

Stanford



Francis Blankenberg

Associate Professor of Radiology (Pediatric Radiology) and, by courtesy, of Pediatrics
Radiology - Pediatric Radiology

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Bio

CLINICAL FOCUS

- Radiology
- Radiology, Pediatric
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ACADEMIC APPOINTMENTS

- Associate Professor, Radiology - Pediatric Radiology
- Associate Professor (By courtesy), Pediatrics
- Member, Cardiovascular Institute
- Member, Stanford Cancer Institute

PROFESSIONAL EDUCATION

- Internship: Stanford University Dept of General Surgery (1987) CA
- Residency: Stanford University Radiology Residency (1991) CA
- Medical Education: UCLA David Geffen School Of Medicine Registrar (1986) CA
- Fellowship: Lucile Packard Childrens Hospital Pediatric Radiology Fellowship (1992) CA
- Fellowship: UCSF Medical Center (1993) CA
- Board Certification: Diagnostic Radiology, American Board of Radiology (1992)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Studies on apoptotic cell death using the H MRS phenomenon.

Publications

PUBLICATIONS

- **Molecular Imaging of Apoptosis in Atherosclerosis by Targeting CellMembrane Phospholipid Asymmetry.** *Journal of the American College of Cardiology*
Chaudhry, F., Kawai, H., Johnson, K. W., Narula, N., Shekhar, A., Chaudhry, F., Nakahara, T., Tanimoto, T., Kim, D., Adapoe, M. K., Blankenberg, F. G., Mattis, J. A., Pak, et al
2020; 76 (16): 1862–74
- **Deep-learning-assisted diagnosis for knee magnetic resonance imaging: Development and retrospective validation of MRNet** *PLOS MEDICINE*
Bien, N., Rajpurkar, P., Ball, R. L., Irvin, J., Park, A., Jones, E., Bereket, M., Patel, B. N., Yeom, K. W., Shpanskaya, K., Halabi, S., Zucker, E., Fanton, et al
2018; 15 (11)
- **Deep learning for chest radiograph diagnosis: A retrospective comparison of the CheXNeXt algorithm to practicing radiologists.** *PLoS medicine*
Rajpurkar, P., Irvin, J., Ball, R. L., Zhu, K., Yang, B., Mehta, H., Duan, T., Ding, D., Bagul, A., Langlotz, C. P., Patel, B. N., Yeom, K. W., Shpanskaya, et al
2018; 15 (11): e1002686
- **Molecular Imaging of Apoptosis in IschemiaReperfusion Injury With RadiolabeledDuramycin Targeting Phosphatidylethanolamine: Effective Target Uptake and Reduced Nontarget Organ Radiation Burden.** *JACC. Cardiovascular imaging*
Kawai, H., Chaudhry, F., Shekhar, A., Petrov, A., Nakahara, T., Tanimoto, T., Kim, D., Chen, J., Lebeche, D., Blankenberg, F. G., Pak, K. Y., Kolodgie, F. D., Virmani, et al
2018
- **Preparation of Tc99m-Labeled Pseudomonas Bacteriophage without Adversely Impacting Infectivity or Biodistribution** *BIOCONJUGATE CHEMISTRY*
Holman, D., Lungren, M. P., Hardy, J., Contag, C., Blankenberg, F.
2017; 28 (11): 2698–2706
- **Cardioprotective Effects of HSP72 Administration on Ischemia- Reperfusion Injury** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Tanimoto, T., Parseghian, M. H., Nakahara, T., Kawai, H., Narula, N., Kim, D., Nishimura, R., Weisbart, R. H., Chan, G., Richieri, R. A., Haider, N., Chaudhry, F., Reynolds, et al
2017; 70 (12): 1479–92
- **Cardioprotective effects of HSP72 administration on ischemiareperfusion injury**
Nakahara, T., Tanimoto, T., Parseghian, M., Kawai, H., Narula, N., Kim, D., Nishimura, R., Chan, G., Richieri, R., Haider, N., Reynolds, G., Billimek, J., Blankenberg, et al
SOC NUCLEAR MEDICINE INC.2017
- **Targeted scVEGF/Lu-177 radiopharmaceutical inhibits growth of metastases and can be effectively combined with chemotherapy** *EJNMMI RESEARCH*
Ruszkowski, M., Wang, Y., Blankenberg, F. G., Levashova, Z., Backer, M. V., Backer, J. M.
2016; 6
- **Tc-99m-Annexin A5 quantification of apoptotic tumor response: a systematic review and meta-analysis of clinical imaging trials** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING*
Belhocine, T. Z., Blankenberg, F. G., Kartachova, M. S., Stitt, L. W., Vanderheyden, J., Hoebbers, F. J., Van de Wiele, C.
2015; 42 (13): 2083-2097
- **[Tc-99m]Annexin V-128 SPECT Monitoring of Splenic and Disseminated Listeriosis in Mice: a Model of Imaging Sepsis** *MOLECULAR IMAGING AND BIOLOGY*
Hardy, J. W., Levashova, Z., Schmidt, T. L., Contag, C. H., Blankenberg, F. G.
2015; 17 (3): 345-354
- **Annexin V blockade of the immunosuppressive effects of phosphatidylserine in 4T1 murine mammary tumors**
Blankenberg, F., Contag, C., Hardy, J.
SOC NUCLEAR MEDICINE INC.2015
- **Correlation of HMPAO uptake with live single cell synchrotron mid-Infrared spectromicroscopy in inherited mitochondrial disease**
Holman, E., Chen, L., Holman, H., Enns, G., Blankenberg, F.
SOC NUCLEAR MEDICINE INC.2015
- **Enhanced Caspase Activity Contributes to Aortic Wall Remodeling and Early Aneurysm Development in a Murine Model of Marfan Syndrome** *ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY*

Emrich, F. C., Okamura, H., Dalal, A. R., Penov, K., Merk, D. R., Raaz, U., Hennigs, J. K., Chin, J. T., Miller, M. O., Pedroza, A. J., Craig, J. K., Koyano, T. K., Blankenberg, et al
2015; 35 (1): 146-154

- **Tc99m-annexin V-128 SPECT imaging of listeriosis in mice**
Hardy, J., Levashova, Z., Schmidt, T., Contag, C., Blankenberg, F.
SOC NUCLEAR MEDICINE INC.2014
- **HMPAO uptake assay with t-BHP or irradiation of primary patient SURF-1 fibroblast cultures**
Holman, E., Enns, G., Blankenberg, F.
SOC NUCLEAR MEDICINE INC.2014
- **Monitoring mitochondrial disease related nephropathy and subclinical redox stress of the brain in the kd/kd murine model**
Blankenberg, F., Enns, G.
SOC NUCLEAR MEDICINE INC.2014
- **Ferumoxytol enhanced resting state fMRI and relative cerebral blood volume mapping in normal human brain.** *NeuroImage*
D'Arceuil, H., Coimbra, A., Triano, P., Dougherty, M., Mello, J., Moseley, M., Glover, G., Lansberg, M., Blankenberg, F.
2013; 83: 200-209
- **Apoptosis Participates in Early Aneurysm Development via ECM Remodeling in Marfan Syndrome**
Emrich, F. C., Okamura, H., Dalal, A. R., Merk, D. R., Raaz, U., Hennigs, J. K., Chin, J. T., Miller, M. O., Blankenberg, F. G., Connolly, A. J., Alvira, C. M., Mohr, F. W., Robbins, et al
LIPPINCOTT WILLIAMS & WILKINS.2013
- **Attenuation of Apoptosis by Telmisartan in Atherosclerotic Plaques of Apolipoprotein E-/- Mice: Evaluation Using Technetium 99m-Annexin A5 MOLECULAR IMAGING**
Zhao, Y., Zhao, S., Kuge, Y., Strauss, H. W., Blankenberg, F. G., Tamaki, N.
2013; 12 (5): 300-309
- **Recent Advances in the Molecular Imaging of Programmed Cell Death: Part II-Non-Probe-Based MRI, Ultrasound, and Optical Clinical Imaging Techniques** *JOURNAL OF NUCLEAR MEDICINE*
Blankenberg, F. G., Strauss, H. W.
2013; 54 (1): 1-4
- **Synchrotron infrared imaging of advanced glycation endproducts (AGEs) in cardiac tissue from mice fed high glycemic diets** *BIOMEDICAL SPECTROSCOPY AND IMAGING*
Birarda, G., Holman, E. A., Fu, S., Weikel, K., Hu, P., Blankenberg, F. G., Holman, H., Taylor, A.
2013; 2 (4): 301-15
- **Brain uptake of Tc99m-HMPAO correlates with clinical response to the novel redox modulating agent EPI-743 in patients with mitochondrial disease** *MOLECULAR GENETICS AND METABOLISM*
Blankenberg, F. G., Kinsman, S. L., Cohen, B. H., Goris, M. L., Spicer, K. M., Perlman, S. L., Krane, E. J., Kheifets, V., Thoolen, M., Miller, G., Enns, G. M.
2012; 107 (4): 690-699
- **Recent Advances in the Molecular Imaging of Programmed Cell Death: Part I-Pathophysiology and Radiotracers** *JOURNAL OF NUCLEAR MEDICINE*
Blankenberg, F. G., Strauss, H. W.
2012; 53 (11): 1659-1662
- **Quantitative Determination of Apoptosis of Pancreatic beta-Cells in a Murine Model of Type 1 Diabetes Mellitus** *JOURNAL OF NUCLEAR MEDICINE*
Watanabe, A., Nishijima, K., Zhao, S., Zhao, Y., Tanaka, Y., Takemoto, H., Strauss, H. W., Blankenberg, F. G., Tamaki, N., Kuge, Y.
2012; 53 (10): 1585-1591
- **99mTc AnnexinV-128 for in vivo diagnosis of experimental collagen induced arthritis**
Muzio, V., Fortunato, M., Filannino, A., Ardisson, V., Levashova, Z., Blankenberg, F.
SOC NUCLEAR MEDICINE INC.2012
- **Initial experience in the treatment of inherited mitochondrial disease with EPI-743** *MOLECULAR GENETICS AND METABOLISM*
Enns, G. M., Kinsman, S. L., Perlman, S. L., Spicer, K. M., Abdenur, J. E., Cohen, B. H., Amagata, A., Barnes, A., Kheifets, V., Shrader, W. D., Thoolen, M., Blankenberg, F., Miller, et al
2012; 105 (1): 91-102

- **Targeted Systemic Radiotherapy with scVEGF/Lu-177 Leads to Sustained Disruption of the Tumor Vasculature and Intratumoral Apoptosis** *JOURNAL OF NUCLEAR MEDICINE*
Blankenberg, F. G., Levashova, Z., Goris, M. G., Hamby, C. V., Backer, M. V., Backer, J. M.
2011; 52 (10): 1630-1637
- **Multimodality Molecular Imaging of Apoptosis in Oncology** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Blankenberg, F. G., Norfray, J. F.
2011; 197 (2): 308-317
- **Localization of Deoxyglucose and Annexin A5 in Experimental Atheroma Correlates with Macrophage Infiltration but not Lipid Deposition in the Lesion** *MOLECULAR IMAGING AND BIOLOGY*
Zhao, Y., Zhao, S., Kuge, Y., Strauss, W. H., Blankenberg, F. G., Tamaki, N.
2011; 13 (4): 712-720
- **Mid-Infrared Reflectivity of Mouse Atheromas: A Case Study** *BIOMEDICAL APPLICATIONS OF SYNCHROTRON INFRARED MICROSPECTROSCOPY*
Holman, H. N., Blankenberg, F. G., Moss, D.
2011: 351-68
- **Mechanisms behind Local Immunosuppression Using Inhaled Tacrolimus in Preclinical Models of Lung Transplantation** *AMERICAN JOURNAL OF RESPIRATORY CELL AND MOLECULAR BIOLOGY*
Deuse, T., Blankenberg, F., Haddad, M., Reichenspurner, H., Phillips, N., Robbins, R. C., Schrepfer, S.
2010; 43 (4): 403-412
- **Characterization of a Recombinant Form of Annexin VI for Detection of Apoptosis** *BIOCONJUGATE CHEMISTRY*
Smith, C., Mehta, R., Gibson, D. F., Levashova, Z., Blankenberg, F. G., Tait, J. F.
2010; 21 (8): 1554-1558
- **Molecular Imaging of Changes in the Prevalence of Vascular Endothelial Growth Factor Receptor in Sunitinib-Treated Murine Mammary Tumors** *JOURNAL OF NUCLEAR MEDICINE*
Levashova, Z., Backer, M., Hamby, C. V., Pizzonia, J., Backer, J. M., Blankenberg, F. G.
2010; 51 (6): 959-966
- **Annexin A5 Uptake in Ischemic Myocardium: Demonstration of Reversible Phosphatidylserine Externalization and Feasibility of Radionuclide Imaging** *JOURNAL OF NUCLEAR MEDICINE*
Kenis, H., Zandbergen, H. R., Hofstra, L., Petrov, A. D., Dumont, E. A., Blankenberg, F. D., Haider, N., Bitsch, N., Gijbels, M., Verjans, J. W., Narula, N., Narula, J., Reutelingsperger, et al
2010; 51 (2): 259-267
- **Noninvasive assessment of tumor VEGF receptors in response to treatment with Pazopanib: A molecular imaging study** *TRANSLATIONAL ONCOLOGY*
Blankenberg, F. G., Levashova, Z., Sarkar, S. K., Pizzonia, J., Backer, M. V., Backer, J. M.
2010; 3 (1): 56-64
- **Molecular Imaging of Atherosclerotic Plaque Vulnerability: Comparison between F-18-FDG and Tc-99m-Annexin A5** *MOLECULAR IMAGING FOR INTEGRATED MEDICAL THERAPY AND DRUG DEVELOPMENT*
Zhao, Y., Kuge, Y., Zhao, S., Strauss, H., Blankenberg, F. G., Tamaki, N., Tamaki, N., Kuge, Y.
2010: 69-77
- **Imaging Vascular Endothelial Growth Factor (VEGF) Receptors in Turpentine-Induced Sterile Thigh Abscesses with Radiolabeled Single-Chain VEGF** *JOURNAL OF NUCLEAR MEDICINE*
Levashova, Z., Backer, M., Backer, J. M., Blankenberg, F. G.
2009; 50 (12): 2058-2063
- **Apoptosis Imaging: Anti-Cancer Agents in Medicinal Chemistry** *ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY*
Blankenberg, F. G.
2009; 9 (9): 944-951
- **Analysis of In Situ and Ex Vivo Vascular Endothelial Growth Factor Receptor Expression During Experimental Aortic Aneurysm Progression** *ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY*
Tedesco, M. M., Terashima, M., Blankenberg, F. G., Levashova, Z., Spin, J. M., Backer, M. V., Backer, J. M., Sho, M., Sho, E., McConnell, M. V., Dalman, R. L.
2009; 29 (10): 1452-?

- **Imaging the molecular signatures of apoptosis and injury with radiolabeled annexin V.** *Proceedings of the American Thoracic Society*
Blankenberg, F. G.
2009; 6 (5): 469-476
- **18F-FDG and 99mTc-annexin A5 preferentially accumulate into unstable plaque in relation to macrophages infiltration but not lipid deposition: Histological basis of nuclear imaging on unstable plaques**
Zhao, Y., Kuge, Y., Zhao, S., Strauss, H. W., Blankenberg, F. G., Tamaki, N.
OXFORD UNIV PRESS.2009: S74-S74
- **Selective localization of annexin V within depolarized skeletal muscle**
Blankenberg, F., Levashova, Z., Tait, J.
SOC NUCLEAR MEDICINE INC.2009
- **Fluorescent tomographic imaging subacute and chronic sterile abscesses using scVEGF/Cy5.5**
Blankenberg, F., Levashova, Z., Backer, M., Backer, J.
SOC NUCLEAR MEDICINE INC.2009
- **Tc99m-scVEGF SPECT imaging of anti-angiogenic therapy with Sutent**
Levashova, Z., Blankenberg, F., Backer, M., Backer, J.
SOC NUCLEAR MEDICINE INC.2009
- **SPECT and PET Imaging of EGF Receptors with Site-Specifically Labeled EGF and Dimeric EGF** *BIOCONJUGATE CHEMISTRY*
Levashova, Z., Backer, M. V., Horng, G., Felsher, D., Backer, J. M., Blankenberg, F. G.
2009; 20 (4): 742-749
- **The Use of Tc-99m-Recombinant Human Annexin V Imaging for Differential Diagnosis of Aseptic Loosening and Low-Grade Infection in Hip and Knee Prostheses** *JOURNAL OF NUCLEAR MEDICINE*
Lorberboym, M., Feldbrin, Z., Hendel, D., Blankenberg, F. G., Schachter, P.
2009; 50 (4): 534-37
- **Macrophage Infiltration and Apoptosis can be Imaged Utilizing F-18-fdg and Tc-99m-annexin A5: Potential Indicators of Plaque Vulnerability** *81st Annual Scientific Session of the American-Heart-Association*
Zhao, Y., Kuge, Y., Zhao, S., Strauss, H. W., Blankenberg, F. G., Tamaki, N.
LIPPINCOTT WILLIAMS & WILKINS.2008: S1002-S1002
- **Monitoring of Treatment-Induced Apoptosis in Oncology with PET and SPECT** *CURRENT PHARMACEUTICAL DESIGN*
Blankenberg, F. G.
2008; 14 (28): 2974-2982
- **Prolonged High-Fat Feeding Enhances Aortic F-18-FDG and Tc-99m-Annexin A5 Uptake in Apolipoprotein E-Deficient and Wild-Type C57BL/6J Mice** *JOURNAL OF NUCLEAR MEDICINE*
Zhao, Y., Kuge, Y., Zhao, S., Strauss, H. W., Blankenberg, F. G., Tamaki, N.
2008; 49 (10): 1707-1714
- **In vivo imaging of apoptosis** *CANCER BIOLOGY & THERAPY*
Blankenberg, F. G.
2008; 7 (10): 1525-1532
- **In vivo detection of apoptosis** *JOURNAL OF NUCLEAR MEDICINE*
Blankenberg, F. G.
2008; 49: 81S-95S
- **Mid-infrared reflectivity of experimental atheromas** *JOURNAL OF BIOMEDICAL OPTICS*
Holman, H. N., Bjornstad, K. A., Martin, M. C., McKinney, W. R., Blakely, E. A., Blankenberg, F. G.
2008; 13 (3)
- **Direct site-specific labeling of the cys-tag moiety in scVEGF with technetium 99m** *BIOCONJUGATE CHEMISTRY*
Levashova, Z., Backer, M., Backer, J. M., Blankenberg, F. G.
2008; 19 (5): 1049-1054

- **Translational imaging: imaging of apoptosis.** *Handbook of experimental pharmacology*
Strauss, H. W., Blankenberg, F., Vanderheyden, J., Tait, J.
2008; 259-275
- **Cysteine-containing fusion tag for site-specific conjugation of therapeutic and imaging agents to targeting proteins.** *Methods in molecular biology (Clifton, N.J.)*
Backer, M. V., Levashova, Z., Levenson, R., Blankenberg, F. G., Backer, J. M.
2008; 494: 275-294
- **Radiolabeled monocyte chemotactic protein I for the detection of inflammation in experimental atherosclerosis** *JOURNAL OF NUCLEAR MEDICINE*
Hartung, D., Petrov, A., Haider, N., Fujimoto, S., Blankenberg, F., Fujimoto, A., Virmani, R., Kolodgie, F. D., Strauss, H. W., Narula, J.
2007; 48 (11): 1816-1821
- **Comparison of Tc-99m-annexin A5 with F-18-FDG for the detection of atherosclerosis in ApoE-/- mice** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING*
Zhao, Y., Kuge, Y., Zhao, S., Morita, K., Inubushi, M., Strauss, H. W., Blankenberg, F. G., Tamaki, N.
2007; 34 (11): 1747-1755
- **Monitoring the protective effects of minocycline treatment with radiolabeled annexin v in an experimental model of focal cerebral ischemia** *JOURNAL OF NUCLEAR MEDICINE*
Tang, M. N., Wang, Q., Koikel, M. A., Cheng, D., Goris, M. L., Blankenberg, F. G., Yenari, M. A.
2007; 48 (11): 1822-1828
- **Imaging of vasa vasorum in atherosclerotic plaque with Tc-99m-labeled single chain-VEGF**
Ohshima, S., Fujimoto, S., Tsimikas, S., Kolodgie, F. D., Virmani, R., Levashova, Z., Backer, J. M., Blankenberg, F. G., Petrov, A., Narula, J.
LIPPINCOTT WILLIAMS & WILKINS.2007: 230
- **Nuclear medicine applications in molecular imaging: 2007 update** *QUARTERLY JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING*
Blankenberg, F. G., Strauss, H. W.
2007; 51 (2): 99-110
- **Tc-99m-Annexin A5 for noninvasive characterization of atherosclerotic lesions: imaging and histological studies in myocardial infarction-prone Watanabe heritable hyperlipidemic rabbits** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING*
Ishino, S., Kuge, Y., Takai, N., Tamaki, N., Strauss, H. W., Blankenberg, F. G., Shiomi, M., Saji, H.
2007; 34 (6): 889-899
- **Variable growth rates and diameter-dependent expression of vascular endothelial growth factor receptors in experimental abdominal aortic aneurysms** *8th Annual Conference on Arteriosclerosis, Thrombosis, and Vascular Biology*
Tedesco, M. M., Terashima, M., Blankenberg, F. G., Levashova, Z., Backer, M., Backer, J., Sho, E., Sho, E., McConnell, M. V., Dalman, R. L.
LIPPINCOTT WILLIAMS & WILKINS.2007: E37-E38
- **Molecular imaging of VEGF receptors in angiogenic vasculature with single-chain VEGF-based probes** *NATURE MEDICINE*
Backer, M. V., Levashova, Z., Patel, V., Jehning, B. T., Claffey, K., Blankenberg, F. G., Backer, J. M.
2007; 13 (4): 504-509
- **Improved detection of cell death in vivo with annexin V radiolabeled by site-specific methods** *JOURNAL OF NUCLEAR MEDICINE*
Tait, J. F., Smith, C., Levashova, Z., Patel, B., Blankenberg, F. G., Vanderheyden, J.
2006; 47 (9): 1546-1553
- **In vivo imaging of apoptosis in patients with acute stroke: Correlation with blood-brain barrier permeability** *BRAIN RESEARCH*
Lorberboym, M., Blankenberg, F. G., Sadeh, M., Lampl, Y.
2006; 1103: 13-19
- **In vivo tumor angiogenesis imaging with site-specific labeled Tc-99m-HYNIC-VEGF** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING*
Blankenberg, F. G., Backer, M. V., Levashova, Z., Patel, V., Backer, J. M.
2006; 33 (7): 841-848
- **Tc-99m-HYNIC-annexin VSPECT imaging of acute stroke and its response to neuroprotective therapy with anti-Fas ligand antibody** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING*
Blankenberg, F. G., Kalinyak, J., Liu, L. P., Koike, M., Cheng, D. Y., Goris, M. L., Green, A., Vanderheyden, J. L., Tong, D. C., Yenari, M. A.

2006; 33 (5): 566-574

- **Imaging apoptosis by Tc-99m-labeled annexin V spect after stroke** *31st International Stroke Conference*
Tang, X. N., Blankenberg, F., Cheng, D. Y., Yenari, M. A.
LIPPINCOTT WILLIAMS & WILKINS.2006: 645-45
- **Radiolabeling of HYNIC-annexin V with technetium-99m for in vivo imaging of apoptosis** *NATURE PROTOCOLS*
Blankenberg, F. G., Vanderheyden, J., Strauss, H. W., Tait, J. F.
2006; 1 (1): 108-110
- **The Imaging of Apoptosis with the Radiolabelled Annexin A5: A New Tool in Translational Research** *CURRENT CLINICAL PHARMACOLOGY*
Belhocine, T. Z., Blankenberg, F. G.
2006; 1 (2): 129-37
- **Structural requirements for in vivo detection of cell death with Tc-99m-annexin V** *JOURNAL OF NUCLEAR MEDICINE*
Tait, J. F., Smith, C., Blankenberg, F. G.
2005; 46 (5): 807-815
- **Enhanced apoptotic reaction correlates with suppressed tumor glucose utilization after cytotoxic chemotherapy: Use of Tc-99m-annexin V, F-18-FDG, and histologic evaluation** *JOURNAL OF NUCLEAR MEDICINE*
Takei, T., Kuge, Y., Zhao, S., Sato, M., Strauss, H. W., Blankenberg, F. G., Tait, J. F., Tamaki, N.
2005; 46 (5): 794-799
- **Only the CD62L(+) subpopulation of CD4(+)CD25(+) regulatory T cells protects from lethal acute GVHD** *BLOOD*
Ermann, J., Hoffmann, P., Edinger, M., Dutt, S., Blankenberg, F. G., Higgins, J. P., Negrin, R. S., Fathman, C. G., Strober, S.
2005; 105 (5): 2220-2226
- **Time course of apoptotic tumor response after a single dose of chemotherapy: Comparison with Tc-99m-annexin V uptake and histologic findings in an experimental model** *JOURNAL OF NUCLEAR MEDICINE*
Takei, T., Kuge, Y. J., Zhao, S. J., Sato, M., Strauss, H. W., Blankenberg, F. G., Tait, J. F., Tamaki, N.
2004; 45 (12): 2083-2087
- **Tumor imaging using a standardized radiolabeled adapter protein docked to vascular endothelial growth factor** *JOURNAL OF NUCLEAR MEDICINE*
Blankenberg, F. G., Mandl, S., Cao, Y. A., O'Connell-Rodwell, C., Contag, C., Mari, C., Gaynutdinov, T. I., Vanderheyden, J. L., Backer, M. V., Backer, J. M.
2004; 45 (8): 1373-1380
- **Molecular imaging with single photon emission computed tomography - How new tracers can be employed in the nuclear medicine clinic** *IEEE ENGINEERING IN MEDICINE AND BIOLOGY MAGAZINE*
Blankenberg, F. G.
2004; 23 (4): 51-57
- **Apoptosis in a rodent model of cranial suture fusion: In situ imaging and gene expression analysis** *PLASTIC AND RECONSTRUCTIVE SURGERY*
Fong, K. D., Song, H. M., Nacamuli, R. P., Franc, B. L., Mari, C., Fang, T. D., Warren, S. M., Contag, C. H., Blankenberg, F. G., Longaker, M. T.
2004; 113 (7): 2037-2047
- **Detection of focal hypoxic-ischemic injury and neuronal stress in a rodent model of unilateral MCA occlusion/reperfusion using radiolabeled annexin V** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING*
Mari, C., Karabiyikoglu, M., Goris, M. L., Tait, J. F., Yenari, M. A., Blankenberg, F. G.
2004; 31 (5): 733-739
- **Nuclear medicine in the era of genomics and proteomics: Lessons from annexin V** *JOURNAL OF PROTEOME RESEARCH*
Belhocine, T. Z., Tait, J. F., Vanderheyden, J. L., Li, C., Blankenberg, F. G.
2004; 3 (3): 345-49
- **Feasibility of Tc-99m-annexin V for repetitive detection of apoptotic tumor response to chemotherapy: An experimental study using a rat tumor model** *JOURNAL OF NUCLEAR MEDICINE*
Kuge, Y., Sato, M., Zhao, S. J., Takei, T., Nakada, K., Seki, K., Strauss, H. W., Blankenberg, F. G., Tait, J. F., Tamaki, N.
2004; 45 (2): 309-312
- **The Imaging of apoptosis with the radiolabeled annexin V: Optimal timing for clinical feasibility** *TECHNOLOGY IN CANCER RESEARCH & TREATMENT*
Belhocine, T., Steinmetz, N., Li, C., Green, A., Blankenberg, F. G.

2004; 3 (1): 23-32

- **Multi-modality imaging identifies key times for annexin V imaging as an early predictor of therapeutic outcome.** *Molecular imaging*
Mandl, S. J., Mari, C., Edinger, M., Negrin, R. S., Tait, J. F., Contag, C. H., Blankenberg, F. G.
2004; 3 (1): 1-8
- **Time course of apoptotic tumor response using Tc-99m-Annexin V following a single dose of chemotherapy: comparison with immunohistological findings in an experimental animal model** *International Symposium for PET and Molecular Imaging*
Takei, T., Kuge, Y., Zhao, S., Mochizuki, T., Strauss, H. W., Blankenberg, F., Tait, J. F., Tamaki, N.
ELSEVIER SCIENCE BV.2004: 249-252
- **Recent advances in the imaging of programmed cell death** *CURRENT PHARMACEUTICAL DESIGN*
Blankenberg, F. G.
2004; 10 (13): 1457-1467
- **Imaging cell death in vivo** *QUARTERLY JOURNAL OF NUCLEAR MEDICINE*
Blankenberg, F., Mari, C., Strauss, H. W.
2003; 47 (4): 337-348
- **Molecular imaging: the latest generation of contrast agents and tissue characterization techniques** *JOURNAL OF CELLULAR BIOCHEMISTRY*
Blankenberg, F. G.
2003; 90 (3): 443-453
- **Bcl-2-mediated inhibition of apoptosis in rat cardiac allografts worsens development of graft coronary artery disease** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Kown, M. H., Miniati, D. N., Jahncke, C. L., Lijkwan, M. A., Murata, S., Koransky, M. L., Blankenberg, F. G., Strauss, H. W., Robbins, R. C.
2003; 22 (9): 986-992
- **Murine cranial suture fusion and patency: microarray analysis and functional validation** *89th Annual Clinical Congress of the American-College-of-Surgeons*
Fong, K. D., Nacamuli, R., Song, M., Lenton, K., Fang, T., Frank, B., Warren, S., Blankenberg, F., Longaker, M.
ELSEVIER SCIENCE INC.2003: S57-S58
- **Composite spirometric-computed tomography outcome measure in early cystic fibrosis lung disease** *AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE*
Robinson, T. E., Leung, A. N., Northway, W. H., Blankenberg, F. G., Chan, F. P., Bloch, D. A., Holmes, T. H., Moss, R. B.
2003; 168 (5): 588-593
- **An automated approach to quantitative air trapping measurements in mild cystic fibrosis** *CHEST*
Goris, M. L., Zhu, H. Y., Blankenberg, F., Chan, F., Robinson, T. E.
2003; 123 (5): 1655-1663
- **Application of dedicated small animal SPECT: Radiolabeled annexin V tomographic imaging of ischemic reperfusion injury in the rat brain.** *50th Annual Meeting of the Society-of-Nuclear-Medicine*
Mari, C., Yenari, M., Tait, J. F., Zhu, J. H., Goris, M. L., Blankenberg, F. G.
SOC NUCLEAR MEDICINE INC.2003: 215P-215P
- **Tc-99m-Hynic-annexin V imaging to evaluate inflammation and apoptosis in rats with autoimmune myocarditis** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING*
Tokita, N., Hasegawa, S., Maruyama, K., Izumi, T., Blankenberg, F. G., Tait, J. F., Strauss, H. W., Nishimura, T.
2003; 30 (2): 232-238
- **Detection of apoptotic tumor response in vivo after a single dose of chemotherapy with Tc-99m-annexin V** *JOURNAL OF NUCLEAR MEDICINE*
Mochizuki, T., Kuge, Y., Zhao, S. J., Tsukamoto, E., Hosokawa, M., Strauss, H. W., Blankenberg, F. G., Tait, J. F., Tamaki, N.
2003; 44 (1): 92-97
- **Donor cardiac allografts from p53 knockout mice exhibit apoptosis-independent prolongation of survival** *TRANSPLANTATION PROCEEDINGS*
Kown, M. H., Murata, S., Jahncke, C. L., Mari, C., Berry, G. J., Lijkwan, M. A., Blankenberg, F. G., Strauss, H. W., Robbins, R. C.
2002; 34 (8): 3274-3276
- **Imaging cell death with radiolabeled annexin V in an experimental model of rheumatoid arthritis** *JOURNAL OF NUCLEAR MEDICINE*
Post, A. M., Katsikis, P. D., Tait, J. F., Geaghan, S. M., Strauss, H. W., Blankenberg, F. G.

2002; 43 (10): 1359-1365

- **Nuclear medicine applications in molecular imaging** *JOURNAL OF MAGNETIC RESONANCE IMAGING*
Blankenberg, F. G., Strauss, H. W.
2002; 16 (4): 352-361
- **The use of (99m)Technetium-labeled MCP-1 to assess, graft coronary artery disease in rat cardiac allografts** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Kown, M. H., Jahncke, C. L., Lijkwan, M. A., Koransky, M. L., Mari, C., Berry, G. J., Blankenberg, F. G., Strauss, H. W., Robbins, R. C.
2002; 21 (9): 1009-1015
- **To scan or not to scan, it is a question of timing: Technetium-99M-annexin V radionuclide imaging assessment of treatment efficacy after one course of chemotherapy** *CLINICAL CANCER RESEARCH*
Blankenberg, F.
2002; 8 (9): 2757-58
- **Zinc chloride-mediated reduction of apoptosis as an adjunct immunosuppressive modality in cardiac transplantation** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*
Kown, M. H., van der Steenhoven, T. J., Jahncke, C. L., Mari, C., Lijkwan, M. A., Koransky, M. L., Blankenberg, F. G., Strauss, H. W., Robbins, R. C.
2002; 21 (3): 360-365
- **Development of radiocontrast agents for vascular imaging: progress to date.** *American journal of cardiovascular drugs*
Blankenberg, F. G., Mari, C., Strauss, H. W.
2002; 2 (6): 357-365
- **Detection of early atherosclerosis with radiolabeled monocyte chemoattractant protein-1 in prediabetic Zucker rats** *43rd Annual Meeting of the Society-for-Pediatric-Radiology*
Blankenberg, F. G., Wen, P. Z., Dai, M., Zhu, D. N., Panchal, S. N., Tait, J. F., Post, A. M., Strauss, H. W., Valantine, H. A.
SPRINGER.2001: 827-35
- **Annexin-V imaging for noninvasive detection of cardiac allograft rejection** *NATURE MEDICINE*
Narula, J., Acio, E. R., Narula, N., Samuels, L. E., Fyfe, B., Wood, D., Fitzpatrick, J. M., Raghunath, P. N., Tomaszewski, J. E., Kelly, C., Steinmetz, N., Green, A., Tait, et al
2001; 7 (12): 1347-1352
- **In vivo Imaging of acute cardiac rejection in human patients using (99m)Technetium labeled annexin V** *AMERICAN JOURNAL OF TRANSPLANTATION*
Kown, M. H., Strauss, H. W., Blankenberg, F. G., Berry, G. J., Stafford-Cecil, S., Tait, J. F., Goris, M. L., Robbins, R. C.
2001; 1 (3): 270-277
- **Imaging macrophages and the apoptosis of granulocytes in a rodent model of subacute and chronic abscesses with radiolabeled monocyte chemotactic peptide-1 and annexin V** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE*
Blankenberg, F. G., Tait, J. F., Blankenberg, T. A., Post, A. M., Strauss, H. W.
2001; 28 (9): 1384-1393
- **Apoptosis and allograft rejection in the absence of CD8(+) T cells** *TRANSPLANTATION*
Ogura, Y., Martinez, O. M., Villanueva, J. C., Tait, J. F., Strauss, H. W., Higgins, J. P., Tanaka, K., Esquivel, C. O., Blankenberg, F. G., Krams, S. M.
2001; 71 (12): 1827-1834
- **Detection of active atheroma in a rabbit model: Evaluation of 8 radiotracers.**
Mari, C., Nedelman, M., Blankenberg, F., Ghazarossian, V., Strauss, H. W.
SOC NUCLEAR MEDICINE INC.2001: 45P-45P
- **Spirometer-triggered high-resolution computed tomography and pulmonary function measurements during an acute exacerbation in patients with cystic fibrosis** *JOURNAL OF PEDIATRICS*
Robinson, T. E., Leung, A. N., Northway, W. H., Blankenberg, F. G., Bloch, D. A., Oehlert, J. W., Al-Dabbagh, H., Hubli, S., Moss, R. B.
2001; 138 (4): 553-559
- **Imaging cyclophosphamide-induced intramedullary apoptosis in rats using Tc-99m-radiolabeled annexin V** *JOURNAL OF NUCLEAR MEDICINE*
Blankenberg, F. G., Naumovski, L., Tait, J. F., Post, A. M., Strauss, H. W.
2001; 42 (2): 309-316

- **Will imaging of apoptosis play a role in clinical care? A tale of mice and men** *APOPTOSIS*
Blankenberg, F. G., Strauss, H. W.
2001; 6 (1-2): 117-123
- **Noninvasive strategies to image cardiovascular apoptosis.** *Cardiology clinics*
Blankenberg, F. G., Strauss, H. W.
2001; 19 (1): 165-?
- **TC99M MCP-1 imaging of chronic rejection in rat cardiac allografts.** *journal of heart and lung transplantation*
Kown, M. H., Blankenberg, F. G., Strauss, H. W., Hoyt, G. E., Robbins, R. C.
2001; 20 (2): 186-?
- **Zinc-mediated reduction of apoptosis in cardiac allografts** *CIRCULATION*
Kown, M. H., van der Steenhoven, T., Blankenberg, F. G., Hoyt, G., Berry, G. J., Tait, J. F., Strauss, H. W., Robbins, R. C.
2000; 102 (19): 228-232
- **Zinc-mediated reduction of apoptosis in cardiac allografts.** *Circulation*
Kown, M. H., van der Steenhoven, T., Blankenberg, F. G., Hoyt, G., Berry, G. J., Tait, J. F., Strauss, H. W., Robbins, R. C.
2000; 102 (19): III228-32
- **Tc-99m annexin V imaging of neonatal hypoxic brain injury** *STROKE*
D'Arceuil, H., Rhine, W., de Crespigny, A., Yenari, M., Tait, J. F., Strauss, W. H., Engelhorn, T., Kastrup, A., Moseley, M., Blankenberg, F. G.
2000; 31 (11): 2692-2699
- **Development and characterization of annexin V mutants with endogenous chelation sites for Tc-99m** *BIOCONJUGATE CHEMISTRY*
Tait, J. F., Brown, D. S., Gibson, D. F., Blankenberg, F. G., Strauss, H. W.
2000; 11 (6): 918-925
- **Phase-I (TC)-T-99m-Annexin-V imaging study in heart transplant rejection: Can noninvasive detection of apoptosis in cardiac allografts obviate the need for endomyocardial biopsy?**
Narula, J., Acio, E. R., Narula, N., Fyfe, B., Fitzpatrick, J. M., Wood, D., Raghunath, P. N., Kelly, C., Tomaszewski, J. E., Samuels, L. E., Blankenberg, F. D., Strauss, H. W.
LIPPINCOTT WILLIAMS & WILKINS.2000: 769-69
- **Role of radionuclide imaging in trials of antiangiogenic therapy** *ACADEMIC RADIOLOGY*
Blankenberg, F. G., Eckelman, W. C., Strauss, W., Welch, M. J., Alavi, A., Anderson, C., Bacharach, S., Blasberg, R. G., Graham, M. M., Weber, W.
2000; 7 (10): 851-867
- **Radioimaging to identify myocardial cell death and probably injury** *LANCET*
Strauss, H. W., Narula, J., Blankenberg, F. G.
2000; 356 (9225): 180-181
- **Gastrointestinal dysfunction associated with syringomyelia and hydromyelia** *JOURNAL OF PEDIATRIC GASTROENTEROLOGY AND NUTRITION*
Garcia-Careaga, M., Cox, K. M., Blankenberg, F., Cox, K. L.
2000; 31 (1): 71-75
- **Radionuclide imaging of acute lung transplant rejection with annexin V** *29th Annual Meeting of the Fleischner-Society*
Blankenberg, F. G., Robbins, R. C., Stoot, J. H., Vriens, P. W., Berry, G. J., Tait, J. F., Strauss, H. W.
AMER COLL CHEST PHYSICIANS.2000: 834-40
- **Apoptosis: The importance of nuclear medicine** *NUCLEAR MEDICINE COMMUNICATIONS*
Blankenberg, F. G., Tait, J., Ohtsuki, K., Strauss, H. W.
2000; 21 (3): 241-250
- **Radiolabeled annexin V imaging: Diagnosis of allograft rejection in an experimental rodent model of liver transplantation** *RADIOLOGY*
Ogura, Y., Krams, S. M., Martinez, O. M., Kopiwoda, S., Higgins, J. P., Esquivel, C. O., Strauss, H. W., Tait, J. F., Blankenberg, F. G.
2000; 214 (3): 795-800
- **Apoptotic cell death: its implications for imaging in the next millennium** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE*
Blankenberg, F. G., Tait, J. F., Strauss, H. W.

2000; 27 (3): 359-367

- **Sonography, CT, and MR imaging: A prospective comparison of neonates with suspected intracranial ischemia and hemorrhage** *AMERICAN JOURNAL OF NEURORADIOLOGY*
Blankenberg, F. G., Loh, N. N., Bracci, P., D'Arceuil, H. E., Rhine, W. D., Norbash, A. M., Lane, B., Berg, A., Person, B., Coutant, M., Enzmann, D. R.
2000; 21 (1): 213-218
- **Technetium-99m HYNIC-annexin V: a potential radiopharmaceutical for the in-vivo detection of apoptosis** *EUROPEAN JOURNAL OF NUCLEAR MEDICINE*
Ohtsuki, K., Akashi, K., Aoka, Y., Blankenberg, F. G., Kopiwoda, S., Tait, J. F., Strauss, H. W.
1999; 26 (10): 1251-1258
- **In vivo detection of apoptotic cell death: A necessary measurement for evaluating therapy for myocarditis, ischemia, and heart failure** *JOURNAL OF NUCLEAR CARDIOLOGY*
Blankenberg, F., Narula, J., Strauss, H. W.
1999; 6 (5): 531-539
- **Dying a thousand deaths - Radionuclide imaging of apoptosis** *QUARTERLY JOURNAL OF NUCLEAR MEDICINE*
Blankenberg, F., Ohtsuki, K., Strauss, H. W.
1999; 43 (2): 170-176
- **Standardized high-resolution CT of the lung using a spirometer-triggered electron beam CT scanner** *AMERICAN JOURNAL OF ROENTGENOLOGY*
Robinson, T. E., Leung, A. N., Moss, R. B., Blankenberg, F. G., Al-Dabbagh, H., Northway, W. H.
1999; 172 (6): 1636-1638
- **Non-invasive diagnosis of acute heart-or lung-transplant rejection using radiolabeled annexin V** *41st Annual Meeting of the Society-of-Pediatric-Radiology*
Blankenberg, F. G., Strauss, H. W.
SPRINGER.1999: 299-305
- **Comparison between neuroimaging and neurobehavioral assessments of the very low birthweight preterm infant**
Constantinou, J. C., Mirmiran, M., Blankenberg, F. G., Lane, B., Adamson-Macedo, E. N., Fleisher, B. E.
NATURE PUBLISHING GROUP.1999: 191A-191A
- **Spirometer-triggered high resolution computed tomography (HRCT) of the chest, clinical score, and pulmonary function measurements in cystic fibrosis (CF) patients before and after treatment for a pulmonary exacerbation**
Robinson, T. E., Leung, A. N., Moss, R. B., Blankenberg, F. G., Bloch, D. A., Oehlert, J. W., Al-Dabbagh, H., Hubli, S., Northway, W. H.
INT PEDIATRIC RESEARCH FOUNDATION, INC.1999: 355A
- **Imaging of apoptosis (programmed cell death) with Tc-99m annexin V** *JOURNAL OF NUCLEAR MEDICINE*
Blankenberg, F. G., Katsikis, P. D., Tait, J. F., Davis, R. E., Naumovski, L., Ohtsuki, K., Kopiwoda, S., Abrams, M. J., Strauss, H. W.
1999; 40 (1): 184-191
- **The use of technetium Tc 99m annexin V for in vivo imaging of apoptosis during cardiac allograft rejection** *78th Annual Meeting of the American-Association-for-Thoracic-Surgery*
Vriens, P. W., Blankenberg, F. G., Stoot, J. H., Ohtsuki, K., Berry, G. J., Tait, J. F., Strauss, H. W., Robbins, R. C.
MOSBY-ELSEVIER.1998: 844-52
- **In vivo detection and imaging of phosphatidylserine expression during programmed cell death** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Blankenberg, F. G., Katsikis, P. D., Tait, J. F., Davis, R. E., Naumovski, L., Ohtsuki, K., Kopiwoda, S., Abrams, M. J., Darkes, M., Robbins, R. C., Maecker, H. T., Strauss, H. W.
1998; 95 (11): 6349-6354
- **Comparison of MR imaging and neurobehavioral assessment of the preterm infant (NAPI).**
Blankenberg, F. G., Norbash, A., Lane, B., Fleisher, B. E., Constantinou, J. C., Stevenson, D. K.
LIPPINCOTT WILLIAMS & WILKINS.1998: 105A-105A
- **Impaired cerebrovascular autoregulation after hypoxic-ischemic injury in extremely low-birth-weight neonates: Detection with power and pulsed wave Doppler US** *82nd Scientific Assembly and Annual Meeting of the Radiological-Society-of-North-America*
Blankenberg, F. G., Loh, N. N., Norbash, A. M., Craychee, J. A., Spielman, D. M., Person, B. L., Berg, C. A., Enzmann, D. R.
RADIOLOGICAL SOC NORTH AMER.1997: 563-68

- **Quantitative analysis of apoptotic cell death using proton nuclear magnetic resonance spectroscopy** *BLOOD*
Blankenberg, F. G., Katsikis, P. D., STORRS, R. W., Beaulieu, C., Spielman, D., Chen, J. Y., Naumovski, L., Tait, J. F.
1997; 89 (10): 3778-3786
- **Clinical image. Lipoblastoma of the thigh: MR appearance.** *Journal of computer assisted tomography*
Katz, D. S., Merchant, N., Beaulieu, C. F., Blankenberg, F. G.
1996; 20 (6): 1002-1003
- **Lipoblastoma of the thigh: MR appearance** *JOURNAL OF COMPUTER ASSISTED TOMOGRAPHY*
Katz, D. S., Merchant, N., Beaulieu, C. F., Blankenberg, F. G.
1996; 20 (6): 1002-1003
- **Neonatal intracranial ischemia and hemorrhage: Diagnosis with US, CT, and MR imaging** *RADIOLOGY*
Blankenberg, F. G., Norbash, A. M., Lane, B., Stevenson, D. K., Bracci, P. M., Enzmann, D. R.
1996; 199 (1): 253-259
- **Detection of apoptotic cell death by proton nuclear magnetic resonance spectroscopy** *BLOOD*
Blankenberg, F. G., STORRS, R. W., Naumovski, L., Goralski, T., Spielman, D.
1996; 87 (5): 1951-1956
- **EVOLVING ASYMMETRIC HYPERTROPHIC PYLORIC-STENOSIS ASSOCIATED WITH HISTOLOGIC EVIDENCE OF EOSINOPHILIC GASTROENTERITIS** *PEDIATRIC RADIOLOGY*
Blankenberg, F. G., Parker, B. R., Sibley, E., Kerner, J. A.
1995; 25 (4): 310-311
- **THE INFLUENCE OF VOLUMETRIC TUMOR DOUBLING TIME, DNA-PLOIDY, AND HISTOLOGIC GRADE ON THE SURVIVAL OF PATIENTS WITH INTRACRANIAL ASTROCYTOMAS** *AMERICAN JOURNAL OF NEURORADIOLOGY*
Blankenberg, F. G., Teplitz, R. L., Ellis, W., Salamat, M. S., Min, B. H., Hall, L., Boothroyd, D. B., Johnstone, I. M., Enzmann, D. R.
1995; 16 (5): 1001-1012
- **PRELIMINARY INVESTIGATION OF ULTRASOUND SCATTERING ANALYSIS TO IDENTIFY WOMEN AT RISK FOR LATER INVASIVE CANCER .1. MOTIVATION AND EXPERIMENTAL-TECHNIQUE FOR CHARACTERIZATION OF ISOLATED BREAST-TISSUE LOBULES** *ULTRASOUND IN MEDICINE AND BIOLOGY*
Burke, T. M., Blankenberg, T. A., SIU, A. K., Blankenberg, F. G., Jensen, H. M.
1995; 21 (3): 295-303
- **PRELIMINARY INVESTIGATION OF ULTRASOUND SCATTERING ANALYSIS TO IDENTIFY WOMEN AT RISK FOR LATER INVASIVE CANCER .2. EXTRACTION OF DOMINANT SCATTERING ANGLE-DEPENDENT TRENDS FROM EXCISED BREAST-TISSUE** *ULTRASOUND IN MEDICINE AND BIOLOGY*
Burke, T. M., Blankenberg, T. A., SIU, A. K., Blankenberg, F. G., Jensen, H. M.
1995; 21 (3): 305-311
- **MR IMAGING IN AN EXPERIMENTAL-MODEL OF BRAIN-TUMOR IMMUNOTHERAPY** *AMERICAN JOURNAL OF NEURORADIOLOGY*
Blankenberg, F., CONLEY, F. K., Sayre, J., ENZMANN, D.
1991; 12 (3): 543-548
- **COMPUTED-TOMOGRAPHY AS AN ADJUNCT TO ULTRASOUND IN THE DIAGNOSIS OF ACUTE ACALCULOUS CHOLECYSTITIS** *GASTROINTESTINAL RADIOLOGY*
Blankenberg, F., Wirth, R., Jeffrey, R. B., Mindelzun, R., Francis, I.
1991; 16 (2): 149-153
- **PRELIMINARY-RESULTS FOR SHEAR-WAVE SPEED OF SOUND AND ATTENUATION COEFFICIENTS FROM EXCISED SPECIMENS OF HUMAN BREAST-TISSUE** *ULTRASONIC IMAGING*
Burke, T. M., Blankenberg, T. A., SUI, A. K., Blankenberg, F. G., Jensen, H. M.
1990; 12 (2): 99-118