

1999 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

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Table of Contents

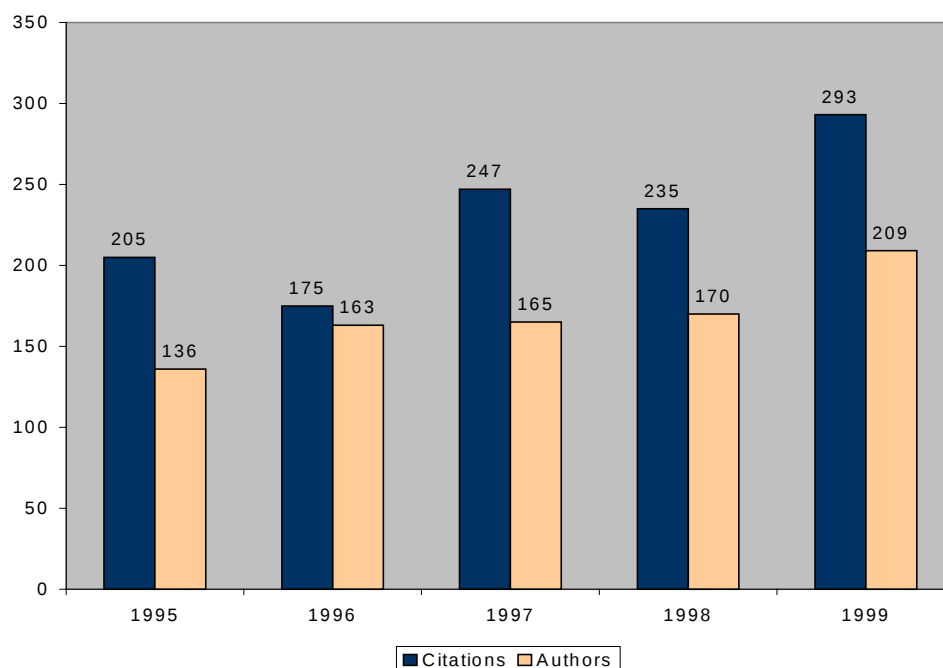
Introduction	iii
Division of Basic Sciences	1
Anatomy and Cell Biology	1
Integrative Physiology	9
Molecular Biology and Immunology	18
Pharmacology	28
Division of Clinical Sciences	41
Clinical Research	41
Family Medicine	41
Internal Medicine	42
Manipulative Medicine	47
Medical Education	47
Medical Humanities	48
Pathology	49
Public Health and Preventive Medicine	49
Psychiatry and Human Behavior	49
Radiology	50
Surgery	50
School of Public Health	53
Students	55
Graduate School of Biomedical Sciences	55
School of Public Health	65
Texas College of Osteopathic Medicine	65
Author Index	67

Introduction

The 1999 Bibliography of Publications cites journal articles, books, book chapters, editorial letters, published abstracts, book reviews, and web sites published by 209 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 1999 bibliography, containing 293 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 eight citations from 1998 which were inadvertently omitted from last year's bibliography.

Entries are grouped by division, then by department, and arranged alphabetically by author within each department. This year we include a section for the new School of Public Health, and there are separate sections for students of the Graduate School of Biomedical Sciences, the School of Public Health, and the Texas College of Osteopathic Medicine. 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.

This year, as last, the bibliography is also available in electronic format on the Gibson D. Lewis Health Science Library's web site.



Division of Basic Sciences

Anatomy and Cell Biology

Neeraj Agarwal, Ph.D.
Associate Professor

Agarwal N, Krishnamoorthy RR, Prasanna G, Pang I-H, Wordinger RJ, Yorio T. **Characterization of a putative clonal retinal ganglion cell line from transformed mixed retinal cells [Abstract].** Investigative Ophthalmology and Visual Science 1999 Mar 15;40(4):S763.

Agarwal R, Lambert W, Agarwal N, Seiler J, Clark AF. **Effects of dexamethasone (DEX) on growth factor and neurotrophin mRNA expression by cultured human trabecular meshwork cells [Abstract].** Investigative Ophthalmology and Visual Science 1999 Mar 15;40(4):S667.

Agarwal R, Talati M, Lambert W, Clark AF, Wilson SE, Agarwal N, Wordinger RJ. **Fas-activated apoptosis and apoptosis mediators in human trabecular meshwork cells.** Experimental Eye Research 1999 May;68(5):583-90.

Krishnamoorthy RR, Crawford MJ, Al-Ubaidi MR, Agarwal N. **Nuclear transcription factor NF-6B regulates photo-oxidative stress induced apoptosis of mouse cultured photoreceptor cells [Abstract].** Investigative Ophthalmology and Visual Science 1999 Mar 15;40(4):S595.

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Roque RS, Rosales AA, Liu JJ, Agarwal N, Al-Ubaidi MR. **Retina-derived microglial cells induce photoreceptor cell death in vitro.** Brain Research 1999 Jul 31;836(1-2):110-9.

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Turner JE, Sheedlo HJ, Nelson TH, Krishnamoorthy RR, Doan V, Agarwal N. **RPE-retina trophic factor (RPE-RTF) protects photoreceptor cells from apoptotic cell death [Abstract].** Investigative Ophthalmology and Visual Science 1999 Mar 15;40(4):S160.

Rajnee Agarwal
Senior Research Assistant

Agarwal R, Lambert W, Agarwal N, Seiler J, Clark AF. **Effects of dexamethasone (DEX) on growth factor and neurotrophin mRNA expression by cultured human trabecular meshwork cells [Abstract].** Investigative Ophthalmology and Visual Science 1999 Mar 15;40(4):S667.

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John E. Aschenbrenner, Ph.D.
Associate Professor

Barker DJ, Aschenbrenner JE, Orr EL, Turner JE, Barron BA, Forster MJ, Garner MH, McIntosh WE, Smith GH. **Integrating multimedia and case presentations in a first year medical neuroscience course [Abstract].** Abstracts - Society for Neuroscience 1999;25(pt.1):267.

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Clifton H. Beasley, M.D.
Adjunct Associate Professor

Santos CI, Zeiter JH, Speaker MG, Beasley CH, DeFaller JM, Clark AF. **Efficacy and safety of topical 1% anecortave acetate (AL-3789) as anti-neovascular therapy for recurrent pterygium [Abstract].** Investigative Ophthalmology and Visual Science 1999 Mar 15;40(4):S335.

Anne Marie Brun-Zinkernagel
Research Associate

Chaitin MH, Krishnamoorthy RR, Brun-Zinkernagel AM, Zhang S. **Expression of RHAMM in the retina and RPE [Abstract].** Investigative Ophthalmology and Visual Science 1999 Mar 15;40(4):S925.

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Patrick R. Cammarata, Ph.D.
Professor

- Cammarata PR. **A transgenic animal model of osmotic cataract [Abstract].** Investigative Ophthalmology and Visual Science 1999 Mar 15;40(4):S878.
- Cammarata PR, Zhou C, Chen G, Singh I, Reeves RE, Kuszak JR, Robinson ML. **A transgenic animal model of osmotic cataract. Part 1: over-expression of bovine Na⁺/myo-inositol cotransporter in lens fibers.** Investigative Ophthalmology and Visual Science 1999 Jul;40(8):1727-37.
- Cammarata PR, Zhou C, Singh I, Reeves RE, Robinson ML, Raven PB, sponsor. **Transgenic animal model of osmotic cataract [Abstract].** FASEB Journal 1999 Mar 12;13(4):A342.
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- Zhou C, Cammarata PR. **Characterization of the minimal osmotic response element of the Bovine Na⁺/myo-inositol cotransporter gene [Letter].** Experimental Eye Research 1999 Jan;68(1):137-42.

Michael H. Chaitin, Ph.D.
Associate Professor

- Chaitin MH, Krishnamoorthy RR, Brun-Zinkernagel AM, Zhang S. **Expression of RHAMM in the retina and RPE [Abstract].** Investigative Ophthalmology and Visual Science 1999 Mar 15;40(4):S925.

Robert J. Collier, Ph.D.
Adjunct Assistant Professor

- Bullard LE, Rajaratnam VS, Collier RJ, Clark AF, Penn JS. **Evidence that AL-3789 inhibits retinal neovascularization in an animal model of ROP by inducing retinal PAI-1 [Abstract].** Investigative Ophthalmology and Visual Science 1999 Mar 15;40(4):S619.
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Margaret H. Garner, Ph.D.
Associate Professor

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Raghu R. Krishnamoorthy, Ph.D.
Postdoctoral Research Associate

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Jing-Jing Liu, Ph.D.
Postdoctoral Research Fellow

Liu JJ, Song Y, Brun-Zinkernagel AM, Roque RS. **The availability and mitogenic activity of VEGF183 require heparin or proteolytic cleavage from cell-surface sites [Abstract]**. Investigative Ophthalmology and Visual Science 1999 Mar 15;40(4):S574.

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Roque RS, Oakford LX, Liu JJ. **Release of biologically active VEGF by urokinase involves its exon 7-encoded domain [Abstract].** Investigative Ophthalmology and Visual Science 1999 Mar 15;40(4):S616.

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G. Philip Matthews, M.D., Ph.D.
Adjunct Associate Professor

May DR, Kuhn FP, Morris R, Witherspoon CD, Matthews GP, Mann L. **An update of the epidemiology of serious eye injuries from the United States Eye Injury Registry [Abstract].** Investigative Ophthalmology and Visual Science 1999 Mar 15;40(4):S989.

Mitchell D. McCartney, Ph.D.
Adjunct Assistant Professor

Pang I-H, McCartney MD, Smith RS, John SW, Clark AF. **Age-dependent changes in ocular morphology of a spontaneous ocular hypertensive mouse strain (DBA/2J) [Abstract].** Investigative Ophthalmology and Visual Science 1999 Mar 15;40(4):S671.

Tammy H. Nelson
Research Associate

Nelson TH, Sheedlo HJ, Turner JE. **The antibody to RPE-retina trophic factor (RPE-RTF) inhibits neonatal rat photoreceptors cell maturation [Abstract].** Investigative Ophthalmology and Visual Science 1999 Mar 15;40(4):S458.

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Lawrence X. Oakford, Ph.D.
Technical Manager of MCS

Roque RS, Oakford LX, Liu JJ. **Release of biologically active VEGF by urokinase involves its exon 7-encoded domain [Abstract]**. Investigative Ophthalmology and Visual Science 1999 Mar 15;40(4):S616.

Edward L. Orr, Ph.D.
Associate Professor

Barker DJ, Aschenbrenner JE, Orr EL, Turner JE, Barron BA, Forster MJ, Garner MH, McIntosh WE, Smith GH. **Integrating multimedia and case presentations in a first year medical neuroscience course [Abstract]**. Abstracts - Society for Neuroscience 1999;25(pt.1):267.

D. Michael Payne, Ph.D.
Research Associate Professor

Matthews J, Payne DM, Garner MH. **A study of Na, K-ATPase in lens cells using a novel compound - Texas Red®-Ouabain [Abstract]**. Investigative Ophthalmology and Visual Science 1999 Mar 15;40(4):S882.

Zarate DD, Lovell RT, Payne DM. **Effects of feeding frequency and rate of stomach evacuation on utilization of dietary free and protein-bound lysine for growth by channel catfish (*Ictalurus punctatus*)**. Aquaculture Nutrition 1999 May;5(1):17-22.

Rusty E. Reeves, Ph.D.
Instructor

Cammarata PR, Zhou C, Chen G, Singh I, Reeves RE, Kuszak JR, Robinson ML. **A transgenic animal model of osmotic cataract. Part 1: over-expression of bovine Na⁺/myo-inositol cotransporter in lens fibers**. Investigative Ophthalmology and Visual Science 1999 Jul;40(8):1727-37.

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Rouel S. Roque, M.D.
Associate Professor

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Victoria L. Rudick, Ph.D.
Associate Professor and Vice Chair

Rudick VL, Brun-Zinkernagel AM, Westbrook M, Dory L. **Regulation of apolipoprotein E secretion in mouse macrophages: effect of HDL [Abstract].** FASEB Journal 1999 Mar 12;13(4):A177.

Harold J. Sheedlo, Ph.D.
Research Assistant Professor

Lin N, Chalam KV, Tripathi RC, Chen B, Sheedlo HJ, Turner JE. **Apoptosis of photoreceptor cells in Fischer 344 rats [Abstract].** Investigative Ophthalmology and Visual Science 1999 Mar 15;40(4):S228.

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James E. Turner, Ph.D.
Professor and Chair

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Robert J. Wordinger, Ph.D.
Associate Professor

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Integrative Physiology

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

DeLorey DS, Birkley BL, Palumbo PS, Babb TG. **Resistive unloading in older men and women with mild chronic airflow limitation [Abstract]**. Medicine and Science in Sports and Exercise 1999 May;31(5, suppl):S220.

David J. Barker, Ph.D.
Associate Professor

Barker DJ, Aschenbrenner JE, Orr EL, Turner JE, Barron BA, Forster MJ, Garner MH, McIntosh WE, Smith GH. **Integrating multimedia and case presentations in a first year medical neuroscience course [Abstract]**. Abstracts - Society for Neuroscience 1999;25(pt.1):267.

Barbara A. Barron, Ph.D.
Associate Professor

Barker DJ, Aschenbrenner JE, Orr EL, Turner JE, Barron BA, Forster MJ, Garner MH, McIntosh WE, Smith GH. **Integrating multimedia and case presentations in a first year medical neuroscience course [Abstract]**. Abstracts - Society for Neuroscience 1999;25(pt.1):267.

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

Bian X, Downey HF. **Decreasing ventricular systolic stiffness improves function and lessens oxygen demand of stunned myocardium [Abstract]**. FASEB Journal 1999 Mar 15;13(5):A1085.

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James L. Caffrey, Ph.D.
Professor

Caffrey JL. **Enkephalin inhibits vagal control of heart rate, contractile force and coronary blood flow in the canine heart in vivo.** Journal of the Autonomic Nervous System 1999 May 28;76(2-3):75-82.

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Rita M. Welch-O'Connor
Research Associate

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Instructor

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Author Index

- Agarwal, Neeraj, 1
Agarwal, Rajnee, 1
Alexander, Jerry H., 47
Alvarez-Gonzalez, Rafael, 18
Andreev, Oleg A., 19
Aschenbrenner, John E., 2
- Babb, Tony G., 9
Bai, Yun, 55
Barker, David J., 9
Barron, Barbara A., 9
Basu, Alakananda, 20
Beasley, Clifton H., 2
Beeny, Cassandra, 28
Bell-Horner, Cathy L., 29
Bhatt, Harshika, 20
Bian, Xiaoming, 9
Blais, Francis X., 42
Boles, Kent S., 55
Borejdo, Julian, 20
Brittain, Paul D., 41
Brooks, Ann P., 47
Brown, Andrew C., 42
Brun-Zinkernagel, Anne Marie, 2
- Caffrey, James L., 10
Cammarata, Patrick R., 3
Cardarelli, Roberto, 55
Carroll, Joan F., 10
Carter, Bobby R., 47
Carter, Robert, 55
Chaitin, Michael H., 3
Chuang, Samuel S., 21
Clark, Abbot F., 21
Clarke, Howard F., 41
Clearfield, Michael B., 42
Coggin, Claudia S., 53
Coleridge, Samuel T., 41
Collier, Robert J., 3
Conner, Barry P., 22
Crawford, Matt J., 55
- Das, Hriday K., 29
de Fiebre, Christopher M., 29
de Fiebre, Nancyellen C., 29
DeSantis, Louis M., 30
Dibas, Adnan I., 30
Dibas, Mohammed I., 56
Dickerman, Rob D., 56
- Dillon, Glenn H., 31
Dimitrijevič, S. Dan, 23
Dory, Ladislav, 23
Downey, H. Fred, 11
- Easom, Richard A., 23
Eisenberg, Arthur J., 49
Elam, Craig S., 47
England, Sondra L., 12
- Fadel, Paul J., 56
Fairchild, Thomas J., 53
Farias, Martin, 56
Foresman, Brian H., 43
Forman, Mitchell D., 43
Formes, Kevin J., 57
Forster, Michael J., 31
Franks, Susan F., 49
Fu, Min, 12
- Gallagher, Kevin M., 57
Gamber, Russell G., 47
Garner, Margaret H., 4
Gatch, Michael B., 32
Gill, Paramjit K., 57
Godwin, Karen S., 43
Goldfarb, Ronald H., 23
Gracy, Robert W., 24
Grant, Stephen R., 12
Griffin, Suzy A., 33
Gwartz, Patricia A., 12
- Hall, James R., 49
Harris, Ben G., 24
Hart, Bradley J., 58
Hart, Christian L., 33
Helduser, Janet Wiegman, 53
Herron, Katie M., 53
Hodge, Lisa M., 58
Huang, Ren- Qi, 33
- Jackson, Keith E., 58
Johnson, Larry, 41
Johnson, Lynn F., 47
Jones, Harlan P., 58
Jordan, William M., 43
Jung, Marianna E., 33
- Kaman, Robert L., 49

King, George R., 33
Kitson, Richard P., 24
Kline, Geoffrey P., 59
Knebl, Janice A., 44
Krishnamoorthy, Raghu R., 4
Kudchodkar, Bhalchandra J., 25
Kulkarni, Gopal, 25
Kumaresan, Pappa R., 25
Kumari, Sunitha R., 25

Lacko, Andras G., 25
Lal, Harbans, 34
Lambert, Wendi, 59
Lanphear, Joel H., 48
Lawrence, Michael C., 59
Licciardone, John C., 53
Liu, Jing Jing, 4
Liu, Xiaochun, 59
Luedtke, Robert R., 34
Lurie, Sue G., 48

Mains, Douglas A., 54
Mallet, Robert T., 12
Marino, Gregory G., 44
Martin, Dohn, 48
Martin, Michael W., 35
Mathew, Porunelloor A., 26
Matthews, G. Philip, 5
Matthews, Jonathan, 60
Maxwell, Shane, 65
McCartney, Mitchell D., 5
McConathy, Walter J., 44
McDonald, Shelley R., 60
McGill, Jerry C., 49
McIntosh, William E., 44
Mendoza-Alvarez, Hilda, 26
Mishalanie, Jason F., 35
Morris, Paul, 35
Morrow, Jay, 41
Muenter, Nicolette K., 60
Murray, Karen R., 60

Nair, Maya P., 26
Nelson, Tammy H., 5

Oakford, Lawrence X., 6
Oglesby, Michael W., 36
Ogoh, Shigehiko, 13
Olivencia-Yurvati, Albert H., 50
Ong, Marcia D., 60
Orr, Edward L., 6

Pagels, Patti, 41
Pang, Iok-Hou, 36
Papa, Frank J., 48
Pastorcic, Martine, 36

Payne, D. Michael, 6
Pearson, Harris F., 50
Pertusi, Raymond M., 45
Prasanna, Ganesh, 36
Prather, Irvine D., 42

Querry, Ross G., 60
Quist, Eugene E., 37

Raines, Jack W., 48
Rao, Jagannatha G. S., 27
Raven, Peter B., 13
Reese, I. Philip, 45
Reeves, Rusty E., 6
Romeo, Tony, 27
Roque, Rouel S., 6
Rubin, Bernard R., 45
Rudick, Victoria L., 7
Russo, David P., 61

Schaller, Frederick A., 45
Setty, Srinath, 61
Seymour, Paul M., 37
Sharif, Naj A., 37
Sheedlo, Harold J., 7
Shi, Xiangrong, 15
Shirley, J. Storm, 61
Shores, Jay H., 48
Simecka, Jerry W., 27
Singh, Inderpal, 27
Siu, Jeffrey C., 61
Slocum, Philip C., 46
Smith, Adam B., 50
Smith, Gregory H., 51
Smith, Michael L., 15
Smith, Scott A., 62
Sohal, Raj S., 38
Song, Yiqiang, 62
Spellman, Craig W., 46
Spies, Laura, 65
Stanfill, Amber, 62
Stockard, Alan R., 42
Stuewe, Steven R., 63
Sun, Jie, 16
Swift, Jon, Jr., 65

Talent, John M., 27
Tatarko, Matthew, 28
Tejero-DelRio, M. Isabel, 63
Trevino, Fernando M., 54
Turner, James E., 7

Ushakov, Dmitriy S., 63

Valencia, Thomas G., 16
Vasan, Ranga, 38

Wallis, Cleatus J., 39
Wasmund, Stephen L., 63
Wasmund, Wendy L., 16
Watenpaugh, Donald E., 17
Weis, Stephen E., 46
Welch-O'Connor, Rita M., 17
Westbrook, Marla, 28
Williams, Arthur G., Jr, 18
Williams, Maurice A., 64
Williams, Michael B., 64
Wordinger, Robert J., 8

Wray, David W., 64

Xue, Yaming, 28

Yagle, Monica, 65
Yi, Kun D., 65
Yorio, Thomas, 39
Yoshishige, Darice A., 18

Zachariah, N. Y., 28
Zeng, Hong, 65