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2000 Bibliography of Publications

Compiled and edited by

Tim Mason, M.L.S.
Technical Services Librarian
and
Marylouise Lindsey
Senior Library Technician

Gibson D. Lewis Health Science Library
University of North Texas Health Science Center at Fort Worth

June 2001

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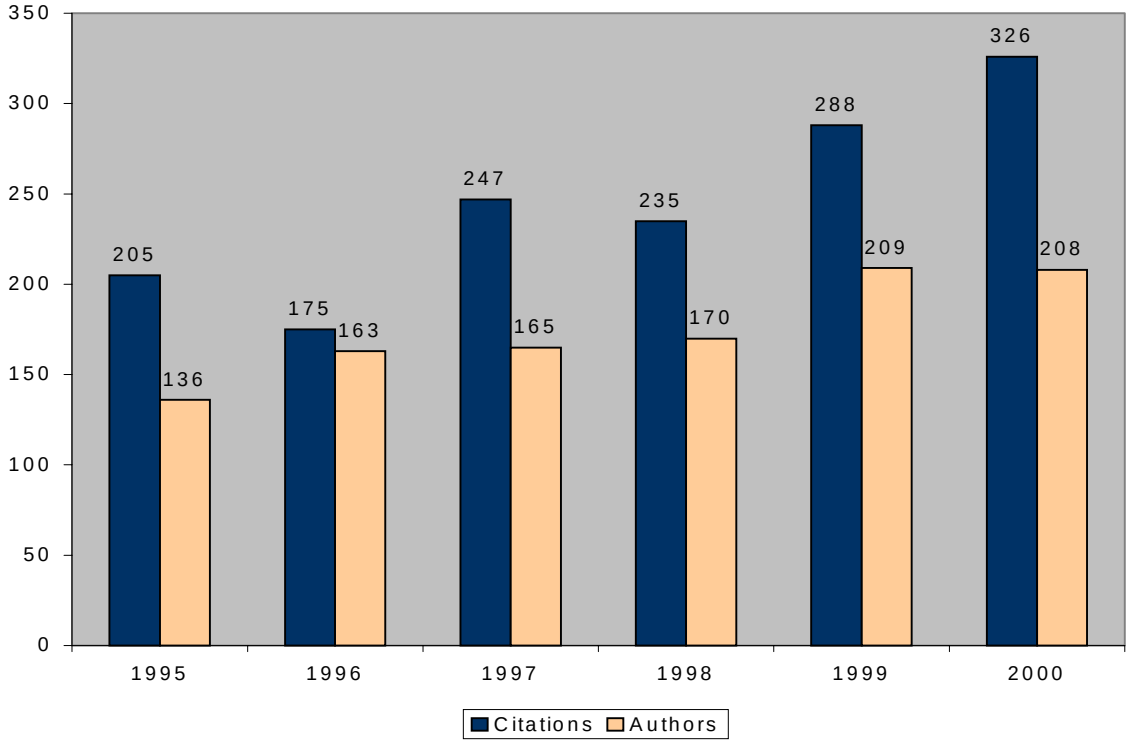
Introduction

The 2000 Bibliography of Publications cites journal articles, books, book chapters, editorial letters, published abstracts, and book reviews, both print and electronic, published by 208 authors under the auspices of the University of North Texas Health Science Center at Fort Worth during the calendar year. The accuracy of references has been verified. This 2000 bibliography, containing 326 unique citations, provides a comprehensive listing of the publications of faculty, staff, and students; and an overview of their accomplishments and research interests. We have also included two citations from 1999 which were not discovered in time to be included last year.

Entries are grouped by school, then by department, and arranged alphabetically by author within each department. There are separate sections for students of the Texas College of Osteopathic Medicine, the Graduate School of Biomedical Sciences, and the School of Public Health. For collaborative works, the entry is cited under each author. The format used to cite publications follows the style established by the National Library of Medicine.

The bibliography is also available in electronic format on the Gibson D. Lewis Health Science Library's web site: http://library.hsc.unt.edu.



Summary of 2000 Publications by Department *

Texas College of Osteopathic Medicine
★
Graduate School of Biomedical Sciences

Cardiovascular Research Institute (4)

Valencia, Thomas G. (2)
Zeng, Hong (4)

Family Medicine (17)

Adams, Barbara D. (2)
Bowling, John R. (1)
Coleridge, Samuel T. (1)
Franks, Susan F. (1)
Licciardone, John C. (10)
Migala, Henri (1)
Prather, Irvine D. (1)
Sinha, Arushi (1)
Stockard, Alan (1)

Information Technology Services (6)

Wallis, Cleatus J. (6)

Integrative Physiology (79)

Barron, Barbara A. (4)
Bian, Xiaoming (7)
Caffrey, James L. (3)
Carroll, Joan F. (8)
Dimitrijevich, S. Dan (4)
Downey, H. Fred (7)
Foresman, Brian H. (1)
Fu, Min (3)
Grant, Stephen R. (4)
Gwirtz, Patricia A. (8)
Kyser, Cheryl K. (4)
Loftus, Michael J. (1)
Mallet, Robert T. (8)
Martin II, William J. (4)
Ogoh, Shigehiko (2)
Raven, Peter B. (13)
Shi, Xiangrong (6)
Smith, Michael L. (13)
Sun, Jie (1)
Tune, Johnathan D. (5)
Wasmund, Wendy E. (5)
Watenpaugh, Donald E. (11)

Internal Medicine (22)

Blanck, Ronald R. (1)
Chesky, Kris S. (1)
Clearfield, Michael B. (10)
Knebl, Janice A. (2)
Mathe, Allvin J. (1)
McConathy, Walter J. (2)
Orr, J. David (1)
Pertusi, Raymond M. (1)
Pham, Chau N. (1)
Rubin, Bernard R. (1)
Weis, Stephen E. (9)
Weiss, Martin S. (2)

Manipulative Medicine (6)

Dickey, Jerry L. (1)
Gamber, Russell G. (2)
Stoll, Scott T. (4)

Medical Education (4)

Alexander, Jerry H. (1)
Brooks, Ann N. (1)
Elam, Craig S. (1)
Johnson, Lynn F. (2)
Martin, Dohn (1)
Shores, Jay H. (2)

Molecular Biology and Immunology (74)

Akkaraju, Giridhar R. (3)
Akopova, Irina S. (1)
Alvarez-Gonzalez, Rafael (4)
Andreev, Oleg A. (3)
Basu, Alakananda (5)
Bhatt, Harshika (1)
Borejdo, Julian (2)
Chuang, Samuel S. (3)
Clark, Abbot F. (17)
Conrad, Craig C. (4)
Dory, Ladislav (2)
Easom, Richard A. (3)
Goldfarb, Ronald H. (15)
Gracy, Robert W. (4)
Kim, Myoung H. (7)
Kitson, Richard P. (11)
Kudchodkar, Bhalchandra J. (2)
Kumaresan, Pappa R. (5)
Kumari, Sunitha R. (1)
Lacko, Andras G. (6)
Malakowsky, Christina A. (2)
Mathew, Porunelloor A. (10)
Mendoza-Alvarez, Hilda (1)
Nair, Maya P. (2)
Romeo, Tony (2)
Simecka, Jerry W. (3)
Talent, John M. (2)
Wei, Bangdong (1)
Woolard, Mathew (1)
Wu, Ming Chi (2)
Xue, Yaming (2)

Pathology and Anatomy (35)

Agarwal, Neeraj (11)
Agarwal, Rajnee (7)
Brun-Zinkernagel, Anne Marie (1)
Cammarata, Patrick R. (2)
Chaitin, Michael H. (2)
Collier, Robert J. (2)
Garner, Margaret H. (3)
Liu, Jing Jing (1)
McCartney, Mitchell D. (2)
Nelson, Tammy H. (2)
Oakford, Lawrence X. (1)
Orr, Edward L. (1)
Reeves, Rustin E. (1)
Roque, Rouel S. (5)
Sheedlo, Harold J. (3)
Turner, James E. (3)
Wordinger, Robert J. (10)

Pharmacology and Neuroscience (95)

Beeny, Cassandra L. (2)
Bell-Horner, Cathy L. (2)
Das, Hriday K. (1)
deFiebre, Christopher M. (3)
deFiebre, Nancyellen C. (2)
DeSantis, Louis (3)
Dibas, Adnan I. (2)
Dillon, Glen H. (7)
Forster, Michael J. (4)
Freeman, Rebekah A. (2)
Gatch, Michael B. (6)
Huang, Ren-Qi (3)
Hulet, Christina J. (6)
Jung, Marianna E. (4)

King, George R. (2)
Krishnamoorthy, Raghu (10)
Kwong, Linda K. (2)
Luedtke, Robert R. (2)
Martin, Michael W. (5)
Mia, Abdul J. (1)
Morris, Paul (4)
Pang, Iok-Hou (6)
Pastorcic, Martine (1)
Prasanna, Ganesh (9)
Quist, Eugene E. (1)
Selvig, Meghan K. (1)
Sharif, Naj A. (11)
Simpkins, James W. (17)
Sohal, Raj S. (8)
Vasan, Ranga (1)
Watson, David G. (4)
Yorio, Thomas (12)

Public Health and Preventive Medicine (4)

Kaman, Robert L. (1)
Lurie, Sue G. (1)
Marshall, Muriel A. (2)

Research and Biotechnology (3)

Grant, Geoffrey F. (3)

Surgery (7)

Olivencia-Yurvati, Albert H. (5)
Smith, Gregory H. (2)

School of Public Health

Epidemiology and Biostatistics (19)

Ajani, Umed A. (10)
Bayona-Celis, Manuel (1)
Rene, Antonio A. (5)
Wilkinson, Gregg S. (3)

Health Management and Policy (5)

Fairchild, Thomas J. (1)
Galvan, Robert (1)
Hilsenrath, Peter E. (2)
Schwane, James A. (1)

Social and Behavioral Sciences (5)

Balcazar, Hector G. (4)
Coggin, Claudia (1)

Students (96)

Adell, Ruth Ann (1)
Al-Atrash, Gheath (3)
Boles, Kent S. (2)
Cardarelli, Roberto (2)
Carter, Robert (3)
Choi, Joung-Il (1)
Crawford, Matt J. (1)
Das, Paromita (1)
Dibas, Mohammed I. (3)
Edwards, Thomas D. (1)
Ettinger, Eve S. (1)
Fadel, Paul J. (10)
Farias, Martin (2)
Formes, Kevin J. (2)
Gallagher, Kevin M. (5)
Hart, Bradley J. (3)
Henderson, Kristi (1)
Hodge, Lisa M. (2)
Huynh, Van T. (1)
Jackson, Keith E. (2)
Johnson, Lori A. (3)
Jones, Harlan P. (1)
Kamthong, P. John (2)
Kern, Jami R. (1)
Kline, Geoffrey P. (2)
Lambert, Wendi (6)
Liu, Xiaochun (2)
Marshall, Pamela L. (2)
Maxwell, Shane (2)
McDonald, Shelley R. (1)
Moeller, Michael (1)
Mohanty, Sanghamitra (1)
Muenter, Nicolette K. (5)
Murray, Karen R. (2)
Narayan, Santosh (2)
Ong, Marcia D. (1)
Pearlman, Eric B (1)
Roberts, L. Don (2)
Schafer, Grant (1)
Setty, Srinath (1)
Shie, Philip T. (1)
Sims, Theophlous A. Jr. (1)
Siu, Jeffrey C. (1)
Srinivasan, Bhooma (3)
Stokely, Martha (2)
Swift, Jr., Jon N. (3)
Ushakov, Dmitriy S. (1)
Vopat, Kelly (2)
Wasmund, Stephen L. (8)
Williams, Maurice A. (1)
Winn, William (1)
Wray, D. Walter (2)
Wright, Michelle (1)
Yang, Shaohua (7)
Yi, Kun D. (2)
Zhang, Huiling (2)
Zhang, Xingyu (1)

*The number in parentheses is the total number of citations for each department and for each author. The sum of individual totals may exceed departmental totals, due to multiple authorship.

Texas College of Osteopathic Medicine
★
Graduate School of Biomedical Sciences

Cardiovascular Research Institute

Thomas G. Valencia
Research Assistant

Roberts LD, Valencia TG, Zeng H, Grant SR. **Ca^{+2}/calmodulin-dependent protein kinase-II∀ negatively regulates the induction of hypertrophic response ini[ti]ated by Ca^{+2} dependent protein kinases and phosphatases [Abstract].** Proceedings of the Society for Experimental Biology and Medicine 2000 Mar;223(3):324.

Valencia TG, Roberts LD, Zeng H, Grant SR. **Tetracycline-inducible CaM kinase II silences hypertrophy-sensitive gene expression in rat neonate cardiomyocytes.** Biochemical and Biophysical Research Communications 2000 Aug 11;274(3):803-10.

Hong Zeng
Research Scientist

Agarwal N, Agarwal P, Zeng H, Krishnamoorthy R, Grant SR. **Calcineurin mediated dephosphorylation of BAD drives rat retinal ganglion cell apoptosis (a model of glaucoma mediated neural cell death) [Abstract].** Investigative Ophthalmology and Visual Science 2000 Mar 15;41(4):S950.

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Family Medicine

Barbara D. Adams, M.S.A.
Instructor

Adams BD, Coggin C, Hastings RJ, Migala H, Marshall MA. **The Borders Without Boundaries project: introducing health profession students to border health concerns and practices.** Texas Journal of Rural Health 2000;18(1):44-51.

Adell RA, Adams BD, Bowling JR. **Out of Whitesboro : one medical student's view of a community-based rural medicine preceptorship.** Texas D.O. 2000 Sep;57(8):19-21.

John R. Bowling, D.O.
Associate Professor

Adell RA, Adams BD, Bowling JR. **Out of Whitesboro : one medical student's view of a community-based rural medicine preceptorship.** Texas D.O. 2000 Sep;57(8):19-21.

Samuel T. Coleridge, D.O.
Professor and Chair

Edwards TD, Coleridge ST. **My tumor could not be cancer.** DO 2000 Jul;41(7):25-7.

Susan F. Franks, Ph.D.
Assistant Professor

Brown SK, Doster JA, Rubino-Watkins MF, Franks SF. **Psychosocial implications of oral contraceptive use.** Primary Psychiatry 2000 Apr;7(4):56,65-6.

John C. Licciardone, D.O.
Associate Professor

Cardarelli R, Licciardone JC. **Who is using the Internet to obtain health information? [Abstract].** Journal of the American Osteopathic Association 2000 Aug;100(8):518.

Herron KM, Licciardone JC. **The First Osteopathic Survey of Health Care in America [Abstract].** Journal of the American Osteopathic Association 2000 Aug;100(8):520.

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Licciardone JC. **Risk communication and public health.** British Medical Journal 2000 Oct 21;321(7267):1026A.

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Stoll ST, Licciardone JC, Siu JC. **Complementary and alternative medicine research curriculum development with emphasis on osteopathic manipulative medicine: a proposal [Abstract].** Journal of the American Osteopathic Association 2000 Sep;100(9):587.

Henri Migala, M.P.H.
Director of Division of Rural Health

Adams BD, Coggin C, Hastings RJ, Migala H, Marshall MA. **The Borders Without Boundaries project: introducing health profession students to border health concerns and practices.** Texas Journal of Rural Health 2000;18(1):44-51.

Irvine D. Prather, D.O.
Associate Professor

Prather ID. **The future of family medicine.** Family Physician 2000 May;4(5):14-5.

Arushi Sinha, M.A.
Research Instructor

Sinha A. **An overview of telemedicine: the virtual gaze of health care in the next century.** Medical Anthropology Quarterly 2000 Sep;14(3):291-309.

Alan Stockard, D.O.
Associate Professor

Stockard A. **Making exercise a priority in any schedule.** Dallas Business Journal 2000 Jun 9;10C.

Information Technology Services

Cleatus J. Wallis, Ph.D.
Manager of Web Services and MSRDP Support

Gatch MB, Wallis CJ, Lal H. **Effects of ritanserin on ethanol withdrawal-induced anxiety in rats.** Alcohol 2000 May;21(1):11-7.

Jung ME, Gatch MB, Wallis CJ, Lal H. **Mechanisms of gender differences in ethanol withdrawal [Abstract].** Drug and Alcohol Dependence 2000 Dec 1;60(suppl.1):S103-4.

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Jung ME, Wallis CJ, Gatch MB, Lal H. **Sex differences in the discriminative stimulus effects of m-chlorophenylpiperazine and ethanol withdrawal.** Psychopharmacology (Berlin) 2000 Apr 1;149(2):170-5.

Uzbay IT, Wallis CJ, Lal H, Forster MJ. **Effects of NMDA receptor blockers on cocaine-stimulated locomotor activity in mice.** Behavioural Brain Research 2000 Feb;108(1):57-61.

Integrative Physiology

Tony G. Babb, Ph.D.
Adjunct Assistant Professor

Babb TG, Rodarte JR. **Mechanism of reduced maximal expiratory flow with aging.** Journal of Applied Physiology 2000 Aug;89(2):505-11.

O'Kroy JA, Lawler JM, Stone J, Babb TG. **Airflow limitation and control of end-expiratory lung volume during exercise.** Respiration Physiology 2000 Jan;119(1):57-68.

Barbara A. Barron, Ph.D.
Associate Professor

Barron BA. **Cardiac opioids.** Proceedings of the Society for Experimental Biology and Medicine 2000 May;224(1):1-7.

Hamdan MH, Page RL, Wasmund SL, Sheehan CJ, Zagrodzky JD, Ramaswamy K, Joglar JA, Adamson MM, Barron BA, Smith ML. **Selective parasympathetic denervation following posteroseptal ablation for either atrioventricular nodal reentrant tachycardia or accessory pathways.** American Journal of Cardiology 2000 Apr 1;85(7):875-8, A9.

Pearlman EB, Loftus MJ, Beeny CL, Sims TAJr, Barron BA. **Effect of catecholamines on plasma Met enkephalin Arg Phe (MERF) and MERF metabolism across the canine heart vascular bed [Abstract].** FASEB Journal 2000 Mar 15;14(4):A165.

Younes A, Pepe S, Barron BA, Spurgeon HA, Lakatta EG, Caffrey JL. **Cardiac synthesis, processing, and coronary release of enkephalin-related peptides.** American Journal of Physiology. Heart and Circulatory Physiology 2000 Oct;279(4):H1989-98.

Xiaoming Bian, M.D., Ph.D.
Research Assistant Professor

Bian X, Fu M, Mallet RT, Bunger R, Downey HF. **Myocardial oxygen consumption modulates adenosine formation by canine right ventricle in absence of hypoxia.** Journal of Molecular and Cellular Cardiology 2000 Mar;32(3):345-54.

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Setty S, Bian X, Downey HF. **Adenosine receptor blockade increases right ventricular (RV) myocardial oxygen consumption in dogs with inhibited synthesis of nitric oxide (NO) [Abstract].** FASEB Journal 2000 Mar 15;14(4):A116.

Yi KD, Bian X, Fu M, Downey HF, Mallet RT. **Divergent effects of low vs. high dobutamine on function and metabolism of hypoperfused canine right ventricle [Abstract].** Journal of Molecular and Cellular Cardiology 2000 May;32(5):A38.

Yi KD, Downey HF, Bian X, Fu M, Mallet RT. **Dobutamine enhances both contractile function and energy reserves in hypoperfused canine right ventricle.** American Journal of Physiology. Heart and Circulatory Physiology 2000 Dec;279(6):H2975-85.

James L. Caffrey, Ph.D.
Professor

Jackson KE, Farias M, Caffrey JL. **Cardiac microdialysis a powerful tool.** Cardiovascular Research 2000 Jun;46(3):367-9.

Jackson KE, Farias M, Goode AS, Caffrey JL. **Delta opioid receptor modulates vagal control of heart rate at the sinoatrial node [Abstract].** FASEB Journal 2000 Mar 15;14(4):A378.

Younes A, Pepe S, Barron BA, Spurgeon HA, Lakatta EG, Caffrey JL. **Cardiac synthesis, processing, and coronary release of enkephalin-related peptides.** American Journal of Physiology. Heart and Circulatory Physiology 2000 Oct;279(4):H1989-98.

Joan F. Carroll, Ph.D.
Research Assistant Professor

Carroll JF, Kyser CK. **In the absence of weight loss, exercise reduces blood pressure in obese rabbits [Abstract].** Medicine & Science in Sports & Exercise 2000 May;32(5, suppl.):S190.

Carroll JF, Kyser CK, Gwirtz PA. **Enhanced heart rate response to phenylephrine (PHE) in obese rabbits [Abstract].** FASEB Journal 2000 Mar 15;14(4):A157.

Carroll JF, Kyser CK, Martin MW. **Cardiac adenylate cyclase (AC) activity in obese rabbits [Abstract].** FASEB Journal 2000 Mar 15;14(4):A157.

Dwyer TM, Banks SA, Alonso-Galicia M, Cockrell K, Carroll JF, Bigler SA, Hall JE. **Distribution of renal medullary hyaluronan in lean and obese rabbits.** Kidney International 2000 Aug;58(2):721-29.

Dwyer TM, Bigler SA, Moore NA, Carroll JF, Hall JE. **The altered structure of renal papillary outflow tracts in obesity.** Ultrastructural Pathology 2000 Jul-Aug;24(4):251-7.

Kyser CK, Carroll JF, Martin MW. **∃-receptor density increases in obese rabbits [Abstract].** FASEB Journal 2000 Mar 15;14(4):A157.

Pollock, ML, Lowenthal, DT, Carroll, JF, Graves, JE. **The elderly and endurance training.** In: Shephard, RJ, Astrand, PO, editors. Endurance in sport. 2nd ed. Oxford: Blackwell Science; 2000. pp. 547-64.

Williams MA, Graves BL, Kline GP, Gwirtz PA, Carroll JF (Sponsor). **Coronary vascular resistance during exercise in dogs with renovascul[a]r hypertension (RVH) [Abstract].** Medicine & Science in Sports & Exercise 2000 May;32(5, suppl.):S179.

S. Dan Dimitrijevich, Ph.D.
Research Associate Professor

Dimitrijevich SD, Henderson K, Moeller M. **Substance P is a mediator of corneal neurogenic inflammation [Abstract].** Investigative Ophthalmology and Visual Science 2000 Mar 15;41(4):S904.

Ettinger ES, Easom RA, Dimitrijevich SD. **Proliferation of beta cells and their aggregation into neo-islets [Abstract].** Proceedings of the Society for Experimental Biology and Medicine 2000 Mar;223(3):323.

Kern JR, Dimitrijevich SD. **Telomerase activity does not alter fibroblast behavior in a three-dimensional *in vitro* model [Abstract].** Proceedings of the Society for Experimental Biology and Medicine 2000 Mar;223(3):327.

Taliana L, Evans MD, Dimitrijevich SD, Steele JG. **Vitronectin or fibronectin is required for corneal fibroblast-seeded collagen gel contraction.** Investigative Ophthalmology and Visual Science 2000 Jan;41(1):103-9.

H. Fred Downey, Ph.D.
Professor

Bian X, Fu M, Mallet RT, Bunger R, Downey HF. **Myocardial oxygen consumption modulates adenosine formation by canine right ventricle in absence of hypoxia.** Journal of Molecular and Cellular Cardiology 2000 Mar;32(3):345-54.

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Liu JJ, Srinivasan B, Bian X, Downey HF, Roque RS. **Vascular endothelial growth factor is increased following coronary artery occlusion in the dog heart.** Molecular and Cellular Biochemistry 2000 Nov;214(1-2):23-30.

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Yi KD, Downey HF, Bian X, Fu M, Mallet RT. **Dobutamine enhances both contractile function and energy reserves in hypoperfused canine right ventricle.** American Journal of Physiology. Heart and Circulatory Physiology 2000 Dec;279(6):H2975-85.

Brian H. Foresman, D.O.
Adjunct Assistant Professor

Foresman BH, Gwirtz PA, McMahon JP. **Cardiovascular disease and obstructive sleep apnea: implications for physicians.** Journal of the American Osteopathic Association 2000 Jun;100(6):360-9.

Min Fu
Research Assistant

Bian X, Fu M, Mallet RT, Bunger R, Downey HF. **Myocardial oxygen consumption modulates adenosine formation by canine right ventricle in absence of hypoxia.** Journal of Molecular and Cellular Cardiology 2000 Mar;32(3):345-54.

Yi KD, Bian X, Fu M, Downey HF, Mallet RT. **Divergent effects of low vs. high dobutamine on function and metabolism of hypoperfused canine right ventricle [Abstract].** Journal of Molecular and Cellular Cardiology 2000 May;32(5):A38.

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Stephen R. Grant, Ph.D.
Assistant Professor

Agarwal N, Agarwal P, Zeng H, Krishnamoorthy R, Grant SR. **Calcineurin mediated dephosphorylation of BAD drives rat retinal ganglion cell apoptosis (a model of glaucoma mediated neural cell death) [Abstract].** Investigative Ophthalmology and Visual Science 2000 Mar 15;41(4):S950.

Passier R, Zeng H, Frey N, Naya FJ, Nicol RL, McKinsey TA, Overbeek P, Richardson JA, Grant SR, Olson EN. **CaM kinase signaling induces cardiac hypertrophy and activates the MEF2 transcription factor in vivo.** Journal of Clinical Investigation 2000 May;105(10):1395-406.

Roberts LD, Valencia TG, Zeng H, Grant SR. **Ca^{+2}/calmodulin-dependent protein kinase-II∀ negatively regulates the induction of hypertrophic response ini[ti]ated by Ca^{+2} dependent protein kinases and phosphatases [Abstract].** Proceedings of the Society for Experimental Biology and Medicine 2000 Mar;223(3):324.

Valencia TG, Roberts LD, Zeng H, Grant SR. **Tetracycline-inducible CaM kinase II silences hypertrophy-sensitive gene expression in rat neonate cardiomyocytes.** Biochemical and Biophysical Research Communications 2000 Aug 11;274(3):803-10.

Patricia A. Gwirtz, Ph.D., FACC
Professor

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Postdoctoral Research Associate

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John M. Talent
Research Associate

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Research Assistant

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Anne Marie Brun-Zinkernagel
Research Associate

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Lawrence X. Oakford, Ph.D.
Technical Manager of Electron Microscope

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Research Assistant Professor

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Associate Professor and Division Head

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Cassandra L. Beeny
Research Assistant

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Professor and Vice Chair

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Christina J. Hulet
Research Assistant

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Marianna E. Jung, Ph.D.
Postdoctoral Research Associate

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Assistant Professor

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School of Public Health

Epidemiology and Biostatistics

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