2008)

Completed:

International Relations Committee, American College of Surgeons- ACOSOG
Nashville General Hospital at Meharry (NGHM)

Cancer Physician Liaison, American College of Surgeons,
Commission on Cancer (2001-2006)

Chair, Cancer Committee, Nashville General Hospital at Meharry (2006)

Breast Center Planning Committee, 2002 and Medical Director Breast Health Center
(2002-2006):

The Breast Health Center at NGHM opened in October 2002. It was planned to offer state of the art breast health care to the underserved population of Davidson County. We applied the Vanderbilt Breast Center model of care with integrated Surgical Oncology, Radiology, Clinical Trials Nurse, and also Medical Oncology on site. We implemented stereotactic breast biopsies, core needle biopsies, ultrasound-guided procedures, and sentinel node biopsy for our breast cancer patients. Our patients also had access to clinical trials, including Vanderbilt University SPORE in Breast Cancer trials

“Free Mammograms in May” Committee, 2003-2006:

Through funding mainly from Susan G. Komen Foundation and multiple donors we were able to offer no-cost screening for breast cancer, incorporating clinical breast exams and screening mammograms. Several early breast cancers were diagnosed during the duration of this program

Meharry Medical College

Department of Surgery, Advisory Committee

Department of Surgery, Appointment and Promotion Committee

Editorial Reviewer

Cancer	2006-current
Lung Cancer	2006-current
Journal of Food Biochemistry	2006-current
Journal of the Pancreas	2008-current

Honors and Awards

PSR Five Star Award, Overall Quality of Doctor Care	2008
PSR Five Star Award, Overall Quality of Doctor Care	2007
Accepted for AAMC Mid-Career Women Faculty Seminar	2006
AACR Minority–Serving Institution Faculty Scholar Award in Cancer Research	2006
Nominee, Joy McCann Foundation Endowed Professorship	2004
Clinical Honors in General Surgery Residency Program	1999
Clinical Honors in General Surgery Residency Program	1998

Teaching Activities:

- Medical Student level (Meharry Medical College and Vanderbilt University):

Coordinator, Clinical Correlations Lectures Gastrointestinal Module	2006
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Lectures:

Freshmen Clinical Correlations, Colon Cancer, Surgical Interventions	2002-2003
Introduction to Clinical Medicine, Freshman II MS: Breast examination and differential diagnosis	2003-2004
Sophomores Clinical problem Solving, Gastrointestinal Masses	2003
Sophomores Clinical Correlations, Gastrointestinal disorders	

Acute and Chronic Pancreatitis	2005-2006
Hepatobiliary and Pancreatic Tumors	2005-2006
3 rd year Clerkship, Surgery, Breast Disorders	2001-2006
3 rd year Clerkship, Surgery, Principles of Oncology, Skin and Soft Tissue Malignancies	2001-2006
3 rd year Clerkship, Surgery, Pancreas and Spleen	2006
3 rd year Clerkship, OB-Gyn, Breast disorders	2005-2006
Henry W. Foster OB/GYN Club, Surgical Oncology	2004
RASSO, Radiology and Anatomical Sciences Student Organization at MMC, Breast Cancer	2003 and 2005
Breast Surgery Lecture for "The Culture of Surgery", 3 rd year Medical Students, Vanderbilt University	2006-current
<u>Clinical Rotation/Preceptor:</u>	
3 rd year Clerkship, Surgery at Nashville General Hospital at Meharry	2001-2006
3 rd year Vanderbilt University Medical Students, Surgery	2001-current

- Resident Level (Meharry Medical College and Vanderbilt University):

Lectures:

OB-Gyn Residents Lecture, Breast Disorders	2005-2006
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Clinical Rotation:

MMC OB-Gyn Residency Program, Breast Health Center	2005-2006
MMC Family Practice Residency Program, 1 st year residents	2004-2006
Vanderbilt University, General Surgery Residency Program, 1 st and 3 rd year residents	2001-2006
Vanderbilt University, General Surgery Residency Program, All level residents, Surgical Oncology and VA General Surgery	2007-current

Resident Teaching Conference R1-R5:

Complex Management Breast Cancer	April, 24, 2009
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- Research supervision, Mentoring of Students/Residents in Research, Manuscripts co-authored and National Meeting Presentations attached

Marlon Guerrero, MMC MSIII, currently MD, 4th year General Surgery Resident Baylor College of Medicine. Case report and review of the literature, 2002:

Guerrero M, Grau AM. "Cystosarcoma Phyllodes: A Case Report of Stromal Overgrowth in a Malignant Phyllodes Tumor" Presented at The Southern Medical Association's 96th Annual Scientific Assembly. November 2002, Washington, D.C.

Guerrero MA, Ballard BR, Grau AM. "Malignant Phyllodes Tumor of the Breast: Review of the Literature and Case Report of Stromal Overgrowth". Surgical Oncology. 2003, 12(1):27-36

Marlon Guerrero, MMC MSIV, currently MD, 4th year General Surgery Resident Baylor College of Medicine, Basic/Translational Research, 2003:

TGF-beta and apoptosis in colon cancer cells

Raul Cardenas, MMC MSIII, currently MD, Case report and review of the literature, 2002:

Cardenas R, Grau AM. *"Imperforate Anus: Consequences 66 years in the Making"* Presented at The Southern Medical Association's 96th Annual Scientific Assembly. November 2002, Washington, D.C.

La'Keitha Foster, MMC MSIII, currently MD, Pediatrics, Clinical Research, 2002-2004

Grau AM, Ata A, Foster L, Ahmed NU, Stain SC, Shyr Y, Reasoner D, Pearson AS. *"Effect of race on long-term survival of breast cancer patients"*. Presented at the 75th Annual Meeting of The Pacific Coast Surgical Association, February 2004, Wailea, HI

Grau AM, Ata A, Foster L, Ahmed NU, Gorman D, Shyr Y, Stain SC, Pearson AS. *"Effect of race on long-term survival of breast cancer patients: Trans-institutional analysis from an inner city hospital and university medical center"*. The American Surgeon. 2005, February, Vol 71: 164-170

Rachel Ballard, MMC MS I, Currently MSIII, Clinical Research in Racial Disparities in Breast Cancer, 2003-Ongoing research project

Byron Spencer, MMC MSIII, currently MD, Neurology, Case report and review of the literature, 2003

Spencer BR, Grau AM. *"Angiomatoid Fibrous Histiocytoma, a case report of an unusual presentation"*. Presented at The Southern Medical Association's 97th Annual Scientific Assembly. November, 2003, Atlanta, GA

Steven Poulos, MMC MS II, currently MSIII, Basic/Translational Research, 2004-Ongoing

Poulos S, Zi J, Grau AM. *"Role of RhoB in Tumorigenesis and Metastasis in Pancreatic Cancer"*. Presented at the 49th Annual Student Research day, MMC, March 2005

Grau AM, Wada M, Zi J, Poulos S, Nakajima S, Datta PK, Beauchamp RD. *"TGF- β Promotes Epithelial To Mesenchymal Transition and Invasiveness Through a RhoB-Dependent Pathway"*. Manuscript in Preparation

Jaime Bohl, MD, Vanderbilt University 4th year Surgery Resident, 2006-2007

Bohl J, Grau AM. *"Gastroduodenal Artery Pseudoaneurysm Associated With Hemosuccus Pancreaticus And Obstructive Jaundice"*. J Gastrointest Surg. 2007 Jul 17; [Epub ahead of print]

- CME/Invited Lectures

- 1 The 26th Annual Matthew Walker Surgical Symposium, Nashville, TN, March 2002. "Pancreatic Cancer: Optimizing Patient Selection for Surgery"
- 2 The 27th Annual Matthew Walker Surgical Symposium, Nashville, TN, March 2003. "Role of TGF- β and NF- κ B in Gastrointestinal Cancer Progression"
- 3 Bedford County Medical Center, Shelbyville, TN, April 2003. "Imaging in Breast Disease"
- 4 Department of Surgery Grand Rounds, Vanderbilt University, November 2003. "Colorectal and Anal Canal Cancer"
- 5 Department of Obstetrics and Gynecology Grand Rounds, Meharry Medical College, November 2003. "Diagnosis and Treatment of Breast Cancer"

Health Center Education and Outreach Program at Nashville General Hospital at Meharry”

Susan G. Komen Breast Cancer Foundation, Inc. \$15,000 7/1/2004-3/31/2005
To Nashville General Hospital at Meharry Breast Health Center, Ana M. Grau, Director. “Breast Health Center Education and Outreach Program at Nashville General Hospital at Meharry” For follow up care of women with positive mammography screens.

Susan G. Komen Breast Cancer Foundation, Inc. \$40,000 7/1/2005-6/30/2006
To Nashville General Hospital at Meharry Breast Health Center, Ana M. Grau, Director. “Breast Health Center Education and Outreach Program at Nashville General Hospital at Meharry

2 P20 RR011792 V. Montgomery-Rice (PI) 10/1/2003-9/2008
NIH/RCRII, “Meharry Clinical Research Center Infrastructure”, RCMI.
The goal of this study is to evaluate the role of TGF-beta in the regulation of NF-kappaB and RhoB in colon cancer cells
Role: PI of Project: “TGF-β signaling in colorectal cancer”. 44.5% Effort \$176,000/year

U54 CA91408-01 (pre-pilot project) Grau AM (PI) Vanderbilt PI Dr. Nipun Merchant
“Biomarkers of racial disparity in colorectal cancer”. Submitted with U54 grant application Meharry-Vanderbilt Alliance.

1 P50CA098131-01 C. Arteaga (PI) 8/7/2003-5/31/2008
NIH/NCI
SPORE in breast cancer.
Role: Co-Investigator in 2 of the main projects: 5% Effort
“HER (erbB) tyrosine kinase inhibitors in treatment-naive operable breast cancer”
and
“Development of Predictive Markers of Response to Neoadjuvant Paclitaxel therapy in Stage II/III Breast Cancer”

Ongoing:

Susan G. Komen Foundation Julie Means-Powell (PI)
“Serum Protein Profiles among African American and White Women at Elevated Risk for Breast Cancer”. From a Consortium of Vanderbilt-Ingram Cancer Center, Meharry Medical College, International Epidemiology Institute. Funded
Role: Co-Investigator

NIH R01 CA92447
“Southern Community Cohort Study” William J. Blot, PhD, PI
Submitted June 2006
Role: Co-investigator

Publications (Articles in refereed journals):

- 1 López F, Grau AM, Méndez A, Zúñiga A. "Radiation enteritis: the results of surgical treatment". Rev. Med. Chile. 1990, 118: 1338-1343
- 2 Skorin C, Necochea C, Johow V, Soto U, Grau AM, Bremer J, Leighton F. "Peroxisomal fatty acid oxidation and inhibitors of the mitochondria carnitine palmitoyltransferase I in rat isolated hepatocytes". Biochemical Journal. 1992, 281: 561-567
- 3 Grau A, Mertens R, Rahmer A, Zúñiga A. "Hemicolectomía derecha: Resultados de la cirugía no programada y electiva".(Right hemicolectomy: non planned versus programmed intervention). Rev. Chil. Cir. 1992, 44: 433-436

- 4 Grau A, Quintana C, Zúñiga A. " *Crohn's disease: clinical presentation and results of surgical treatment*". Rev. Med. Chile. 1993, 121: 162-166
- 5 Zalaquett R, Morán S, Irrazaval MJ, Maturana G, Navarro M, Grau A, Lema G, Urzúa J. " *Surgery of acute mitral valve insufficiency* ". Rev. Med. Chile. 1993, 121: 403-407
- 6 López FK, Rahmer AO, Pimentel F, Guzmán S, Llanos OL, Ibáñez LA, Howard M, Grau AM, Zúñiga A. " *Colorectal cancer. Study of survival and surgical results* ". Rev. Med. Chile. 1993, 121: 1142-1148
- 7 Grau AM, Zhang L, Wang W, Evans D, Abbruzzese J, Chiao P. " *TGF β -mediated growth inhibition of human pancreatic cancer requires a functional DPC4 tumor suppressor gene*". Owen H. Wangenstein Surgical Forum. Volume XLVIII, 1997
- 8 Grau AM, Zhang L, Wang W, Ruan S, Evans D, Abbruzzese J, Zhang W, Chiao P. " *Induction of p21waf1 expression and growth inhibition by transforming growth factor- β involve the tumor suppressor gene DPC4 in human pancreatic adenocarcinoma cells*". Cancer Research. 1997, 57: 3929-3934
- 9 Bold RJ, Hess KR, Pearson AS, Grau AM, Sinicrope FA, Jennings M, McConkey DJ, Bucana CD, Cleary KR, Hallin PA, Chiao PJ, Abbruzzese JL. " *Prognostic Factors in Resectable Pancreatic Cancer:p53 and Bcl-2*". Journal of Gastrointestinal Surgery. 1999, 3(3):263-277
- 10 Chiao PJ, Hunt KK, Grau AM, Abramian A, Fleming J, Zhang W, Breslin T, Abbruzzese JL, Evans DB. " *Tumor suppressor gene Smad4/DPC4, its downstream target genes, and regulation of cell cycle*". Annals New York Academy of Sciences. 1999, 880: 31-37
- 11 Peng B, Fleming J, Breslin T, Grau AM, Fojioka S, Abbruzzese JL, Evans DB, Ayers D, Wathen K, Wu T, Robertson KD, Chiao PJ " *Suppression of Tumorigenesis and Induction of p15^{ink4b} by Smad4/DPC4 in Human Pancreatic Cancer Cells*". Clinical Cancer Research. 2002, 8: 3628-3638
- 12 Clark T, Riordan W, Grau AM, Dave DS, Roberts RL, Smith ER. " *Colonic Adenocarcinoma in a Congenital Rectourethral Fistula in Association with High Imperforate Anus and Multiple Genitourinary Anomalies*". J Urol. 2002 Dec;168(6):2537
- 13 Raut CP, Grau AM, Staerkel GA, Kaw M, Tamm EP, Wolff RA, Vauthey JN, Lee JE, Pisters PWT, Evans DB. " *Diagnostic Accuracy of Endoscopic Ultrasound-Guided Fine-Needle Aspiration in Patients with Presumed Pancreatic Cancer*" J Gastrointest Surg. 2003 Jan;7(1):118-28
- 14 Guerrero MA, Ballard BR, Grau AM. " *Malignant Phyllodes Tumor of the Breast: Review of the Literature and Case Report of Stromal Overgrowth*". Surgical Oncology. 2003, 12(1):27-36
- 15 Grau AM, Ata A, Foster L, Ahmed NU, Gorman D, Shyr Y, Stain SC, Pearson AS. " *Effect of race on long-term survival of breast cancer patients: Trans-institutional analysis from an inner city hospital and university medical center*". The American Surgeon. 2005, February, Vol 71: 164-170
- 16 Grau AM, Ballard BR. " *Transduodenal Excision of Bleeding Periampullary Endocrine Tumor as a Bridge to Pancreaticoduodenectomy in a Jehovah's Witness Patient*". J Gastrointest Surg. 2006, Mar;10(3):428-33

- 17 Chakravarthy B, Kelley MC, McLaren B, Truica C, Billheimer D, Mayer I, Grau AM, Johnson DH, Simpson JF, Beauchamp RD, Brown C, Pietenpol JA. "Neoadjuvant Concurrent Paclitaxel and Radiation in Stage II/III Breast Cancer" Clin Cancer Res 2006 12: 1570-1576
- 18 Grau AM, Datta PK, Zi J, Halder S, Beauchamp RD. "Role of Smad Proteins in the Regulation of NF-KappaB by TGF-beta in Colon Cancer Cells". Cellular Signalling 2006 Jul;18(7):1041-1050
- 19 Ata A, Elzey JD, Insaf TZ, Grau AM, Stain SC, Ahmed NU. "Colorectal cancer prevention: Adherence patterns and correlates of tests done for screening purposes within US populations". Cancer Detect Prev. 2006 30(2):134-43. Epub 2006 Apr 25
- 20 Bohl J, Dossett L, Grau AM. "Gastroduodenal artery pseudoaneurysm associated with hemosuccus pancreaticus and obstructive jaundice". J Gastrointest Surg. 2007 Dec;11(12):1752-4. Epub 2007 Jul 17
- 21 Marta Guix, Nara de Matos Granja, Ingrid Meszoely, Theresa B. Adkins, Bobbye M., Wieman, Kerek E. Frierson, Violeta Sanchez, Melinda E. Sanders, Ana M. Grau, Ingrid A. Mayer, Gary Pestano, Yu Shyr, Senthil Muthuswamy, Benjamin Calvo, Helen Krontiras, Ian E. Krop, Mark C. Kelley, Carlos L. Arteaga. Short pre-operative treatment with erlotinib inhibits tumor cell proliferation in hormone receptor-positive breast cancers. J Clin Oncol. 2008 Feb 20;26(6):897-906.
- 22 Grau AM, Wen W, Ramroopsingh D, Zi J, Cai Q, Zheng W. "Circulating Transforming Growth Factor-beta and Breast Cancer Prognosis: Results from the Shanghai Breast Cancer study". Breast Cancer Res Treat. 2008 Nov;112(2):335-41.
- 23 Malin Fair A, Wujcik D, Lin JS, Egan K, Grau AM, Zheng W. Timing is everything: methodologic issues locating and recruiting medically underserved women for abnormal mammography follow-up research. Contemp Clin Trials. 2008 Jul;29(4):537-46.
- 24 Malin Fair A, Wujcik D, Lin JS, Grau AM, Wilson V, Champion V, Zheng W, Egan K. Obesity, reproductive factors and follow-up of abnormal screening mammography in minority and medically underserved women In Press, to be published July 2009, Journal of Women's Health.
- 25 Malin Fair A, Wujcik D, Lin JS, Zheng W, Egan K, Grau AM, Champion VL, Wallston KA . Pshycosocial Determinants of Mammography Follow-up After Receipt of Abnormal Mammographic Results in Medically Underserved Women. Submitted to The Journal of Health Care for the Poor and Underserved

Manuscripts in progress:

- 1 Grau AM, Zi J, Ramroopsingh D, Zhao Z, Shyr Y. Determinants of Circulating Levels of Transforming Growth Factor-beta: Results From The SCCS. Manuscript in Preparation.
- 2 Grau AM, Wada M, Zi J, Nakajima S, Datta PK, Beauchamp RD. TGF- β Promotes Epithelial To Mesenchymal Transition and Invasiveness Through a RhoB-Dependent Pathway. Manuscript being revised.
- 3 Flores AM, Dwyer K, Hagy B, Grau AM, Kelley M, Murphy BA. Shoulder function impairment disparities between African American and White Breast Cancer Survivors before and after surgery. First draft being reviewed by co-authors.

Book Chapters

Published:

- 1 Reilly JA, Grau AM,. "*Hematologic malignancies and splenic tumors*" In Feig BW, Berger DH, Fuhrman GM (eds), The M.D. Anderson Surgical Oncology Handbook. Second Edition. Philadelphia: Lippincott Williams & Wilkins, 1999
- 2 Grau AM, Evans DB. "*Carcinoma of the Parathyroid Glands*". Phillip Pellitteri and Thomas McCaffrey editors. Chapter 42, Endocrine Surgery of the Head and Neck. Cingular, 2002
- 3 Grau AM, Pollock RE. "*Management of Soft Tissue Sarcomas: Extremity and Chest*". In Kirby I. Bland editor, Chapter 160. The Practice of General Surgery. W.B. Saunders, 2002
- 4 Grau AM, FR, Bouvet M, Fuhrman GM, Berger DH. "*Pancreatic Adenocarcinoma*" In Feig BW editor, The M.D. Anderson Surgical Oncology Handbook. Third Edition. Philadelphia: Lippincott Williams & Wilkins, 2003
- 5 Jean M, Grau AM. "*Carcinoma of the Thyroid and Parathyroid Glands*" In Feig BW editor, The M.D. Anderson Surgical Oncology Handbook. Third Edition. Philadelphia: Lippincott Williams & Wilkins, 2003
- 6 Frederick W, Romaguera J, Reilly JA, Grau AM, "*Hematologic malignancies and splenic tumors*" In Feig BW editor, The M.D. Anderson Surgical Oncology Handbook. Third Edition. Philadelphia: Lippincott Williams & Wilkins, 2003
- 7 Huang RF, Grau AM, Spitz FR, Bouvet M, Fuhrman GM, Berger DH. "*Pancreatic Adenocarcinoma*" In Feig BW editor, The M.D. Anderson Surgical Oncology Handbook. Fourth Edition. Philadelphia: Lippincott Williams & Wilkins, 2006
- 8 Frederick W, Romaguera J, Reilly JA, Grau AM,. "*Hematologic malignancies and splenic tumors*" In Feig BW editor, The M.D. Anderson Surgical Oncology Handbook. Fourth Edition. Philadelphia: Lippincott Williams & Wilkins, 2006

In Preparation:

- 1 Small Bowel Carcinoid Tumors, Chapter for Current Surgical Therapy, Tenth Edition. John L. Cameron, Andrew M. Cameron, Editors

Abstracts and Presentations at Scientific Meetings (peer reviewed)

- 1 Santos MJ, Manzano M, Grau AM, Leighton F. "*Inducción de peroxisomas en células animales en cultivo*" (Peroxisomal induction in animal cells in culture). XXVIII Reunión anual de la Sociedad de Biología de Chile, 1985
- 2 Grau AM, Carrasco O, Necochea C, Leighton F "*Modificación del catabolismo de purinas en ratas con dieta rica en fructosa*" (Changes in purine catabolism in rats on a high-fructose diet). IX Congreso Científico de Estudiantes de Medicina, Santiago, Chile, 1986

- 3 Necochea C, Johow V, Soto U, Grau AM "*Oxidación peroxisomal de ácidos grasos e inhibidores de la carnitina palmitoil transferasa mitocondrial (CPTI)*" (Peroxisomal oxidation of fatty acids and inhibitors of mitochondrial carnitine palmitoyl transferase). Arch. Biol. Med. Expl. 22, R282, 1989
- 4 Skorin C, Johow V, Soto U, Grau AM, Necochea C, Leighton F. "*Effect of inhibitors of the mitochondrial carnitine palmitoyl transferase I on peroxisomal fatty acid oxidation in rat hepatocytes*". X International Symposium on Drugs Affecting Lipid Metabolism, Houston, Texas, 1989
- 5 López F, Grau AM, Méndez A, Zúñiga A. "*Enteritis Actínica: Resultados del tratamiento quirúrgico*" (Results of the surgical treatment of radiation enteropathy). LXII Congreso Chileno e Internacional de Cirugía. Sociedad de Cirujanos de Chile, 1989, and XVI Congreso Chileno de Gastroenterología, 1989
- 6 López KF, Grau AM, Zúñiga AD. "*Evaluación del tratamiento quirúrgico del cáncer colorrectal*" (Evaluation of surgical therapy in colorectal cancer). LXIII Congreso Chileno e Internacional de Cirugía. Sociedad de Cirujanos de Chile, 1990
- 7 Zalaquett R, Morán S, Irrarrázaval MJ, Maturana G, Navarro M, Grau AM, Lema G, Urzúa J. "*Insuficiencia Mitral aguda*" (Acute Mitral insufficiency). XXVIII Congreso Chileno de Cardiología y Cirugía Cardiovascular, 1991
- 8 Grau AM, Quintana C, López F, Zúñiga A. "*Resultados del tratamiento quirúrgico de la Enfermedad de Crohn*" (Results of the surgical treatment of Crohn's Disease). XVIII Congreso Chileno de Gastroenterología, 1991
- 9 Grau AM, Martínez J, Zúñiga A, Guzmán S. "*Pancreatitis aguda grave: Evaluación del diagnóstico y manejo quirúrgico agresivo de la complicación séptica*" (Acute pancreatitis: diagnosis and surgical treatment of septic complications). XVIII Congreso Chileno de Gastroenterología, 1991
- 10 Grau AM, Quintana C, López KF, Zúñiga DA. "*Resultados del tratamiento quirúrgico de la Enfermedad de Crohn*" (Results of the surgical treatment of Crohn's Disease). LXIV Congreso Chileno e Internacional de Cirugía, 1991
- 11 Zúñiga DA, López KF, Pimentel MF, Grau AM, Rahmer OA "*Proctocolectomía, reservorio ileal y anastomosis reservorio anal: Indicaciones y resultados*" (Proctocolectomy, ileal pouch and ileoanal anastomosis: indications and results). LXIV Congreso Chileno e Internacional de Cirugía, 1991
- 12 Valdés F, Krämer A, Mertens R, Grau AM "*Endarterectomía aórtica en el tratamiento del Síndrome de Leriche*" (Aortic endarterectomy in the treatment of Leriche's Syndrome). LXV Congreso Chileno e Internacional de Cirugía, 1992
- 13 Espinoza R, Grau AM, Sonneborn R, Aguilera H. "*Colostomías por trauma: una alternativa válida*" (Colostomy in trauma). V Congreso Panamericano de Trauma. México, 1992
- 14 Grau AM, Zhang L, Wang W, Evans D, Abbruzzese J, Chiao P. "*TGF β -mediated growth inhibition of human pancreatic cancer requires a functional DPC4 tumor suppressor gene*". 31 st Annual Meeting of the Pancreas Club, Bethesda, MD, 1997 and at the American College of Surgeons Surgical Forum, Chicago, 1997

- 15 Grau AM, Bold R, Bouvet M, Evans D, Abbruzzese JL, Chiao P. "*Portal vein injection as a model of metastatic pancreatic cancer and the development of highly metastatic variants*". Presented at The American Pancreatic Association, Chicago, 1997. *Pancreas*, 1997, 15 (4): 436
- 16 Grau AM, Evans DB, Lee JE, Pisters MD, Robinson EK, Cleary KR, Chiao P, Larry L, Hess KR, Abbruzzese JL. "*k-ras mutations: The most powerful predictor of recurrence and survival in patients with adenocarcinoma of the pancreas treated with potentially curative multimodality therapy*". Presented at the 83rd Annual Clinical Congress of The American College of Surgeons, Chicago, 1997, and at The American Pancreatic Association, Chicago, 1997. *Pancreas*, 1997, 15 (4): 436
- 17 Bold RJ, Evans DB, Hess KR, Grau AM, Sinicrope F, Cleary KR, Chiao PJ, Abbruzzese JL. "*Molecular genetics of pancreatic cancer*". Presented at the Society for Surgery of the Alimentary Tract Annual Meeting. May, 1998.
- 18 Grau AM, Lahoti S, Charnsangavej C, Staerke G, Lee J, Pisters P, Abbruzzese J, Evans DB. "*Endoscopic Ultrasound-guided fine needle biopsy of the pancreas*". Presented at the Society of Surgical Oncology Cancer Symposium. 2000, New Orleans
- 19 Peng B, Fleming J, Breslin T, Grau AM, Wu T, Evans DB, Abbruzzese J, Chiao PJ. "*Differential induction of p15INK4b and p21WAF1 and suppression of tumorigenesis by Smad4/DPC4 in human pancreatic cancer cells*" Presented at 92nd Annual Meeting of the American Association for Cancer Research, New Orleans 2001. Proceedings of the AACR, 2001, volume 42: #4139
- 20 Raut CP, Pisters PWT, Grau AM, Kaw M, Staerke GA, Wolff RA, Vauthey JN, Lee JE, Evans DB. "*Diagnostic Accuracy of EUS-FNA in presumed pancreatic cancer*" Presented at the Pancreas Forum at the DDW meeting. May 2002, San Francisco
- 21 Grau AM, Datta PK, Zi J, Halder SK, Stain SC, Beauchamp RD. "*TGF- β regulates NF- κ B through a smad dependent pathway in colon cancer cells*". Presented at the MMC/Vanderbilt U54 Cancer Partnership 3rd Annual Retreat, November 2002, Nashville, TN
- 22 Cardenas R, Grau AM. "*Imperforate Anus: Consequences 66 years in the Making*" Presented at The Southern Medical Association's 96th Annual Scientific Assembly. November 2002, Washington, D.C.
- 23 Guerrero M, Grau AM. "*Cystosarcoma Phyllodes: A Case Report of Stromal Overgrowth in a Malignant Phyllodes Tumor*" Presented at The Southern Medical Association's 96th Annual Scientific Assembly. November 2002, Washington, D.C.
- 24 Grau AM, Datta PK, Zi J, Halder SK, Stain SC, Beauchamp RD. "*TGF- β regulates NF- κ B through a smad dependent pathway in colon cancer cells*". Presented at the Association for Academic Surgery Annual Meeting. November 2002, Boston, MA. Published in *Journal of Surgical Research*, Vol. 107, No. 2:281, 2002
- 25 Grau AM, Zi, J, Datta PK, Stain SC, Beauchamp RD. "*RhoB regulates NF- κ B through a TGF- β and smad independent pathway in cancer cells*". Presented at the Annual Meeting of The Society of Surgical Oncology, March, 2003, Los Angeles, CA

- 26 Chakravarthy A, Charaund P, Kelley M, Johnson D, Stewart Z, Beauchamp RD, Grau AM, Pearson S, Simpson J, Pietenpol J. "*Proteomic profiles from serial core biopsies following neoadjuvant paclitaxel/radiation for stage II/III breast cancer*". Presented at the Thirty-Ninth Annual Meeting of the American Society of Clinical Oncology, May 2003, Chicago, IL
- 27 Spencer BR, Grau AM. "*Angiomatoid Fibrous Histiocytoma, a case report of an unusual presentation*". Presented at The Southern Medical Association's 97th Annual Scientific Assembly. November, 2003, Atlanta, GA
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