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EDUCATION

1974	FUJEN CATHOLIC UNIVERSITY BS in Physics.	Taipei, Taiwan
1976	UNIVERSITY OF RHODE ISLAND MS in Physics.	Kingston, RI
1982	MASSACHUSETTS INSTITUTE OF TECHNOLOGY Ph.D. in Applied Radiation Physics.	Cambridge, MA

EXPERIENCE

1974-1976	UNIVERSITY OF RHODE ISLAND Teaching Assistant in physics laboratory courses.	Kingston, RI
1977-1978	MASSACHUSETTS INSTITUTE OF TECHNOLOGY Research Assistant in a medical ultrasonic project studying ultrasound hyperthermia by a phased array transducer and mechanical control lens focusing methods.	Cambridge, MA
1980	NATO ADVANCED STUDY INSTITUTE Teaching Assistant.	Wellesley, MA
1979-1982	MASSACHUSETTS INSTITUTE OF TECHNOLOGY Research Assistant in a project: Application of photon correlation spectroscopy to biological problems; mainly, investigating bacterial motility and chemotaxis. The experimental work involved laser optics settings and maintenance, computer control and programming, automatic data collection, post-signal processing, and cell culture.	Cambridge, MA
1982-1984	UNIVERSITY OF KENTUCKY Assistant Research Professor. Maintained and supervised the operation of the Technicare 1.5K gauss resistive whole body NMR scanner.	Lexington, KY
1984-1989	GEORGETOWN UNIVERSITY Assistant Professor in Radiology Department. Maintained and supervised a 1.5 T Siemens whole body NMR system.	Washington, DC
1989-2001	HOWARD UNIVERSITY Associate Professor in Radiology Department.	Washington, DC
1999-present	HOWARD UNIVERSITY Graduate Professor in Department of Biochemistry and Molecular Biology	Washington, DC
2001-present	HOWARD UNIVERSITY Adjunct Professor in Department of Biochemistry and Molecular Biology	Washington, DC
2001-present	HOWARD UNIVERSITY Professor in Radiology Department. Director of the Biomedical NMR / Molecular Imaging Laboratory. Primary responsibilities are to coordinate NMR research projects, to provide technical support, and to supervise the operation of NMR center. Research areas include: In vitro and in vivo NMR; NMR imaging and spectroscopy studies of diseases including cancer, heart disease, and degenerative diseases using small animal models; NMR studies of multidrug interaction and body composition; molecular imaging; and NMR applications in agriculture. Since 2005, the research interests also include developing nanoparticles as drug delivery vehicles for targeted therapy and diagnostic imaging.	Washington, DC
2007-	Guest Professor, National Center for Nanoscience and Technology	Beijing, China
2014-	Chair Professor, Catholic Fu Jen University	Taipei, Taiwan

PATENT AWARD

U. S. Patent and Trademark Office, NMR Image Test Phantom entitled “Quality Control Phantom for Use in Computed Tomographic Imaging Instruments and Method of Use”, Patent No. 4,618,826, 1986

HONORS

2008 Howard University College of Medicine, Outstanding Faculty Researcher Award
2010 Howard University College of Medicine 1st Annual Research Day, First Place for Senior Faculty
2010 Howard University College of Medicine Dr. Moses Wharton Young Research Award
2010 Fu Jen Catholic University Distinguished Alumni Award, Taipei, Taiwan
2014 Fu Jen Catholic University Honorary Degree of Doctor of Science, Taipei, Taiwan
2016 Howard University Cancer Center, Conquering Cancer Award

SOCIETIES

Member of American Association of Physicists in Medicine
Member of International Society of Magnetic Resonance in Medicine
Member of European Society for Magnetic Resonance in Medicine and Biology
Member of Society of Molecular Imaging
Member of American Society for Nanomedicine

PUBLICATIONS

1. Wang PC, and Chen SH. Quasi-Elastic Light Scattering from Migration Chemotactic Bands of Escherichia Coli II: Analysis of Anisotropic Bacterial Motion. Biophy J 36, 203-219,1981. PMID: 7025930
2. Wang PC, Chen SH. Anisotropic Speed Distribution of Bacterial Motion in Migration Chemotactic Band. Proceedings of NATO Advances Study Institute. Chen SH, Chu B, and Nossal R., eds. Plenum Press, NY, 1981.
3. Chen SH and Wang PC. Light Scattering Measurement of the Two-State Motional Parameters of Escherichia Coli in Chemotactic Bands. Biomedical Application of Laser Light Scattering. Sattelle D, Ware B, and Lee W, eds. North Holland, NY 1981.
4. Wang PC and Chen SH. Chemotactic and Band Formation of Escherichia Coli Studies by Light Scattering, The Application of Laser Light to the Study of Biological Motion. Earnshaw JC, Steer MWM Chu B, and Degiorgio V. eds. Plenum Press, NY, 1982.
5. Wang PC, Stelling CB, Mattingly SS, and Powell DE. In vivo Breast Magnetic Resonance Imaging Using a Prototype Breast Coil. Technology of Nuclear Magnetic Resonance. Johnston RE and Sorenson JA, eds. The Society of Nuclear Medicine, New York, NY, 1984
6. Maruyama Y, Chin HW, Young AB, Wang PC, Tibbs P, Beach JL, and Goldstein S. CT and MR Imaging to Guide Brain Tumor Implants and Judge Response. Radiology,152:(1)177-181, 1984. PMID: 6729108
7. Stelling CB, Wang PC, Lieber A, Mattingly SS, Griffen WO, and Powell DE. Magnetic Resonance Imaging of Female Breast Using a Prototype Breast Coil. Radiology 154:457-462. 1985. PMID: 3966132
8. Richardson JD, Cigtay OS, Grant EG, and Wang PC. Imaging of the Breast. Med Clin North am Nov 68(6):1481-514. 1984. PMID: 6392774
9. Coffey CW, Hines HC, Wang PC, and Smith SL. The Early Applications and Potential Usefulness of NMR in Radiation Therapy Treatment Planning. J Am Assoc Med Dosimetrists (4)29-35, 1985.
10. Choyke PL, Mun SK, Benson H, Wang PC, Fahey F, and Hartel F. Reliability Issues in Digital Image Archiving. Application of Optical Instrumentation in Medicine XIII; Medical Image Production, Processing, Display, and Archiving. Schneider, R and Dwyer, JS, III., eds. SPIE, vol. 536. 1985.
11. Mun SK, Choyke PL, Duerinckx A, Wang PC, Fahey F, and Benson H. Development of PACS at Georgetown University Radiology Department. Application of Optical Instrumentation in Medicine XIII; Medical Image Production, Processing, Display, and Archiving. Schneider, R and Dwyer, JS, III., eds. SPIE, Vol 536. 1985.
12. Benson HR, Mun SK, Choyke PL, Wang PC, Elliott LP. Integration of Report Generating System into PACS. Application of Optical Instrumentation in Medicine XIII; Medical Image Production, Processing, Display, and Archiving. Schneider R, and Dwyer JS, eds. SPIE, Vol. 536, 1985.
13. Mun SK, Benson HR, Choyke PL, Fahey FH, Wang PC, Zeman RK, Elliott LP. Design and Implementation of PACS at Georgetown University Hospital. Medical Imaging and Instrumentation 1985 Practical Applications of Conventional and New Imaging Technologies. SPIE, Vol. 555, 1985.
14. The DIN Report: Functional Requirements for a Hospital Based Digital Imaging Network and Picture Archiving and Communication Prototype System. Brahman and Gitlin, editors. Center for Devices and

Radiological Health, FDA, Rockville, Maryland. April, 1985. CDRH, FDA.
15. Fahey FH, Wang PC, Mun SK, Choyke PL, Benson HR, Duerinckx A, Elliott LP. Design Criteria for a Data Base Management System for a PACS at Georgetown University, Proceedings of 9th Information Processing in Medical Imaging Conference. Bacharach S, ed. Martinus-Nijhoff Publisher, Boston, MA; pp. 537-543, 1986.
16. Wang PC and Chang SJ. A Study of the Wood Log Structure by an NMR Imaging Technique. Wood and Fiber Science, 18(2), 308-314, 1986.
17. Wang PC and Chen SH. Quasi-Elastic Light Scattering from Migrating Chemotactic Bands of Escherichia Coli III. Studies of Band Formation Propagation and Motility in Oxygen and Serine Substrates. Biophy J 49:1205-1214, 1986. PMID: 3087435
18. Mun SK, Stauffer D, Zeman R, Benson H, Wang PC, Fahey F, and Allman R. Comprehensive Digital Imaging Network Project at Georgetown University Hospital. SPIE, 1987.
19. Chang SJ, Wang PC, and Olson JR. Nuclear Magnetic Resonance Imaging of Hardwood Logs. 2nd International Conference on Scanning Technology in Sawmilling. Forest Industries / World Wood, San Francisco, CA. 1987.
20. Wang SP, Wang PC, and Faust M. NMR Imaging of Watercored Apple. Scientia Horticulturae, 35, 227-234, 1988.
21. Wang CI and Wang PC. Imaging of "Bartlett" pear stored in air low oxygen atmosphere. HortScience 24(1):106-109, 1989.
22. Wang PC, Chang SJ, Olson JR and Mun SK. Technology of NMR Imaging in Wood. Cellulose in Wood: Chemistry and Technology. Conrad Schuerch Ed. John Wiley and Sons Publisher:221-233, 1989.
23. Chang SJ, Olson JR, and Wang PC. NMR Imaging of Eastern Hardwoods. Cellulose in Wood: Chemistry and Technology. Conrad Schuerch Ed. John Wiley and Sons Pub. pp:235-247, 1989.
24. Chang SJ, Olson JR and Wang PC. NMR Imaging of Internal Features in Wood. Forest Prod. J. 39(6):43-49. 1989.
25. Barth KH, Kremers PW, Lindisch D, Wang P, Mertens MA. Quantitative Digital Subtraction Arteriography With a Calibration Catheter. CardioVasc. Intervent. Radiol.12(5): 281-285, 1989. PMID:2514991
26. Olson JR, Chang SJ, Wang PC. "NMR Imaging - A Non-invasive Analysis of Moisture Distributions in White Oak Lumber." Canadian J. of Forest Res 20(5):586-591, 1990.
27. Olson JR, Chang SJ, Wang PC. NMR Imaging of Moisture Flow in White Oak Rays. Int. Symp. on Wood Drying - Upgrading Wood Quality Through Drying Technology, Seattle, Washington 1989.
28. Chang SJ, Wang PC. Scanning Logs With an NMR Scanner. 7th International conference on Non-destructive Testing of Wood. Madison, Wisconsin, Sept 27-29, 1989. Proceedings of the Conference, Washington State University Press Published.
29. Mitchell AD, Wang PC and Elsasser TH. Determination of fat and water content in vitro in pork and in vivo in mice by proton magnetic resonance. J. Sci.Food Agric. 56, 265-276, 1991.
30. Chang SJ, Cohen M, Wang PC. Ultra-fast Scanning Hardwood Logs with an NMR Scanner. 4th International Conference on Scanning Technology in Wood Industry. 1991.
31. Mitchell AD, Wang PC, Rosebrough RW, Elsasser TH and Schmidt WF. Assessment of Body Composition of Poultry by Nuclear Magnetic Resonance Imaging and Spectroscopy. Poul Sci.70(12):2494-2500, 1991. PMID: 1784571
32. Wutscher HK and Wang PC. Nuclear magnetic resonance imaging of water distribution in the trunk and scaffold roots of 'Valencia' orange trees with and without citrus blight. Fruits, 46:4-9, 1991.
33. Mitchell AD, Wang PC, Elsasser TH and Schmidt WF. Application of NMR spectroscopy and imaging for body composition analysis related to sequential measurement of energy deposition. Energy Metabolism of Farm Animals. EAAP Publications, 1991.
34. Wang, CY and Wang, PC. Differences in nuclear magnetic resonance images between chilled and nonchilled zucchini squash. Envir. Expt. Bot. 32:213-219, 1992.
35. Mitchell AD, Wang PC, Song HF and Schmidt WF. Body composition analysis of the pig by magnetic resonance imaging. Basic Life Sci. 60:105-8. 1993. PMID: 8110087
36. Ting P, Wang PC, Song HF and Xu S. Neuro-Pathophysio-Biochemical Profiles of Neonatal Asphyxia. Acta Neurochir 60:203-206, 1994. PMID:7976547
37. Chen CN, Wang PC, Song HF, Liu YC and Chen CS. The role of NMR in the study of a drug structure inversion. Proceedings of the 9th Conference on Magnetism & Magnetic Technology, July, 1994.
38. Maduh EU, Nealley EW, Song HF, Wang PC and Baskin SI. A Protein Kinase C Inhibitor Attenuates Cyanide Toxicity In Vivo. Toxicology. 100:129-137, 1995, PMID: 7624870
39. Scholz A, Mitchell AD, Wang PC, Song HF and Yan ZJ. Muscle metabolism and body composition of pigs with different ryanodine receptor genotypes studies by means of 31P nuclear magnetic resonance spectroscopy

and 1H magnetic resonance imaging. Arch. Animal Breeding 38:539-552, 1995.
40. Chen CN, Wang PC, Song HF, Liu YC and Chen CS. Non-invasive Detection of Ibuprofen in vivo 13C NMR Signals in Rats. Chem Pharm Bull.44(1)204-207, 1996, PMID: 8582039
41. Bond V, Wang PC, Adams R, Johnson AT, Tearney RJ, Balkely R, Vaccaro P, Banks M, Don Franks B, Bassett DR. Lower Leg Isokinetic Training and Peripheral Hemodynamic Adaptations. Can J Appl Physiol. 21(3):208-216, 1996. PMID: 87920251.
42. Bond V, Wang PC, Adams R, Thompson T. Effects of Resistance Training on Skeletal Muscle Maximal Vasodilator Capacity. Medicine & Science in Sports & Exercise 27(Supplement):S185 · May 1995
43. Faust M, Wang PC, Maas J. The Use of Magnetic Resonance Imaging in Plant Science. Horticultural Review. vol 20, pp. 225-266, 1997.
44. Conway JM, Chanetsa FF, Wang PC. Intraabdominal Adipose Tissue and Antropometric Surrogates in African American Women With Upper- and Lower-body Obesity.Am J Clin Nutr 66(6):1345-51, 1997. PMID: 9394685
45. Wang PC, Liu Dongsheng, Agwu Emmanuel, Sridhar Rajagopalan. Application of P31 NMR Spectroscopy to Distinguish Drug Sensitive and Drug Resistant Breast Cancer. Era of Hope. pp. 217, 2000.
46. Mitchell AD, Scholz AM, Wang PC, Song HF. Accuracy of Volume Measurements by Magnetic Resonance Imaging. J. Anim. Sci., 79:1800-1813, 2001. PMID: 11465367
47. Kinnard L, Lo S-C B, Wang PC, Freedman MT, Chouikha M, Automatic Segmentation of Mammographic Masses Using Fuzzy Shadow and Maximum-likelihood Analysis, Proc of IEEE Symposium on Biomedical Imaging (Cat 02EX608C): pp. 241-244, 2002.
48. Kinnard L, Lo S-C.B, Wang PC, Freedman MT, Chouikha M, Separation of Malignant and Benign Masses Using Image and Segmentation Features. Proc. of SPIE, pp 25-28, 2003
49. Wang PC, Aszalos A, Li EC, Zhang RS, Song HF. A Pharmacokinetic Study of Trifluoperazine Crossing Blood-Brain-Barrier Due to P-glycoprotein Modulation. Syllabus of Dynamic Spectroscopy and Measurement of Physiology, Metabolism and Function, ISMRM, p.74, 2003
50. Scholz AM, Mitchell AD, Song HF, Wang PC. C13 Nuclear Magnetic Resonance Spectroscopy – a Noninvasive in vivo Method to Measure Muscle Glycogen Metabolism in Pigs of Different Genotypes. Arch. Tierz. Dummerstorf 46 2, 199-211, 2003.
51. Kinnard L., Lo SB, Makariou E, Osicka T, Wang P, Freedman MT, Chouikha M, Steepest changes of a probability-based cost function for delineation of mammographic masses: A validation study. Virtual Journal of Biophysics, Vol. 8, Issue 7, Oct. 1, 2004, http://www.vjbio.org/bio/.
52. Kinnard L, Lo SB, Makariou E, Osicka T, Wang PC, Freeman M, Chouikha M. Likelihood Function Analysis For Segmentation of Mammographic Masses For Various Margin Groups. Proc of IEEE Symposium on Biomedical Imaging. pp 113-116, 2004.
53. Liang XJ, Yin JJ, Zhou JW, Wang PC, Taylor B, Cardarelli C, Kozar M, Forte R, Aszalos A, Gottesman M. Lipid Composition and Biophysical Differences in the Plasma Membrane Relate to Cisplatin Resistance in Human Epidermal Carcinoma Cells. Exp Cell Research 293:283-291, 2004. PMID: 14729466
54. Roh, MS, Bentz JA, Wang PC, Li EC, Koshioka M. Maturity and Temperature Stratification Affects the Germination of Styrax japonicus Seeds. J. Horticultural Sci. Biotech. 79(4): 645-651, 2004.
55. Kinnard L, Lo SB, Makariou E, Osicka T, Wang P, Chouikha MF, Freedman MT. Steepest changes of a probability-based cost function for delineation of mammographic masses: A validation study. Med. Phys. 31(10):2796-2810, 2004. PMID 15543787
56. Pirollo K, Dagata J, Wang PC, Freedman M, Vladar A, Fricke S, Ileva L, Zhou Q, Chang EH. A Tumor-Targeted Nanodelivery System to Improve Early MRI Detection of Cancer. Molecular Imaging 5(1):41-52, 2006. PMID:16779969
57. Shan L, Wang S, Sridhar R, Bhujwalla ZM, Wang PC. Dual Probe with Fluorescent and Magnetic Properties for Imaging Solid Tumor Xenografts. Molecular Imaging 6(2)85-95, 2007. PMID: 18384723
58. Chung DW-Y, Tsai YS, Miaou SG, Chang WH, Chang YJ, Chen SC, Hong YY, Chyang CS, Chang QS, Hsu HY, Hsu J, Yao WC, Hsu MS, Chen MC, Lee SC, Hsu C, Miao L, Byrd K, Chouikha M, Gu XB, Wang PC, Szu H. Non-invasive methodology for wellness baseline profiling. Proceedings of SPIE "Independent Component Analyses, Wavelets, Unsupervised Nano-Biomimetic Sensors, and Neural Networks V", vol. 6576:OR1-17, 2007.
59. Manaye KF, Wang PC, O'Neil JN, Tizabi Y, Lei D, Xu T, Huang SY, Ottinger MA, Ingram DK, Mouton PR. Neuropathological Quantification of Dtg APP/PS1: Neuroimaging, Stereology, and Biochemistry. AGE (29):87-96, 2007. PMID: 19424834
60. Cheng KT, Wang PC, and Shan L. Alexa Fluor 680-labeled transferrin- cationic (NBD-labeled DOPE-DOTAP) liposome-encapsulated gadopentetate dimeglumine complex (Abbreviated name: Tf^{NIR}-Lip^{NBD}-CA complex) targeting to transferrin receptors (TfR). Molecular Imaging and Contrast Agent Database (MICAD) [Internet].

Bethesda (MD): National Center for Biotechnology Information (US); 2004-2010. 2007, PMID 20641669
61. Ross, S, Ejofodomi O, Jendoubi A, Kinnard L, Chouikha M, Lo B, Wang P, Zheng J. A Mammography Database and View System for the African American Patients. J Digital Imaging 21(1):18-26, 2008. PMID: 17393255
62. Shan L, Hao YB, Wang SP, Korotcov A, Zhang RS, Wang TX, Califano J, Gu XB, Sridhar R, Bhujwalla ZM, Wang PC. Visualizing Head and Neck Tumors In Vivo Using Near-infrared Fluorescent Transferrin Conjugate. Molecular Imaging 7(1):42-49, 2008. PMID: 18384723
63. Shan L, Wang SP, Korotcov A, Sridhar R, Wang PC. Bioluminescent Animal Models of Human Breast Cancer for Tumor Biomass Evaluation and Metastasis Detection. Ethnicity and Disease 18(S2):65-69, 2008. PMID: 18646323
64. Yin JJ, Lao F, Meng J, Fu PP, Zhao YL, Xing GM, Gao XY, Sun BY, Wang PC, Chen CY, and Liang XJ. Inhibition of Tumor Growth by Endohedral Metallofullerenol Nanoparticles Optimized as Reactive Oxygen Species Scavenger. Mol Pharmacol. Vol 74(4):1132-1140, 2008. PMID: 18635669, NIHMS84197
65. Shan L, Zhang RS, Zhang WH, Lee E, Sridhar R, Snyderwine EG, Wang PC. Image-based Real-time Evaluation of the Molecular Events Underlying HC11 Mammary Epithelial Cell Differentiation, Anal Biochem vol 382:122-128, 2008. PMID18722992, PMC2575343
66. Wang PC, Shan L, Wang SP, Korotcov A, Liang XJ. Transferrin Liposome Nanoparticle (Tf^{NIR}-Lip^{NBD}-Magnevist) – A Tumor Targeting MRI Contrast Agent. Acta Biophysica Sinica 24(4):315-322, 2008
67. Liang XJ, Chen CY, Zhao YL, Jia L, Wang PC. Biopharmaceutics and Therapeutic Potential of Engineered Nanoparticles. Curr Drug Metab vol 9(8):697-709, 2008. PMID18855608, PMC2715162
68. Yin JJ, Lao F, Fu PP, Wamer WG, Zhao YL, Wang PC, Han D , Qin Y, Sun BY, Xing GM, Dong JQ, Liang XJ, Chen CY. The Scavenging of Reactive Oxygen Species and the Potential for Cell Protection by Functionalized Fullerene Materials. Biomaterials. 30(4)611-621, 2009. PMID18986699, NIHMS84007
69. Hao YB, Xie TP, Korotcov A, Zhou YF, Pang XW, Guo YH, Ji HG, Shan L, Wang PC, Califano J, Xinbin Gu XB. Salvianolic Acid B Inhibits Growth of Head and Neck Squamous Cell Carcinoma in vitro and in vivo via Cyclooxygenase-2 and Apoptotic Pathways. Int J Cancer 124:2200-2209, 2009. PMID19123475, PMC2849633
70. Wang PC, Blumenthal RP, Zhao YL, Schneider JA, Miller N, Grodzinski P, Gottesman MM, Tinkle S, Wang K, Wang C, Liang XJ. Building Scientific Progress Without Borders: Nanobiology and Nanomedicine in China and the U.S. Cancer Res 69:(13)5294-5295, 2009 PMID19549890, PMC2756036
71. Jack CR Jr, Lowe VJ, Weigand SD, Wiste HJ, Senjem ML, Knopman DS, Shiung MM, Gunter JL, Boeve BF, Kemp BJ, Weiner M, Petersen RC; Alzheimer's Disease Neuroimaging Initiative. Serial PIB and MRI in normal, mild cognitive impairment and Alzheimer's disease: implications for sequence of pathological events in Alzheimer's disease. Brain. 32(Pt 5):1355-65, 2009, PMID: 19339253 PMCID: PMC2677798.
72. Liang XJ, Chen C, Zhao YL, Wang PC. Circumventing Tumor Resistance to Chemotherapy by Nanotechnology. *Multi-Drug Resistance in Cancer*, J. Zhou (ed), Methods in Molecular Biology vol 596:467-488, 2010, PMID 19949937, PMC3047496
73. Liang XJ, Meng H, Wang YZ, He HY, Meng J, Lu J, Wang PC, Zhao YL, Gao XY, Sun BY, Chen CY, Xing GM, Shen DW, Wu Y, Yin JJ, Jia L. Metallofullerene Nanoparticles Circumvent Tumor Resistance to Cisplatin by Reactivating Endocytosis. Proc. Natl. Acad. Sci. 107(16):7449-7454, 2010, PMID20368438, PMC2867714
74. Korotcov A, Shan L, Meng H, Wang TX, Sridhar R, Zhao YL, Liang XJ, Wang PC. A Nanocomplex System as Targeted Contrast Agent Delivery Vehicle for MRI Dynamic Contrast Enhancement Study. J Nanosci Nanotechnol. 2010 Nov;10(11):7545-9. 2010. PMID:21137979
75. Ma Huili, Wang PC, Qian F, Liang XJ. Biological Effects of Nanomaterials and Drugs Measured by Small Animal SPECT/CT Imaging System In Vivo. Acta Biophysica Sinica vol 26(8):209-215, 2010.
76. Guo ST, Huang YY, Jiang Q, Sun Y, Deng LD, Liang ZC, Du Q, Xing JF, Zhao YL, Wang PC, Dong AJ, Liang XJ. Enhanced Gene Delivery and siRNA Silencing by Gold Nanoparticles Coated with Charge-Reversal Polyelectrolyte. ACS Nano vol 4(9):5505-5511, 2010, PMCID PMC3044603
77. Meng J, Wang DL, Wang PC, Lee J, Chen CY, Liang XJ. Biomedical Activities of Endohedral Mettalofullerene Optimized for Nanopharmaceutics. J Nanosci Nanotechnol. 10(12):8610-6, 2010, PMID: 21121373
78. Xu C, Wang Z, Fan M, Liu B, Song M, Zhen X, Jiang T; Alzheimer's Disease Neuroimaging Initiative. Effects of BDNF Val66Met polymorphism on brain metabolism in Alzheimer's disease. Neuroreport. 21(12):802-7, 2010, PMID: 20613678; PubMed Central PMCID: PMC2954459
79. Schott JM, Bartlett JW, Barnes J, Leung KK, Ourselin S, Fox NC; Alzheimer's Disease Neuroimaging Initiative investigators. Reduced sample sizes for atrophy outcomes in Alzheimer's disease trials: baseline adjustment. Neurobiol Aging. (8):1452-62, 2010, PMID: 20620665, PMCID: PMC2947486
80. Wolk DA, Dickerson BC; Alzheimer's Disease Neuroimaging Initiative. Apolipoprotein E (APOE) genotype has dissociable effects on memory and attentional-executive network function in Alzheimer's disease. Proc Natl

Acad Sci U S A. 107(22):10256-61, 2010, PMID: 20479234, PMCID: PMC2890481
81. Ho AJ, Stein JL, Hua X, Lee S, Hibar DP, Leow AD, Dinov ID, Toga AW, Saykin AJ, Shen L, Foroud T, Pankratz N, Huentelman MJ, Craig DW, Gerber JD, Allen AN, Corneveaux JJ, Stephan DA, DeCarli CS, DeChairo BM, Potkin SG, Jack CR Jr, Weiner MW, Raji CA, Lopez OL, Becker JT, Carmichael OT, Thompson PM; Alzheimer's Disease Neuroimaging Initiative. A commonly carried allele of the obesity-related FTO gene is associated with reduced brain volume in the healthy elderly. Proc Natl Acad Sci U S A. 107(18):8404-9. 2010, PMID: 20404173; PMCID: PMC2889537
82. Keihaninejad S, Heckemann RA, Fagiolo G, Symms MR, Hajnal JV, Hammers A; Alzheimer's Disease Neuroimaging Initiative. A robust method to estimate the intracranial volume across MRI field strengths (1.5T and 3T). Neuroimage. 50(4):1427-37. 2010, PMID: 20114082; PMCID: PMC2883144.
83. Rimol LM, Agartz I, Djurovic S, Brown AA, Roddey JC, KÃ¤hler AK, Mattingsdal M, Athanasiu L, Joyner AH, Schork NJ, Halgren E, Sundet K, Melle I, Dale AM, Andreassen OA; Alzheimer's Disease Neuroimaging Initiative. Sex-dependent association of common variants of microcephaly genes with brain structure. Proc Natl Acad Sci U S A. 107(1):384-8, 2010, PMID: 20080800; PMCID: PMC2806758
84. Guo ST, Huang YY, Wei T, Zhang WD, Wang WW, Lin DS, Zhang X, Kumar A, Du Q, Xing JF, Deng LD, Liang ZC, Wang PC, Dong AJ, Liang XJ. Amphiphilic and Biodegradable Methoxy polyethylene glycol-block-(polycaprolactone-graft-poly(2-(dimethylamino)ethyl methacrylate)) as an Effective Gene Carrier. Biomaterials. 32(3):879-89. 2011, PMID: 20970186
85. Wang TX, Sridhar R, Korotcov A, Ting AH, Francis K, Mitchell J, Wang PC. Synthesis of Amphiphilic Triblock Copolymers as Multidentate Ligands for Biocompatible Coating of Quantum Dots. Colloids and Surfaces A: Physicochem. Eng. Aspects, Colloids and Surfaces A: Physicochem. Eng. Aspects 375: 147–155, 2011, PMID: 21297870
86. McDonald MA, Wang PC, Siegel EL. Protein Nanospheres: Synergistic Nanoplatform-Based Probes for Multimodality Imaging, Proc SPIE Vol. 7910 79101G-1-17, 2011. PMID: 22773942
87. Meng J, Xing JM, Wang YZ, Lu J, Zhao YL, Gao XY, Wang PC, Lee J, Liang XJ. Epigenetic Modulation of Human Breast Cancer by Metallofullerene. *In Vivo* Treatment and *In Vitro* Analysis. Nanoscale 11(3)4713-4719, 2011. PMID 21971916
88. Sun JB, Li Y, Liang XJ, Wang PC. Bacterial Magnetosome: a Novel Biogenetic Magnetic Targeted Drug Carrier with Potential Multi-functions. J of Nanomaterials. 2011(2011): 469031–43. PMID: 22448162
89. Korotcov AV, Ye YP, Chen Y, Zhang FY, Huang S, Lin S, Sridhar R, Achilefu S, Wang PC. Glucosamine Linked Near-infrared Fluorescent Probes for Imaging of Solid Tumor Xenografts. Mol Imaging Biol (14)443-451, 2012, PMID21971932, PMC3288187
90. Xue X, You S, Zhang Q, Wu Y, Zou GZ, Wang PC, Zhao YL, Xu Y, Lee J, Zhang XN, Liang XJ. Mitaplatin increases sensitivity of tumor cells to cisplatin by inducing mitochondrial dysfunction. Mol Pharm. 9(3):634-44, 2012. PMID22289032, PMC3310394
91. Meng H, Xing GM, Blanco E, Song Y, Zhao L, Sun BY, Li XD, Wang PC, Korotcov A, Li W, Liang XJ, Chen CY, Yuan H, Zhao F, Chen Z, Sun T, Chai ZF, Farrari M, Zhao YL. Gadolinium Metallofullerenol Nanoparticle Inhibits Cancer Metastasis through Matrix Metalloproteinase Inhibition: Imprisoning Instead of Poisoning Cancer Cells. Nanomedicine 8(2):136-146, 2012, PMID 21930111
92. Huang KY, Ma HL, Liu J, Huo S, Kumar A, Wei T, Zhang X, Jin S, Gan Y, Wang PC, H S, Zhang X, Liang XJ. Size-Dependent Localization and Penetration of Ultrasmall Gold Nano-particles in Cancer Cells, Multicellular Spheroids, and Tumors in Vivo. ACS Nano 6(5)4483-4493, 2012. PMID: 22540892
93. Shan L, Gu XB, Wang PC. Design Principles of Nanoparticles as Contrast Agents for Magnetic Resonance Imaging. *Nanopharmaceutics: The Potential Application of Nanomaterials. Chapter 11, Xing-Jie Liang (ed),* World Scientific Publisher, 2012.
94. Wang PC, Shan L. Essential Elements to Consider for MRI Cell Tracking Studies with Iron Oxide based Labeling Agents. J Basic and Clinical Medicine 1(1)1-6, 2012. PMID 24159426
95. Zhang RS, Zhou YF, Wang PC, Sridhar R. Evaluation of Tumor Cell Response to Hyperthermia with Bioluminescent Imaging. J Basic and Clinical Medicine 1(1)16-19, 2012. PMID 23745173
96. Ma XW, Zhang LH, Wang LR, Xue X, Sun JH, Wu Y, Zou GZ, Wu X, Wang PC, Wamer WG, Yin JJ, Zheng KY, Liang XJ. Single-Walled Carbon Nanotubes Alter Cytochrome C Electron Transfer and Modulate Mitochondrial Function. ACS Nano 6(12)10486-96, 2012. PMID: 23171082
97. Jin SB, Ma XW, Ma HL, Zheng KY, Liu J, Hou SA, Meng J, Wang PC, Wu XC, Liang XL. Surface Chemistry-Mediated Penetration and Gold Nanorod Thermotherapy in Multicellular Tumor Spheroids. Nanoscale 5(1)143-6, 2013, PMID 23154390
98. Hu XX, Hao XH, Wu Y, Zhang JC, Zhang XN, Wang PC, Zou GZ, Liang XJ. Multifunctional Hybrid Silica Nanoparticles for Controlled Doxorubicin Loading and release With Thermal and pH Dual Response. J Material

Chem B (1)1109-1118, 2013. PMID 23543911
99. Zhang FY, Shan L, Liu YY, Neville D, Woo JH, Chen Y, Korotcov A, Lin S, Huang S, Sridhar R, Liang W, Wang PC. An Anti-PSMA Bivalent Immunotoxin Exhibits Specificity and Efficacy for Prostate Cancer Imaging and Therapy. Adv. Healthcare Materials, 2(5)736-44, 2013, PMID 23184611.
100. Kumar A, Chen F, Mozhi A, Zhang X, Zhao YY, Xue XD, Hao YL, Zhang ZN, Wang PC, Liang XJ. Innovative pharmaceutical development based on unique properties of nanoscale delivery formulation. Nanoscale (5)8307-25, 2013, PMID 23860639.
101. Xue X, Hall HD, Zhang Q, Wang PC, Gottesman MM, Liang XJ. Nanoscale Drug Delivery Platforms Overcome Platinum-Based Resistance in Cancer Cells Due to Abnormal Membrane Protein Trafficking. ACS Nano vol.7 (12)10452-10464, 2013. PMID 24219825
102. Shan L, Liu Y, Wang PC. Recombinant Immunotoxin Therapy of Solid Tumors: Challenges and Strategies. J. Basic Clin Med 2(2):1-6, 2013. PMID 25309827
103. Lin PC, Lin S, Wang PC, Sridhar R. Techniques for Physicochemical Characterization of Nanomaterials. Biotechnol Adv. (4):711-726, 2014. PMID 24252561
104. Li SL, Cao WP, Kumar A, Jin SB, Zhao YY, Zhang CQ, Zou GZ, Wang PC, Li F, Liang XJ. Highly Sensitive Simultaneous Detection of Mercury and Copper Ions by Ultrasmall Fluorescent DNA–Ag Nanoclusters New J. Chem 38(4):1546-1550, 2014 PMID 24839391
105. Jin SB, Li SL, Wang CX, Liu J, Yang XL, Wang PC, Zhang X, Liang XJ. Biosafety Nanoscale Pharmaceutical Adjuvant Materials. J Biomed Nanotechnol 10(9)2393-419, 2014, PMID 25429253
106. Barfield W, Uaesoontrachoon K, Wu CS, Lin S, Chen Y, Wang PC, Kanaan Y, Bond V, Hoffman EP. Eccentric Muscle Challenge Shows Osteopontin Polymorphism Modulation of Muscle Damage. Hum Mol Genet 23(15):4043-50, 2014, PMID 24626632
107. Huo SD, Jin SB, Ma XW, Xue XD, Yang KN, Kumar A, Wang PC, Zhang JC, Hu ZB, Liang XJ. Ultrasmall Gold Nanoparticles as Carriers for Nucleus-Based Gene Therapy Due to Size-Dependent Nuclear Entry. ACS Nano 8(6):5852-5862, 2014, PMID 24824865
108. Yang KN, Zhang CQ, Wang W, Wang PC, Zhou JP, Liang XJ. pH-Responsive Mesoporous Silica Nanoparticles Applied in Controlled Drug Delivery Systems for Cancer Treatment. Cancer Biol Med. 11(1):34-43, 2014. PMID 24738037
109. Heier CR, Guerron AD, Korotcov A, Lin S, Gordish-Dressman H, Fricke S, Sze RW, Hoffman EP, Wang P, Nagaraju K. Non-Invasive MRI and Spectroscopy of *mdx* Mice Reveal Temporal Changes in Dystrophic Muscle Imaging and in Energy Deficits. Plos One 9(11)e112477. Nov 12, 2014. PMID 25390038
110. Zhang J, Li C, Zhang X, Huo S, Jin S, An FF, Wang X, Xue X, Okeke CL Duan G, Guo F, Zhang X, Hao J, Wang PC, Zhang J, Linag XJ. In vivo tumor-targeted dual-modal fluorescence/CT imaging using a nanoprobe co-loaded with an aggregation-induced emission dye and gold nanoparticles. Biomaterials 42:103-11. 2015, PMID 25542798
111. Li SL, Zhang CQ, Cao WP, Ma BY, Ma XW, Jin SB, Zhang JC, Wang PC, Li F, Liang XJ. Anchoring Effects of Surface Chemistry on Gold Nanorods: Modulates Autophagy. J Mater Chem B Mater Biol Med 3(16):3324-3330, 2015, PMID 26301093, PMC4539969
112. Hauser B, Pang XW, Ling ZG, Myers E, Wang PC, Califano J, Gu XB. MiRNA-128 Acts As A Tumor Suppressor by Regulating the Pathways Associated with Head and Neck Cancer Cell Growth and Apoptosis. Plos One, March 12, 10(3):e011632, 2015, PMID 25764126
113. Yang J, Li Y, Jin SB, Xu J, Wang PC, Liang XJ, Zhang X, Engineered Biomaterials for Development of Nucleic Acid Vaccines. Biomaterials Research 19:5 DOI 10.1186/s40824-014-0025-8, 2015, PMID 26331076
114. Zhang J, Li S, An F, Liu J, Jin S, Zhang J, Wang PC, Zhang X, Lee C, Liang XJ, Self-carried Curcumin Nanoparticles for In vitro and In vivo Cancer Therapy with Real-time Monitoring of Drug Release. Nanoscale, 7(32):13503-10, 2015, PMID 26199064, PMC4636738
115. Gondre-Lewis M, Gboluaje T, Reid SN, Lin S, Wang P, Green W, Diogo R, Fidelia-Lambert F, Herman MM. The Human Brain and Face: Mechanisms of Cranial, Neurological and Facial Development Revealed Through Malformations of Holoprosencephaly, Cyclopia and Aberrations in Chromosome 18. J. Anat (227)255-267, 2015, PMID 26278930, PMC4560560
116. Zhao Y, Chen F, Pan Y, Li Z, Xue X, Okeke C, Wang Y, Li C, Peng L, Wang PC, Ma XW, Liang XJ. Nanodrug Formed by Coassembly of Dual Anticancer Drugs to Inhibit Cancer Cell Drug Resistance. ACS Appl Mater Interfaces. 7(34)19295-302, 2015, PMID 26270258, PMC4712650
117. Meng J, Liu YY, Gao SY, Lin S, Gu XB, Pomper MG, Wang PC, Shan L. A Bivalent Recombinant Immunotoxin with High Potency against Tumors with EGFR and EGFRvIII Expression. Cancer Biol Ther 16(12):1764-74. 2015, PMID 26467217. PMC4789173
118. Xue X, Zhao Y, Zhang X, Zhang C, Kumar A, Zhang X, Zou G, Wang PC, Zhang J, Liang XJ. Phenylboronic

acid-functionalized magnetic nanoparticles for one-step saccharides enrichment and mass spectrometry analysis. Biophys Rep 1(2):61-70, 2015. PMID 26942220, PMCID PMC4762129
119. Gong N, Chen S, Jin S, Zhang J, Wang PC, Liang XJ. Effects of the Physicochemical Properties of Gold Nanostructures on Cellular Internalization. Regen Biomater. 2015 Dec;2(4):273-80. doi: 10.1093/rb/rbv024. PMID: 26813673
120. Tuguntaev RG, Okeke CI, Xu J, Li C. Wang PC, Liang XJ. Nanoscale Polymersomes as Anti-Cancer Drug Carriers Applied for Pharmaceutical Delivery. Curr Pharm Des 22(19):2857-65, 2016 PMID 26898733
121. Xue XD, Xu J, Wang PC, Liang XJ. Subcellular Behaviour Evaluation of Nanopharmaceuticals with Aggregation-Induced Emission Molecules. J Mater Chem C Mater Opt Electron Devices 4(14):2719-2730, 2016, PMID 27042309; PMC4816494
122. Chen SZ, Yang KN, Tuguntaev RG, Mozhi A, Zhang JC, Wang PC. Liang XJ. Targeting Tumor Microenvironment with PEG-based Amphiphilic Nanoparticles to Overcome Chemoresistance. Nanomed Nanotechnol 12:269-286, 2016. PMID: 26707818; PMC4789173.
123. Zhuang XX, Ma XW, Xue XD, Jiang Q, Long LL, Dai LR, Zhang CQ, Jin SB, Yang KN, Ding BQ, Wang PC, Liang XJ. A Photosensitizer-Loaded DNA Origami Nanosystem for Photodynamic Therapy. ACS Nano (10)3486-3495, 2016, PMID: 26950644; PMC4837698
124. Zhang CQ, Jin SB, Xue XD, Zhang TB, Jiang YG, Wang PC, Liang XJ. Tunable self-assembly of Irinotecan-fatty acid prodrugs with increased cytotoxicity to cancer cells. J Mater. Chem. B, 4(19)3286-3291, 2016, PMID: 27239311; PMC4882116.
125. Zhang TB, Xu J, Zhang CQ, Li C, Xing JF, Wang PC, Liang XJ. Multifunctional Dendrimers for Drug Nanocarriers. *Novel Approaches for Drug Delivery, Raj K. Keservani, Anil K. Sharma, and Rajesh Kumar Kesharwani (eds)*, pp 245-276, Medical Information Science Reference Publisher. 2016
126. Lv GX, Guo WS, Zhang W, Zhang TB, Li SY, Chen SZ, Eltahan AS, Wang DL, Wang YQ,. Zhang JC, Wang PC, Chang J, Liang XJ. Near-Infrared Emission CuInS/ZnS Quantum Dots: All-in-One Theranostic Nanomedicines with Intrinsic Fluorescence/Photoacoustic Imaging for Tumor Phototherapy. ACS Nano (10)9637-9645, 2016, PMID 27623101; PMC5359086
127. Stinnett GR, Lin S, Korotcov AV, Korotcova L, Morton PD, Ramachandra SD, Pham A, Kumar S, Agematsu K, Zurakowski D, Wang PC, Jonas RA, Ishibashi N. Microstructural Alterations and Oligodendrocyte Dysmaturation in White Matter After Cardiopulmonary Bypass in a Juvenile Porcine Model. J Am Heart Assoc. 6(8), 2017, doi: 10.1161/JAHA.117.005997. PMID: 28862938; PMCID:PMC5586442
128. Tuguntaev RG, Chen SZ, Eltahan AS, Mozhi A, Jin SB, Zhang JC, Li C, Wang PC, Liang XJ. Pgp Inhibition and Mitochondrial Impairment by Dual-Functional Nanostructure Based on Vitamin E Derivatives To Overcome Multidrug Resistance. ACS Appl Mater Interfaces (9)16900-16912, 2017. PMID: 28463476; PMCID: PMC5545886
129. Zhang TB, Guo WS, Zhang CQ, Yu J, Xu J, Li SY, Tian JH, Wang PC, Xing JF, Liang XJ. Transferrin-Dressed Virus-like Ternary Nanoparticles with Aggregation-Induced Emission for Targeted Delivery and Rapid Cytosolic Release of siRNA, ACS Appl Mater Interfaces (9)16006-16014, 2017. PMID: 28447465; PMC5545884
130. Zhang CQ, Zhang TB, Jin SB, Xue XD, Yang XL, Gong NQ, Zhang JC, Wang PC, Tian JH, Xing JF, Liang XJ. Virus-Inspired Self-Assembled Nanofibers with Aggregation-Induced Emission for Highly Efficient and Visible Gene Delivery, ACS Appl Mater Interfaces (9)4425-4432, 2017. PMID: 28074644; PMC5545877
131. Zhu SW, Liu YY, Wang PC, Gu XB, Shan L. Recombinant Immunotoxin Therapy of Glioblastoma: Smart Design, Key Findings, and Specific Challenges. BioMed Research International Volume 2017, Article ID 7929286, https://doi.org/10.1155/2017/7929286, 2017. PMID: 28752098; PMC5511670
132. Xue XD, Jin SB, Li ZP, Zhang CQ, Guo WS, Hu LM, Wang PC, Zhang JC, Liang XJ. Through-Bond Energy Transfer Cassette with Dual-Stokes Shifts for "Double Checked" Cell Imaging. Adv Science (4), DOI: 10.1002/advs.201700229, 2017, PMID: 29270336; PMC5737226
133. Wen Y, Zhang W, Gong NQ, Wang YF, Guo HB, Guo WS, Wang PC, Liang XJ. Carrier-free, Self-assembled Pure Drug Nanorods Composed of 10-Hydroxycamptothecin and Chlorin e6 for Combinatorial Chemo-Photodynamic Antitumor Therapy in vivo. Nanoscale 9(38)14347-56. 2017, NIHMSID 985072
134. Tan J, Li C, Wang Q, Li S, Chen S, Zhang J, Wang PC, Ren L, Liang XJ. A Carrier-free Nanostructure Based on Platinum (IV) Prodrug Enhances Cellular Uptake and Cytotoxicity. Mol Pharm 15(4)1724-28, 2018, PMID 29522683; PMC7057395
135. Ignacio DN, Mason KD, Hackett-Morton EC, Albanese C, Ringer L, Wagner WD, Wang PC, Carducci MA, Kachhap SK, Paller CJ, Mendonca J, Chan LL, Lin B, Hartle DK, Green JE, Brown CA, Hudson TS. Muscadine grape skin extract inhibits prostate cancer cells by inducing cell-cycle arrest and decreasing migration through heat shock protein 40. Heliyon. 5(1): e01128, 2019, PMID 30705983; PMC6348279

136. Hu M, Armstrong N, Seto E, Li W, Zhu F, Wang PC, Tang QY. Sirtuin 6 Attenuates Kaposi's Sarcoma-Associated Herpesvirus Reactivation by Suppressing Ori-Lyt Activity and Expression of RTA. J Virology 93(7) e02200-18, 2019, PMID 30651359; PMC6430549
137. Meshida K, Lin S, Domining DP, Reidenberg JS, Wang PC, Gilland E. Cetacean Orbital Muscles: Anatomy and Function of the Circular Layers. Anatomical Record 303:1792-1811, 2020, PMID 31587496; PMC7131895
138. Meshida K, Lin S, Domining DP, Wang PC, Gilland E. The oblique extraocular muscles in cetaceans: Overall architecture and accessory insertions. J Anatomy. 2020, DOI: 10.1111/joa.13347
139. Gong NQ, Zhang YX, Teng XC , Wang YC , Huo SD , Qing GC, Ni QK , Li XL , Wang JJ, Ye XX , Zhang TB, Chen SZ , Wang YG , Yu J, Wang PC , Gan YL , Zhang JC , Mitchell M, Li JH, Liang Xing-Jie. Proton-driven Transformable Nanovaccine for Cancer Immunotherapy. Nat. Nanotechnol. PMID 33106640; PMC7719078
140. Hsu CH, Lin S, Ho AC, Johnson TD, Wang PC, Scafidi J, Tu TW. Comparison of In Vivo and In Situ Detection of Hippocampal Metabolites in Mouse Brain Using ^{1}H-MRS. NMR Biomed, 2020, DOI: 10.1002/nbm.4451

ABSTRACTS

1. Coffey CW, Smith SL, Wang PC, Taylor R, Bellis G, and Hines H. Quality Assurance Tests and Phantoms for NMR Imaging. Magnetic Resonance Imaging 1:232, 1982.
2. Hines HC, Bellis G, Coffey CW, Wang PC, and Smith SL. NMR Interface for Radiation Therapy Treatment Planning. Magnetic Resonance Imaging 1:233, 1982.
3. DeLand FH, Smith SL, Wang PC, Coffey CW, and Bellis G. Quality Assurance Tests and Phantoms for NMR Imaging. J. Nucl Med 24:59, 1983.
4. Wang PC, Smith SL, and Coffey CW. Determination of Slice Thickness in NMR Imaging. Medical Physics 10:551, 1983.
5. Wang PC, Smith SL, Coffey CW. Experimental Studies of Pulse and Sequence Timing Effects on NMR Image Quality. Medical Physics 10:516, 1983.
6. Coffey CW, Smith SL, Wang PC, Bellis G, and Hines HC. Early Generation Phantoms and Test Objects for Quality Control in NMR. Medical Physics 10:517, 1983.
7. Hines HC, Bellis G, Coffey CW, Wang C, and Smith SL. NMR Interface for Radiation Therapy Treatment Planning. Medical Physics 10:530, 1983.
8. Coffey CW, Hines HC, Wang PC, and Smith SL. Specifications of NMR Resolution Utilizing MTF Methods. Medical Physics 10:732, 1983.
9. Wang PC, Lee C, Goldstein SJ, and Rosenbaum HD. A Study of Pulse and Sequence Timing Effects on NMR Image Quality. Presented at the Society of Magnetic Resonance in Medicine Second Annual Meeting, San Francisco, California, August 16-19, 1983.
10. Coffey CW, Wang PC, Smith SL, and Hines HC. Test Parameters, Phantoms and Quality Assurance Procedures in NMR. Radiology, 149:206, 1983.
11. Lee C, Goldstein SJ, Wang PC, and Rosenbaum HD. Imaging of Cranial Nerves by NMR: A Preliminary Experience. Radiology 149:272, 1983.
12. Maruyama Y, Young AB, Chin HW, Wang PC, Beach JL, Goldstein S. CT and NMR Imaging to Guide Brain Tumor Implants and Judge Response. Int J Rad Oncol Biol Phy 9 (Suppl 1): 142, 1983.
13. Stelling CB, Wang PC, Lieber A, Griffen WO, Mattingly SS, Powell DE. Magnetic Resonance Imaging (MRI) of Mastectomy Specimens with Pathologic Correlation. American Roentgen Ray Society in Las Vegas, Nevada, April 12, 1984.
14. Stelling CB, Wang PC, Lieber A, Griffen WO, Mattingly SS, Powell DE. Magnetic Resonance Imaging (MRI) of Mastectomy Specimens with Pathologic Correlation. The 3rd Ann. Meeting of the Society of Magnetic Resonance in Medicine. New York, NY, August 13-17, 1984.
15. Stelling CB, Wang PC, Lieber A, Mattingly SS, Griffen WO, Powell DE. MR Imaging of the Female Breast Using a Prototype Breast Coil. The 70th Annual Meeting of the Radiological Society of North America, Washington, D.C., November 25-30, 1984.
16. Stelling CB, Wang PC, Lieber A, Griffen WO, Mattingly SS, Powell DE. Magnetic Resonance Imaging of Mastectomy-Specimens with Pathologic Correlation. Radiology 153: (P) 365, 1984.
17. Wang PC, Faul DD, Mun SK, Zeman RK, Choyke PL, Paushter DM. Using Chemical-Shift Spectroscopy to Measure the T1 of Water Separately from that of Lipid. Radiology, 153:(P) 304, 1984.
18. Zeman RK, Benson HR, Reddy MJ, Jenkins S, Wang PC, Mun SK, Miller T, Elliott LP. Unique Site Planning Considerations in the Design of an Underground MR Vault. Radiology, 153:(P) 40, 1984.
19. Wang PC, Ashtari M, Faul DD. Measurement of T1 Relaxation Times of Water and Lipid Separately Using a Chemical Shift Spectroscopy Technique. Med. Phys., 12(4):517, 1985.

20. Wang PC, Mun SK, Choyke PL, Fahey FH, Benson HR. Storage Requirements and Image Transactions in PACS. Med. Phys., 12(4):526, 1985.
21. Coffey CW, Taylor R, Umstead G, Grey M, Smith S, Wang P. A New Slice Geometry Phantom for Tomographic Imagers. Med. Physics Vol 13, 4:583, 1986.
22. Wang PC, Benson HR, Mun SK, Fahey FH, Choyke PL. Impact of Time Distribution of Image Files to PACS Design. Med. Physics Vol 13, 4:572, 1986.
23. Chang SJ, Wang PC, and Olson Jr. NMR Imaging of White Oak Logs. 41st Annual Meeting of Forest Products Research Society. Louisville, Kentucky, June 21-24, 1987.
24. Chang SJ, and Wang PC. Nuclear Magnetic Resonance Imaging of Hardwood Logs. American Wood Scanning Conference, Berkeley, California, October 10-15, 1987.
25. Mitchell AD, Wang PC, and Elsasser TH. Nuclear Magnetic Resonance Imaging of the Pig and Spectroscopy of Port Tissue. J. Anim. Sci. 65 (Suppl. 1): 259. 1987.
26. Mitchell AD, Wang PC, Rosebrough RW, Calvert CC, and Elsasser TH. Comparative Body Composition Studies of the Chicken by Proton NMR Imaging and Spectroscopy. Poul. Sci. 66 (Suppl. 1): 147. 1987.
27. Wang SY, Wang PC, and Faust M. NMR Imaging of Watercored Apples. Hort Science, Vol. 22, 5:1162, October, 1987.
28. Wang CI, and Wang PC. NMR Imaging of "Bartlett" Pear Stored in Air Low Oxygen Atmosphere. Hort Science Vol. 22, 5:1053, October 1987.
29. Wang PC, Archer A, Rajan S, Carvlin M, Mun SK, and Nelson MC. Imaging of the Human Hand Using a 4.7 Tesla Magnet: Clinical Experience. Radiology, November, 1987.
30. Wang PC, Muraki A, Rajan S, Wambebe C, Guidotti A. High Resolution MR Imaging At 4.7 T of The central Nervous System In Rats. 29th Experimental Nuclear Magnetic Resonance Spectroscopy Conference, Rochester, New York, April 17-21, 1988.
31. Mitchell AD, Wang PC, Elsasser TH. Analysis of Body Composition of Obese and Control Mice by Proton Nuclear Magnetic Resonance Imaging and Spectroscopy. FASEB J. 2:A1430, 1988.
32. Wang PC, Wambebe C, Guidotti A, and Muraki A. High Resolution, High Field (4.7T) MRI of Huntington's Disease In An Experimental Rat Model, 7th Annual Meeting, Society of Magnetic Resonance in Medicine, San Francisco, CA, August 22-26, 1988.
33. Wang PC, Muraki A, Wambebe C, Guidotti A. High Field, High Resolution MR Imaging of Neurodegenerative Diseases at 4.7 Tesla-An Experimental Rat Model. 74th Radiological Society of North America Annual Meeting, Chicago, Ill, Nov 27-Dec 2, 1988.
34. Conway JM, Wang PC, Lo BS, Zeman RK, Conary JJ. A New Method For Assessing Changes in Adipose Tissue. Volume During Weight Reduction By Magnetic Resonance Imaging (MRI) FASEB J, March 1989. New Orleans, Louisiana.
35. Wang PC, Conaway JM, Lo BS, Volumetric Changes In Adipose During Weight Reduction By magnetic Resonance Imaging. 8th Ann Meeting of Society of Magnetic Resonance in Medicine, August 13-18 Amsterdam, 1989.
36. Olson JR, Chang SJ, Wang PC, NMR Imaging of Moisture Flow in White Oak Rays. IUFRO International Symposium on wood Drying Upgrading Wood Quality Through Drying Technology. Seattle, Washington, July 23-28, 1989.
37. Olson JR, Chang SJ, Wang PC, NMR Imaging of Moisture Gradients in Lumber 1989 Annual Meeting Forest Products Research Society, Reno, Nevada June 25-29.
38. Mitchell AD, Wang PC, Elsasser TH. Assessment of Total Body Protein Status of Mice by Proton NMR Spectroscopy, J. Anim. Sci. 67 (Suppl1):225, 1989.
39. Mitchell AD, Wang PC, Roseburough RW, Elsasser TH, NMR Imaging and Whole Body Proton NMR Spectroscopy of Chicken and Turkey Poult. Poultry Science Association. Poult.Sci 68(Suppl. 1):98, 1989.
40. Mitchell AD, Wang PC. Analysis of body composition of the pig by three-dimensional reconstruction of NMR cross-sectional images. Annual Meeting of the American Society of Animal Science, July 31-August 3, 1990, Iowa State University.
41. Wang CY, Wang PC. Nuclear Magnetic Resonance Imaging of Chilled and Nonchilled Zucchini Squash. 88th Annual Meeting of American Society of Horticultural Science, The Pennsylvania State University, University Park, PA, July 19-24, 1991.
42. Mitchell AD, Wang PC and Evock CM. Body composition analysis of control and GH treated pigs by NMR imaging. Annual Meeting of the American Society of Animal Science, University of Wyoming, August 6-9, 1991.
43. Mitchell AD, Wang PC, Schmidt WF, Waterman RA and Elsasser TH. In Vivo C13 NMR characterization of the lipid composition of rats fed diets supplemented with triglycerides. FASEB 1991.

44. Wang PC, Conway JM, Teal JS. MRI study of volumetric changes in adipose tissue during weight reduction. 16th International Conference on Medical and Biological Engineering and 9th International Conference on Medical Physics. July 7-12, Kyoto, Japan, 1991.
45. Mitchell AD, Wang PC, Elsasser TH and Schmidt WF. Application of NMR spectroscopy and imaging for body composition analysis related to sequential measurement of energy deposition. 12th Symposium Energy Metabolism of Farm Animal. Switzerland Sep 1-7, 1991.
46. Wutscher HK, Wang PC. NMR Imaging of Water Distribution in the Truck and Scaffold Roots of 'Valencia' Orange Trees with and without Citrus Blight. 88th Ann Meeting of the American Society for Horticultural Science (ASHS). July 19-24, Pennsylvania State University, PA. 1991.
47. Wang PC and Wang CY. Study of Chilled and Nonchilled Zucchini Squash By NMR Imaging. 1st Intern'l Conference on NMR Microscopy. September 16-19, 1991. Heidelberg, Germany.
48. Wang PC and Kan LS. Real-time Imaging of Acute Cadmium Toxicity in Cherrystone Clams (Mercenaria mercenaria) by NMR. 1st International Conference on NMR Microscopy. September 16-19, 1991. Heidelberg, Germany.
49. Mitchell AD, Wang PC, Song HF, Schmidt WF. Body Composition Analysis of The Pig by Magnetic Resonance Imaging. International Symposium on in vivo Body Composition Studies. November 10-12, 1992. Baylor College of Medicine, Houston, TX.
50. Ting P, Wang PC, Tang S, Song HF, Xu S. Neuropathophysio-Biochemical Profiles of Neonatal Asphyxia. 9th International Symposium of Brain Edema. Tokyo, Japan, May 16-19, 1993.
51. Wang PC, Chen CS, Song HF, Liu YC, Chen CN. The First Direct Evidence of a Unique Drug Epimeric Conversion Shown by in vivo NMR 13C Spectroscopy. 12th Annual Society of Magnetic Resonance Meeting. New York, August 14-20, 1993.
52. Ting P, Wang P, Song H, Xu S. Significance of Early Transient Postasphyxic Elevation of ICP in Newborn Lambs. 16th International Symposium on Neonatal Intensive Care, Sanremo, Italy. May 12-15, 1994.
53. Maduh EU, Nealley EW, Wang PC, Song HF, Baskin SI. Cynide stimulates cell energy transients in the brain of miniature swine. Society of Toxicology 33rd Annual Meeting, March 13-17, The Toxicologist, vol. 14, no. 1 p. 343, 1994.
54. Maduh EU, Nealley EW, Wang PC, Song HF, Baskin SI. Protein kinase C (PKC) inhibition ameliorates cyanide-stimulated cell energy transients in brain of miniature swine. Experimental Biology '94, Anaheim, CA, April 24-28, FASEB, 1994.
55. Yan ZJ, Song HF, Wang PC. Two Methods For Elimination of Baseline Artifacts From the Filter Transient Response. 35th Experimental NMR Conference, Pacific Grove, CA, April 10-15, 1994.
56. Wang PC, Song HF, Yan ZJ. Detection of Hollow Heart and Brown Center of Potatoes by NMR. 35th Experimental NMR Conference, Pacific Grove, CA, April 10-15, 1994.
57. Bond V, Wang P, Adams R, Johnson AT, Tearney RJ, Blakely R, Vaccaro P, Banks M, Don Franks B, Bassett DR. Lower Leg Isokinetic Training and Peripheral Hemodynamic Adaptations. Am. College of Sport Medicine 1995 Annual Meeting, Minneapolis, MN, May 31-June 3, 1995.
58. Scholz AM, Mitchell AD, Wang PC, Song HF, Yan Z and Scholz W. In vivo analysis of muscle metabolism by means of P31 Nuclear Magnetic Resonance Spectroscopy in pigs of different susceptibility. The 36th Experimental NMR Conference, Boston, MA, March 26-30, 1995.
59. Mitchell AD, Song HF, Yan ZC and Wang PC. In vivo measurement of ehionine induced hepatic ATP depletion in rats by P31 NMR spectroscopy. FASEB, vol 9:pA-192, 1995.
60. Chen DT, Frederick TL, Wang PC, Gordon WR and Song HF. NMR Observations on Water Distribution in American Elms Infected with the Dutch elm disease. ABS Bulletin 42(2):91, 1995.
61. Scholz AM, Mitchell AD, Wang PC, Song HF and Yan ZJ. NMR Study on Muscle Metabolism and Body Composition of Pigs with different Ryanodine Receptor Genotypes. Third Meeting of SAR, August 19-25, 1995, Nice, France.
62. Scholz AM, Mitchell AD, Wang PC, Song HF, Yan Z, Scholz W. Muscle Metabolism of Pigs with Different Ryanodine Receptor Genotypes Studied by Means of 31P Nuclear Magnetic Resonance Spectroscopy. MRIM. 1995
63. Scholz AM, Mitchell AD, Wang PC, Song HF, Yan Z. Muscle metabolism of pigs with different ryanodine receptor genotypes studied by means of 31P nuclear magnetic resonance spectroscopy. BARC Symposium 1995
64. Scholz AM, Mitchell AD, Wang PC, Song HF and Yan ZJ. Muscle and fat deposition of pigs with different ryanodine receptor genotypes from 10 to 90 kg body weight studied by means of magnetic resonance imaging. J. Animal Sci. 73, Suppl.1, 137.
65. Scholz AM, Mitchell AD, Wang PC, Song HF and Yan ZJ. Muscle metabolism of pigs with different ryanodine receptor genotypes studies by means of P31-nuclear magnetic resonance spectroscopy. J. Animal Sci. 73, Suppl.

1, 162.

66. Conway JM, Chanetsaa FF, Wang PC. Intra-abdominal Adipose Tissue and Antropometric Surrogates in Upper and Lower Body Obese Black Women. Int'l Symposium on Body Composition. Malmo, Sweden. Sep 18-20, 1996.
67. Conway JM, Hallfrisch J and Wang PC. Sagittal Diameter as Predictor of Visceral Adipose Tissue and Risk for Disease in Overweight African-American. North American Association for the Study of Obesity. October 12-15, 1996.
68. Wang PC, Wang CY, Song HF and Yan ZT. Nuclear Magnetic Resonance Imaging Detects Internal Defects In Potatoes. Am Soc Hort Sci, Salt Lake City, Utah, July 22-26, 1997.
69. Ting P, Wang PC. Significance of Early Transient Postasphyxic Elevation of ICP in Newborn Lambs. 10 International Symposium on Intracranial Pressure and Neuromonitoring in Brain Injury. Williamsburg, VA. May 25-29, 1997.
70. Scholz AM, Mitchell AD, Wang PC. Muscle Metabolic Changes in Pigs of Different Ostresso Genotypes Studied by Means of 31P and 13C Nuclear Magnetic Resonance Spectroscopy. EAAP. 1997.
71. Mitchell AD, Wang PC, Song HF, Conway JM, Scholz AM. Application of Magnetic Resonance Imaging and Dual –energy X-ray Absorptiometry for the Measurement of Body Composition of Pigs. 8th World Conference on Animal Production, Seoul National University, Seoul, Korea. 1998.
72. Wang PC. Biomedical Applications of Nuclear Magnetic Resonance Imaging and Spectroscopy. Symposium on Recent Trends in Physics. FuJen University, Taipei, Taiwan, November 27, 1999.
73. Wang PC, Aszalos A, Vick JA. F19 NMR Study of Trifluoperazine Crossing Blood-Brain-Barrier Due To P-glycoprotein Modulation. International Society for Magnetic Resonance 8th Scientific Meeting. Denver, Colorado, 2000.
74. Mitchell AD, Scholz AM, Wang PC, Song HF. Prediction of Total Body Composition of Pigs Based on Magnetic Resonance Imaging Analysis. Experimental Biology 2000, San Diego, CA. 2000.
75. Zhou JW, Agwu CE, Li EC, Wang PC. An Improved NMR Perfusion System For Breast Cancer Cell Study. 42nd Experimental NMR Conference, March 11-16, Orlando, FL. 2001.
76. Li EC, Wang PC, Sovin JP, Lee E, Roh MS. Seed Germination Observed by Magnetic Resonance Imaging. 42nd Experimental NMR Conference, March 11-16, Orlando, FL. 2001.
77. Ting P, Wang PC, Kinnard L, Herman MM, Cohn R. Early EEG and Diffusion MRI (dMRI) Changes in an Experimental Model of Severe Periventricular Leukomalacia (PVL). 2001 Pediatric Academic Societies Meeting, May 1, Baltimore, MD. 2001.
78. Roh MS, Wang PC, Li EC, Chouihka M. The Influence of Seed Maturity, Cold and Gibberellic Acid Treatments on Germination and Physiological Changes in Styrax Japonicus Seeds. 98th Annual Meeting of American Society for Horticulture Sciences, Sacramento, CA, July 22-25, 2001.
79. Agwu EC, Zhou JW, Sridhar R, Wang PC. An Improved NMR Perfusion System For Breast Cancer Cell Study. Association For Academic Minority Physicians 15th Annual Scientific Meeting, October 12-14, Washington, DC. 2001. Zhang RS, Li EC, Ali YD, Song HF, Fan KJ, Pirollo KF, Chang EH, Wang PC. Dynamic Magnetic Resonance Imaging of Prostate Cancer in Mice. American Association for Cancer Research, Molecular Imaging Conference, January 23-27, 2002, Orlando, Fl.
80. Wang PC, Zhou JW, Agwu CE, Li E, Sridhar R. An Improved Perfusion System for NMR Study of Breast Cancer Cells. Era of Hope 2002, September 25-28, 2002, Orlando, Fl.
81. Kinnard L, Lo S-C.B, Wang PC, Freedman MT, Chouikha M, Separation of Malignant and Benign Masses in Mammography using Maximum-Likelihood Modeling and Neural Networks. SPIE Med Imaging, 2002.
82. Kinnard L, Lo S-C. B, Freedman MT, Wang PC, Chouikha M. Likelihood features with circular processing-based neural network for the enhancement of mammographic mass classification. SPIE Med Imaging, February 15-20, 2003, San Diego, CA.
83. Wang PC, Aszalos A, Li E, Zhang R, Song H. A Pharmacokinetic Study of Trifluoperazine Crossing Blood-Brain-Barrier Due to P-glycoprotein Modulation. ISMRM, Workshop on Dynamic Spectroscopy and Measurement of Physiology and Function. September 6-8, 2003, Orlando, Fl.
84. Kinnard L, Lo SB, Makariou E, Osicka T, Wang PC, Freeman M, Chouikha M. Likelihood Function Analysis For Segmentation of Mammographic Masses For Various Margin Groups. International Society of Biomedical Imaging, April 15-18, 2004, Arlington, VA.
85. Wang PC, Aszalos A, Li E, Zhang R, Song H, Malveaux R. A NMR Study of Trifluoperazine Crossing Blood-Brain-Barrier Due to P-glycoprotein Modulation. ISMRM 12th Annual Meeting, May 17-21, 2004, Kyoto, Japan.
86. Wang PC, Li E, Zhang R, Song H, Pirollo K, Chang EH. MR Image Enhancement by Tumor Cell Targeted Immunoliposome Complex Delivered Contrast Agent. Society for Molecular Imaging 3rd Annual Meeting,

September 9-12, 2004, St. Louis, MO.

87. Manaye KF, Wang PC, O'Neil J, Oei A, Song H, Tizabi Y, Ingram DK, Mouton PR. In vivo and In vitro Stereological Analysis of Hippocampal and Brain Volumes in Young and Old APP/PS1 Mice Using Magnetic Resonance Neuroimages. Society of Neuroscience 34th Annual Meeting, October 23-27, 2004, San Diego, CA.
88. Wang PC, Aszalos A, Li E, Zhang R, Song HF, Malveaux R. Increased Transport of Trifluoperazine Across the Blood-Brain-Barrier Due to Modulation of P-glycoprotein. 9th RCMI International Symposium on Health Disparities. December 8-11, 2004, Baltimore, MD.
89. Agwu CL, Zhou J, Li E, Sridhar R, Wang PC. NMR Studies of Phosphorus Metabolites of Breast Cancer Cells Using An Improved Cell Perfusion System Applications for the Improved NMR Perfusion System for Breast Cancer Cell Study. 9th RCMI International Symposium on Health Disparities. December 8-11, 2004, Baltimore, MD.
90. Manaye KF, Wang PC, O'Neil J, Oei A, Song HF, Tizabi Y, Ingram DK, Mouton PR. In-Vivo and In-vitro Stereological Analysis of Hippocampal and Brain Volumes in Young and Old APP/PS1 Mice Using Magnetic Resonance Neuroimages. 9th RCMI International Symposium on Health Disparities. December 8-11, 2004, Baltimore, MD.
91. Haddad GE, Wang PC, Coleman BR, Zhao A, Blackwell KN. Protein Kinase Regulation of Atrial Contraction during Eccentric Cardiac Hypertrophy. 9th RCMI International Symposium on Health Disparities. December 8-11, 2004, Baltimore, MD.
92. Ting P, Wang PC, Cohn R. Early neurophysiologic-pathological Profiles in an Experimental Model of Periventricular Leukomalacia (PVL). Hot Topic in Neonatology. December 12-14, 2004, Washington, DC.
93. Zhao A, Teos LY, Wang PC, Blackwell KN, Haddad GE. Alterations in ANG II and IGF-1 signaling pathways during eccentric cardiac hypertrophy. Experimental Biology/ 35th Int Congress of Physiological Sciences, FASB 19(4): A557, 2005, March 31-April 5, 2005, San Diego, CA.
94. Wang PC, Pirollo K, Song HF, Shan L, Bhujwalla Z, Chang E. Evaluation of Transferrin Receptor Targeted Immunoliposome Contrast Agent Delivery System for In Vivo MR Imaging in Solid Tumor Xenografts. The Society of Molecular Imaging 4th Annual Meeting, September 7-10, 2005, Cologne, Germany.
95. Freedman M, Pirollo K, Fricke S, Wang PC, Chang E. Imaging of pancreatic carcinoma xenografts in athymic nude mice with carcinoma selective transferrin receptor targeting gadopentetate dimeglumine contrast agent. Radiological Society of North America 2005 Annual Meeting, Chicago, IL, Nov 27- Dec 2, 2005.
96. Zhao A, Teos LY, Wang PC, Blackwell KN, Haddad GE. Alterations in ANGII and IGF-1 signaling pathways during eccentric cardiac hypertrophy. FASEB J, 19(4): A557, 2005
97. Zhao A, Wang PC, Wang S, Li C, Laurence GG, Teos L, Haddad GE. Effects of ACE-Inhibition on ANG II and IGF-1 signaling during development and regression of eccentric cardiac hypertrophy. FASEB J. 495.3,.A834, 2006
98. Wang PC, Shan L, Wang S, Sridhar R, Bhujwalla Z, A Dual Probe with both Fluorescent and MR Reporters for Imaging Solid Tumor Xenografts. The Society of Molecular Imaging 5th Annual Meeting, August 29-September 2, 2006, Big Island, HI.
99. Shan L, Wang SP, Zhou YF, Wang PC. In Vivo Optical Imaging of Transferrin Receptors: Visualization of Tumor Biomarkers. 5th Asia Pacific Organization of Cell Biology, Oct 27-30, 2006, Beijing, China.
100. Wang PC, Shan L, Wang SP, Sridhar R, Bhujwalla ZM. Molecular Imaging of Solid Tumor Xenografts Using a Dual Fluorescent and MR Probe. 10th RCMI International Symposium, Dec 13-16, 2006, San Juan, Puerto Rico.
101. Chang, Hon-Yen Hsu, James Hsu, Wei-Cheng Yao, Ming-Sin Hsu, Ming-Chung Chen, Shi-Chen Lee, Charles Hsu, Lidan Miao, Kenny Byrd, Mohamed F. Chouikha, Xin-Bin Gu, Paul C. Wang, Harold Szu. Nonintrusive methodology for wellness baseline profiling. SPIE Defense and Security Symposium, "Independent Component Analyses, Wavelets, Unsupervised Nano-Biomimetic Sensors, and Neural Networks V", April 9-13, 2007, Orlando, Fl.
102. Zhang R, Shan L, Zhou YF, Wang PC, Sridhar R. Rapid detection of cell death in a bioluminescent human breast cancer cell line subjected to hyperthermia. American Association for Cancer Research. April 14-18, 2007. Los Angeles, CA.
103. Wang PC, Shan L, Hao Y, Zhang D, Zhang R, Korotcov A, Wang TX, Califano J, Gu X. Optical Imaging of Head and Neck Squamous Cell Carcinoma Xenografts Using Near-infrared Fluorescent Transferrin Conjugate. Joint Molecular Imaging Conference, pp.318, Providence, RI, Sep 8-11, 2007Wang PC. Molecular Imaging of Solid Tumor Xenografts Using a Dual Fluorescent and MR Probe. Progress in Biochemistry and Biophysics. vol 34(1):95, YiChang, China, Oct 12-15, 2007.
104. Liang XJ, Wang PC. Circumventing Malignant Tumors by Innovative and Effective Nanoparticle as Novel Chemotherapeutic Agent. Progress in Biochemistry and Biophysics. Vol 34(1):104, YiChang, China, Oct 12-15, 2007.

105. Wang PC. Molecular Imaging of Solid Tumor Xenografts Using a Dual Fluorescent and MR Probe, National Center for Nanoscience and Technology, Beijing, China. Oct 9. 2007.
106. Wang PC. Molecular Imaging of Tumor in Small Animals. NanChang, JiangXi, China. Oct 12, 2007.
107. Wang PC. Molecular Imaging of Solid Tumor Xenografts Using a Dual Fluorescent and MRI Probe. Fu Jen Catholic University, Taipei, Taiwan. Oct 24, 2007.
108. Wang PC. Studying of Solid Tumor in Small Animals Using Various Imaging Modalities. National Chung Shing University, TaiChung, Taiwan. Oct 26, 2007.
109. Wang PC. Molecular Imaging Laboratory. Howard University Nanotechnology Symposium. Nov 5-6, 2007.
110. Wang PC. Howard University Molecular Imaging Laboratory, National Children's Hospital, Washington, DC, January 9, 2008.
111. Wang PC. Molecular Imaging of Solid Tumor Xenografts Using a Dual Fluorescent and MRI Probe. Howard University Biochemistry and Molecular Biology Department, February 14, 2008.
112. Wang PC, Wang TX, Shan L, Wang SP, Korotcov A. Molecular Imaging of Solid Tumor in Small Animal Using a Dual Fluorescent and MRI Probe. BIROW, Rockville, MD, Jan 17-19, 2008.
113. Shan L, Korotcov A, Wang SP, Wang TX, Wang PC. Molecular Imaging of Solid Tumor in Small Animal Using a Dual Fluorescent and MRI Probe. Cancer Nanobiology Think Tank, NCI, Fredrick, MD, May 24, 2008.
114. Wang PC. Molecular Imaging Laboratory at Howard University. Era of Hope: Building Networks Symposium. Baltimore, MD, June 24-25, 2008
115. Wang TX, Shan L, Korotcov A, Wang SP, Zhou YF, Wang PC. Surface Coating and Bioconjugating of Quantum Dots for Non-invasive Detection of Breast Cancer. Era of Hope. Baltimore, MD, June 25-28, 2008.
116. Shan L, Wang SP, Zhou YF, Korotcov A, Zhang RS, Wang TX, Sridhar R, Bhujwalla ZM, Wang PC. Targeted Fluorescent Liposome Nanoparticles for Molecular Imaging of Breast Cancer Xenografts in Mouse. Era of Hope. Baltimore, MD, June 25-28, 2008.
117. Korotcov A, Shan L, Wang SP, Wang TX, Sridhar R, Bhujwalla ZM, Wang PC. Targeted DCE-MRI for Imaging and Characterization of Solid Tumor Xenografts. Era of Hope. Baltimore, MD, June 25-28, 2008.
118. Wang PC, Zhang RS, Sridhar R, Shan L. Imaging Molecular Events Underlying HC11 Mammary Epithelial Cell Differentiation. World Molecular Imaging Congress. Nice, France, September 10-13, 2008.
119. Wang PC. Molecular Imaging of Solid Tumor Xenografts Using a Dual Fluorescent and MRI Probe. Xiamen, China, October 6, 2008.
120. Wang PC. Lecture Series: Nuclear Magnetic Resonance Imaging. Chinese National Center for Nanosciences and Technology. Beijing, China, October 8, 10, 12 and 14, 2008.
121. Wang PC. Howard University Molecular Imaging Laboratory. Howard University Nanotechnology Symposium. Nov 11, 2008.
122. Korotcov AV, Shan L, Wang SP, Wang T, Chen Y, Sridhar R, Bhujwalla ZM, Wang PC. Dynamic Contrast Enhanced MRI of Solid Tumor Xenografts using Transferrin-conjugated Liposomal Nanocomplex. Howard University Nanotechnology Symposium. Nov 11, 2008.
123. Shan L. A Cell-based Imaging Technique for High Throughput Screening of Disruptors of Mammary Gland Differentiation. Howard University Nanotechnology Symposium. Nov 11, 2008.
124. Wang T, Sridhar R, Ting AH, Francis K, Mitchell J, Wang PC. Synthesis of Amphiphilic Triblock Copolymers as Multidentate Ligands for Surface Coating of Quantum Dots. Howard University Nanotechnology Symposium. Nov 11, 2008.
125. Wang PC. Dual Fluorescent and MR Probe and High Throughput Screening Using Optical Imaging Method. Institute of High Energy Physics, Beijing, China. February 13, 2009.
126. Wang PC. Visualizing head and neck tumors in vivo using near-infrared fluorescent transferrin conjugate. Metropolitan Biophotonics Symposium, Washington DC April 6, 2009.
127. Korotcov A, Shan L, Wang PC. A Nanocomplex System as Targeted Contrast Agent Delivery Vehicle for MRI Dynamic-Contrast-Enhancement Study. ChinaNANO 2009, Beijing, China, Sep 1-3, 2009.
128. Wang PC. Molecular Imaging of Solid Tumor Xenografts Using a Dual Fluorescent and MRI Probe. Peking University, September 4, 2009.
129. Wang PC. Molecular Imaging of Solid Tumor Xenografts Using a Dual Fluorescent and MR Probe. Shanhai University, September 8, 2009.
130. Wang PC. Molecular Imaging of Solid Tumor Xenografts Using a Dual Fluorescent and MRI Probe. Suzhou Institute of Nano-Tech and Nano-Bionics, September 11, 2009.
131. Wang TX, Wang PC. Synthesis of Amphiphilic Triblock Copolymers with Multidentate Ligands for Surface Coating of Quantum Dots. 2009 World Molecular Imaging Congress. Montreal, Canada, Sep 23-26, 2009.
132. Wang PC. Dual Probe with Fluorescent and Magnetic Properties for Imaging of Solid Tumor Xenografts. Howard University, MD/PhD Seminar, January 27, 2010.

133. Wang PC. Molecular Imaging of Solid Tumor Xenografts Using a Dual Fluorescent and MRI Probe. George Washington University, Department of Chemistry Seminar, January 29, 2010.
134. Wang PC. Nanoparticles as Carriers of Contrast Agents for MRI and Optical Imaging. McDonnell Foundation, Howard University, March 11, 2010.
135. Wang PC, Meng H, Liang XJ. Metallofullerene nanoparticles circumvent tumor resistance to cisplatin by reactivating endocytosis. College of Medicine Research Day, Howard University, April 30, 2010.
136. Wang PC, Meng H, Zhao YL, Liang XJ. Overcoming Tumor Resistance to Cisplatin By Metallofullerene Nanoparticles. 5th Annual Nanobiology Thinktank, Frederick, MD, June 3, 2010.
137. Wang PC, Meng H, Zhao YL, Liang XJ. Metallofullerene Nanoparticles Improve Defective Endocytosis to Circumvent Tumor Resistance To Cisplatin. 2010 World Molecular Imaging Congress, Kyoto, Japan, Sep 8-11, 2010.
138. Korotcov AV, Ye Y, Chen Y, Sridhar R, Wang PC. Fluorescent Glucosamine Linked Near-infared Fluorescent Probes for Noninvasive Imaging of Solid Tumor Xenografts. World Molecular Imaging Congress, Kyoto, Japan, Sep 8-11, 2010.
139. Ye Y, Korotcov AV, Xu B, Bloch S, Chen Y, Wang PC, Achilefu S. Novel Divalent Disulfide-based Cyclic RGD Peptides for Integrin-targeted Tumor Optical Imaging. World Molecular Imaging Congress. Kyoto, Japan, Sept 08-11, 2010.
140. Wang PC. Nanoparticles as Carriers of Contrast Agents for MRI and Optical Imaging, TianJing University, TianJing, China, Oct 22, 2010.
141. Wang PC. Applications of Nanotechnology in Medical Imaging and Targeted Drug Delivery, Fu Jen Catholic University, Taipei, Taiwan, Dec 1, 2010.
142. Wang PC. Nanotechnology in Medicine, National TsingHwa University, HsiChu, Taiwan, Dec. 8, 2010.
143. McDonald MA, Wang PC, Siegel E. Protein Nanospheres: Synergistic Nanoplatform-Based Probes for Multimodality Imaging, SPIE, San Diego CA, Feb 2011.
144. Korotcov AV, Wang T, Chen Y, Sridhar R, Mitchell J, Wang PC. 31P NMR Study of Thiol Mediated Degradation of TOPO-Quantum Dots. Howard University College of Medicine Research Day, Howard University, April 15 2011.
145. Korotcov AV, Ishibashi N, Korotcova L, Chen Y, Stephen L, Scafidi J, Murata A, Zurakowski D, Gallo V, Jonas RA, Wang PC. Use of MRI, MRS and DTI to Assess Cerebral White Matter Cellular Response to Cardiopulmonary Bypass in a Porcine Bypass Survival Model. Howard University College of Medicine Research Day, Howard University, April 15 2011.
146. Ye Y, Chen Y, Huang S, Korotcov A, Wang P. Optical imaging of prostate cancer by near-infrared fluorescent divalent RGD compounds. Howard University College of Medicine Research Day, Howard University, April 15 2011.
147. Sha W, Gu XB, Guo YH, Wang PC, Sukumar S, Zhou YF, Salvianolic Acid B inhibits both ER-α +/- breast cancer cell growth in vivo and in vitro. AACR, Orlando, FL, April 4-6, 2011.
148. Korotcov AV, Wang T, Chen Y, Sridhar R, Mitchell J, Wang PC. 31P NMR Study of Thiol Mediated Degradation of TOPO-Quantum Dots. Era of Hope, Orlando, FL, August 2-5, 2011.
149. Korotcov AV, Wang T, Sridhar R, Wang PC Study of TOPO-Quantum Dot Degradation by 31P NMR. World Congress of Molecular Imaging, San Diego, CA, Sep 9-10, 2011.
150. Wang PC, Liang XJ. Applications of Nanoparticles for In Vivo Imaging, ChinaNano 2011, Beijing, China, Sep 6-9, 2011.
151. Wang PC. Nanoparticles as Targeted Drug Delivery Vehicles for Molecular Imaging and Chemotherapy Applications. Hebei People's Hospital, Shijiazhuang, Hebei, China, Sep 13, 2011.
152. Wang PC. Nanoparticles as Targeted Drug Delivery Vehicles for Molecular Imaging and Chemotherapy Applications. Peking Union Medical College, Beijing, China, Sep 15, 2011.
153. Wang PC. Applications of Nanoparticles for In Vivo Imaging. Institute of Biophysics, Chinese Academy of Sciences, Beijing, China, Sep 16, 2011.
154. Wang PC. Nanoparticles as Targeted Drug Delivery Vehicles for Molecular Imaging and Chemotherapy Applications. Chinese National Center for Nanoscience and Nanotechnology, Beijing, China, Sep 16, 2011.
155. Wang PC. Nanoparticles as Targeted Drug Delivery Vehicles for Molecular Imaging and Chemotherapy Applications. University of Rhode Island, Kingston, RI, November 18, 2011.
156. Wu CS, Huang S, Korotcov, Lin S, Andreev OA, Reshetnyak YK, Wang PC. pH Sensitive Nanoprobe for Tumor Targeting. Howard University College of Medicine, Research Day Symposium, April 13, 2012
157. Lin S, Korotcov A, Wu CS, Oh L, Wang PC. In vivo and ex vivo brain and spine magnetic resonance imaging in multiple sclerosis mouse model. Howard University College of Medicine, Research Day Symposium, April 13, 2012

158. Wang1 PC, Wang TX, Korotcov AV, Sridhar R, Chen Y, Mitchell J. Study of TOPO-Quantum Dot Degradation by 31P NM, The 6th International Conference on Nanotoxicology, Beijing, September 4-7, 2012.
159. Huang R, Gao RM, Drain CM, Wang PC, Gu XB, Imidazole-modified porphyrin ring (TIEBAP) fro photodynamic therapy in cisplatin-resistant oral carcinoma cells in vitro and in vivo. 13th International RCMI Symposium on Health Disparity. San Juan, Puerto Rico, Dec 10-13, 2012.
160. Korotcov AV, Ishibashi N, Korotcova L, Chen Y, Lin S, Jonas RA, Wang PC. Cerebral white matter response to cardiopulmonary bypass in piglets. 13th International RCMI Symposium on Health Disparity. San Juan, Puerto Rico, Dec 10-13, 2012.
161. Lin S, Korotcov AV, Wu CS, Oh L, Wang PC. In vivo magnetic resonance imaging of multiple sclerosis mice. 13th International RCMI Symposium on Health Disparity. San Juan, Puerto Rico, Dec 10-13, 2012.
162. Wang PC. Introduction of Molecular Imaging laboratory at Howard University. 13th International RCMI Symposium on Health Disparity. San Juan, Puerto Rico, Dec 10-13, 2012.
163. Wright D, Lin S, Lin PC, Wu CS, Zhang D, Duerinckx A, Wang PC, Lee DL. Renal oxygenation levels are decreased in Peroxisome Proliferator Activated Receptor - α knockout mice during Angiotensin II hypertension. College of Medicine Research Day, Howard University, Washington DC, April 3, 2013.
164. Wright D, Lin S, Lin PC, Wu CS, Zhang D, Duerinckx A, Wang PC, Lee DL. Renal oxygenation levels are decreased in Peroxisome Proliferator Activated Receptor - α knockout mice during Angiotensin II hypertension. DB Johnson Distinguished Lecture, Howard University, Washington DC, April 3, 2013.
165. Wang PC. Applications of Nanotechnology in Medical Imaging and Targeted Drug Delivery. Howard University Cancer Center, July 2, 2013
166. Zhang FY, Shan L, Liu YY, Neville D, Woo JH, Chen Y, Korotcov A, Lin S, Huang S, Sridhar R, Liang W, Wang PC. An Anti-PSMA Bivalent Immunotoxin Exhibits Specificity and Efficacy for Prostate Cancer Imaging and Therapy, ChinaNano 2013, Beijing, China, Sep 4-7, 2013.
167. Wang PC, Introduction of Howard University Biomedical Imaging Core. RTRN Research Resources Spotlight Webinar, Sep 26, 2013.
168. Wright D, Lin S, Lin PC, Wu CS, Zhang D, Duerinckx A, Wang PC, Lee DL. Measuring Renal Oxygenation in a Mouse Model of Volume-Dependent Hypertension using BOLD MRI. Radiological Society of Northern America, Chicago, IL, Dec 1-6, 2013.
169. Wang PC. Molecular Imaging and Nanoparticles as Drug Delivery Vehicles. Industrial Technology Research Institute, HsiChu, Taiwan, Dec.10. 2013.
170. Wang PC, Magnetic Resonance Imaging: Principles and Instrumentation. Fu Jen University Department of Electrical Engineering, Taipei, Taiwan, Dec. 11, 2013
171. Wang PC. Introduction of Howard University Molecular Imaging laboratory. Fu Jen University Medical School, Taipei, Taiwan, Dec 13, 2013.
172. Zhang Z, Wang J, Nie X, Chen C, Wang PC. Near Infrared Laser Mediated Targeted Tumor Thermo-chemotherapy Using Thermosensitive Polymer Coated Gold Nanoparticles. Howard University Research Day 2014. Washington DC. April 4, 2014.
173. Shan L, Lin S, Lin PC, Zhang Z, Liu Y, Wang PC. Engineered Antibody Fragments and Immunotoxin for Targeted Imaging and Therapy of Prostate Cancer. Howard University Research Day 2014. Washington DC. April 4, 2014.
174. Lin S, Shan L, Lin PC, Zhang Z, Gu X, Wang PC. Construction of Transferrin Receptor–targeted Multi-modality Agents for Cancer Imaging. Howard University Research Day 2014. Washington DC. April 4, 2014.
175. Wang PC. Howard University Biomedical Core Facility. Howard University Research Day 2014. Washington DC. April 4, 2014
176. Zhang Z, Wang J, Nie X, Chen C, Wang PC. Near Infrared Laser Mediated Targeted Tumor Thermo-chemotherapy Using Thermosensitive Polymer Coated Gold Nanoparticles. Howard University Radiology Imaging Symposium. Washington DC. May 6, 2014.
177. Shan L, Lin S, Lin PC, Zhang Z, Liu Y, Wang PC. Engineered Antibody Fragments and Immunotoxin for Targeted Imaging and Therapy of Prostate Cancer. Howard University Radiology Imaging Symposium. Washington DC. May 6, 2014.
178. Lin S, Shan L, Lin PC, Zhang Z, Gu X, Wang PC. Construction of Transferrin Receptor–targeted Multi-modality Agents for Cancer Imaging. Howard University Radiology Imaging Symposium. Washington DC. May 6, 2014.
179. Wang PC. Molecular Imaging Laboratory. Howard University Radiology Imaging Symposium. Washington DC. May 6, 2014.
180. Wang PC. Targeted Liposome MR Contrast Deliveryand Recombinant Immunotoxins (RITs) for Cancer Therapy. 4th US-China Symposium on Nanobiology and Nanomedicine. AAAS, Washington, DC. October 15-

17, 2014.

181. Ishibashi N, Korotcov AV, Kortcova L, Lin S, Agematsu K, Wang PC, Jonas RA. Altered Fractional Anisotropy in the Developing White Matter after Congenital Heart Surgery, Society of Neuroscience Annual Meeting, Washington, DC. Nov. 15-19, 2014.
182. Shan L, et al. EGFR and EGFRvlll-bispecific Immunotoxin for Glioblastoma Therapy. 2014 Minority Health and Health Disparities Grantees' Conference, Washington, DC, 12/1/2014 - 12/3/2014.
183. Lin S et al. Cancer Imaging with a Targeted Dual-Modality Nanoprobe, 2014 Minority Health and Health Disparities Grantees' Conference, Washington, DC, 12/1/2014 - 12/3/2014.
184. Zhang Z et al. Near Infrared Laser Mediated Targeted Tumor Thermo-Chemotherapy Using Thermosensitive Polymer Coated Gold Nanoparticle, 2014 Minority Health and Health Disparities Grantees' Conference, Washington, DC, 12/1/2014 - 12/3/2014.
185. Wang PC. Introduction of Howard University Biomedical Imaging Core Facility. Children's National Medical Center, Washington, DC, February 12, 2015.
186. Lin S, Zhang ZJ, Wang PC. Fabrication of a Microfluidic Device for Generating Liposome Contrast Agent, Howard University Research Week, Washington, DC April 16, 2015.
187. Shan L, Meng J, Lin S, Gu XB, Wang PC. A Bivalent Recombinant Immunotoxin Exhibiting High Potency against Tumors with EGFR and EGFRvIII Expression. Howard University Research Week, Washington, DC, April 16, 2015.
188. Shan L, Meng J, Lin S, Gu, XB Wang PC. A Bivalent Recombinant Immunotoxin Exhibiting High Potency against Tumors with EGFR and EGFRvIII Expression, Howard University Imaging Conference, May 1, 2015
189. Wang PC. Howard University Imaging Core Facility. Nat TsingHwa Univ, HsinChu, Taiwan, May 4, 2015
190. Shan L, Lin S, Wang PC. Engineered Antibody Fragments for PSMA-targeted Imaging and Therapy of Prostate Cancer. World Molecular Imaging Conference 2015, Honolulu, HI, September 2-5, 2015.
191. Lin S, Zhang ZJ, Wang PC. Fabrication of a Microfluidic Device for Generating Liposomal Nanoparticles as Drug Delivery Vehicle. ChinaNANO 2015, Beijing, China, September 3-5, 2015.
192. Wang PC. Fabrication Microfluidic Device for Generating Liposome, Recombinant Immunotoxins (RITs) for Cancer Therapy, paraCEST MRI Agent for In Vivo pH Imaging. National Center for Nanoscience and Technology, Beijing, China, September 16, 2015.
193. Wang PC. Introduction of Howard University Molecular Imaging Lab – Applications of Nanotechnology in Medical Imaging and Targeted Drug Delivery. Catholic University of America, Washington, DC, October 28, 2015.
194. Wang PC. Howard University Biomedical Imaging Core Facility. Kunming Medical University Visit, Howard University Cancer Center, Washington DC, Jan 20, 2016.
195. Wu YK, Yu J, Sherry D, Wang PC. Highly Sensitive MRI Contrast Agents for Studying β-cell Function. Howard University Research Week, Washington DC, April 11-15, 2016.
196. Lin S, Stinnett G, Wang PC. 7T MR Anatomical and Diffusion Imaging in Ex-Vivo Pig Brains – A Pilot Study. Howard University Research Week, Washington DC, April 11-15, 2016.
197. Scafidi J, Edwards J, Talbot B, Lin S, Niforatos-Andescavage N, Wang PC. Intranasal epidermal growth factor treatment ameliorates hippocampal dysfunction in a mouse model of premature brain injury. Children's National Research Institution, Washington DC, April 18-22, 2016.
198. Lin S, Stinnett G, Wang PC. 7T MR Anatomical and Diffusion Imaging in Ex-Vivo Pig Brains – A Pilot Study. The 3rd Annual Imaging Symposium, Department of Radiology, Howard University, Washington DC, May 3, 2016.
199. Wu YK, Yu J, Martins AF, A. Sherry D, Wang PC. Highly Sensitive MRI Contrast Agents for Studying β-cell Function. The 3rd Annual Imaging Symposium, Department of Radiology, Howard University, Washington DC, May 3, 2016.
200. Shan L, Liu YY, Wang PC. Recombinant Immunotoxin for Cancer Therapy - A Strategy to Reduce Its Immunogenicity. The 3rd Annual Imaging Symposium, Department of Radiology, Howard University, Washington DC, May 3, 2016.
201. Nobuyuki Ishibashi, Alexandru V. Korotcov, Stephen Lin, Ludmila Korotcova, Gary R. Stinnett, Paul D. Morton, Shruti D. Ramachandra, Sonali Kumar, Kota Agematsu, David Zurakowski, PhD, Paul C. Wang, PhD, Richard A. Jonas, MD. Altered White Matter Anisotropy and Oligodendrocyte Dysmaturation after Congenital Heart Surgery. The International Society for Magnetic Resonance in Medicine (ISMRM) Workshop, September 11-16, 2016, Lisbon, Portugal.
202. Wang PC. Magnetic Resonance Imaging: Physics and Instrumentation. Fu Jen Catholic University, Taipei, Taiwan, Oct 24-28, 2016.
203. Nobuyuki Ishibashi, Alexandru V. Korotcov, Stephen Lin, Ludmila Korotcova, Gary R. Stinnett, Paul D.

Morton, Shruti D. Ramachandra, Sonali Kumar, Kota Agematsu, David Zurakowski, Paul C. Wang, Richard A. Jonas. Altered White Matter Anisotropy after Congenital Heart Surgery. 46th Annual Meeting of the Society for Neuroscience, November 12-16, 2016, San Diego, CA.

204. Wang PC. Molecular Imaging. Catholic University of America, Washington DC, February 16, 2017.
205. Wang PC. Howard University Biomedical Imaging Core Facility. Department of Pharmacology, Howard University, March 22, 2017.
206. Wang PC. Magnetic Resonance Imaging. Department of Ophthalmology, Howard University, Washington, DC March 23, 2017.
207. Wang PC. Optical Imaging and Magnetic Resonance Imaging in Cancer Research. Junior Charmettes Visit. Howard University Cancer Center. April 11, 2017.
208. Wang, PC. Introduction of Molecular Imaging Laboratory – A University Core Facility, HU Research Week, Howard University, April 10, 2017
209. Meshida K, Lin S, Wang PC, Gilland E. Comparative anatomy of extraocular muscles and orbital neurovascular structures in cetaceans and other marine mammals. Howard University Research Week, Washington DC, April 10-14, 2017
210. Wang, PC, Introduction of Howard University Molecular Imaging Laboratory, Ningbo Institute of Materials Technology and Engineering, Ningbo, China, September 13, 2017
211. Wang, PC. Nano Technology in Molecular Imaging, Zhejiang University, Hangzhou, China, September 14, 2017
212. Wang, PC. MRI Study of Bovine Knee Articular Cartilage Deformation, ISMRM MSK Conference, Hangzhou, China, September 15, 2017
213. Wang, PC. Principle of X-Ray Production. Fu Jen Catholic University, Taipei, Taiwan, September 22, 2017
214. Wang, PC. Magnetic Resonance Imaging, Fu Jen Catholic University, Taipei, Taiwan, Oct 26, 2017
215. Shan L, Lin S, Wang PC. Development of an EGFR and EGFRvlll-targeted Bivalent Recombinant Immunotoxin for Cancer Therapy. RCMI Translational Science 2017, Washington, DC, Oct 28-Nov 1, 2017
216. Xie G, Shan L, Lin S, Wang PC. EGFRvIII Mutation is a PD-L1/PD-L2 Immune Checkpoint Driver. RCMI Translational Science 2017, Washington, DC, Oct 28-Nov 1, 2017
217. Xie G, Shan L, Lin S, Wang PC. The EGFR mutated form, EGFRvIII, is a PD-L1/PD-L2 Immune Checkpoint Driver. RCMI Translational Science 2017, Washington, DC, Oct 28-Nov 1, 2017
218. Meshida K, Lin S, Wang PC, Gilland E. Comparative anatomy of extraocular muscles and orbital neurovascular structures in cetaceans and other marine mammals. Society for Neuroscience Annual Meeting, Washington DC, Nov. 11-15, 2017
219. Obisesan T, Lin S, Wang PC, Gondré-Lewis M, Early Life Stress induces an abnormal neurometabolic profile involving the Hippocampus, mPFC, and Amygdala. Society for Neuroscience Annual Meeting, Washington DC, Nov. 11-15, 2017
220. Wang PC. Introduction of Molecular Imaging Laboratory. Department of Biology, Howard University, Washington, DC February 28, 2018
221. Wang PC. Molecular Imaging Laboratory – A University Core Facility. Howard University Research Week, Washington, DC April 10, 2018
222. Wang PC. Molecular Imaging Laboratory. Department of Radiology Grand Round, April 30, 2018
223. Lin S, Tu TW, Shan L, Wang PC. Introduction of Howard Molecular Imaging Laboratory – A University Core Facility. Department of Radiology, Howard University, Washington, DC. May 9, 2018
224. Wang PC. Molecular Imaging – Optical Imaging and Magnetic Resonance Imaging, FDA OCE Youth Summer School Cancer Center, Howard University. Washington, DC, July 17, 2018
225. Naqvi K. Shan L, Wang PC. Development of an EGFR and EGFRvIII-targeted Recombinant Immunotoxin for Cancer Therapy. College of Medicine 2018 Summer Program, Howard University, Washington, DC July 20, 2018
226. Wang PC. Overseas Immersion Program. Fu Jen Foundation, Fu Jen Catholic University. Taipei, Taiwan. October 11, 2018
227. Wang PC. Pre-clinical Imaging Instrumentation and Applications. College of Medicine, Fu Jen Catholic University, Taipei, Taiwan. October 12, 2018
228. Dhari Z, Leonetti, C, Korotcova L, Lin S, Korotcov A, Howick J, Lee JG, Wang PC, Jonas RA, Ishibashi N. Impact of Cardiopulmonary Bypass on Postnatal Neurogenesis and Cortical Growth, 2019 Pediatric Academic Societies (PAS) Meeting, Baltimore, MD, April 24 – May 1, 2019
229. Hsu CH, Lin S, Johnson T, Wu KY, Chen LR, Wang PC, Scafidi J, Tu TW. GlucoCEST MRI Detects Metabolic Degradation in the Mouse Brain After Rapid Microwave Fixation. International Society of Magnetic Resonance, Montreal, QB, Canada, May 10-13, 2019.

230. Tu TW, Hsu CH, Johnson T, Wang PC, Scafidi J. Detection of Abnormal Glucose Uptake and Metabolism in Perinatal Hypoxia Using GlucoCEST MRI. International Society of Magnetic Resonance, Montreal, QB, Canada, May 10-13, 2019.
231. Leonetti, C, Dhari, Z, Korotcova, L, Lin S, Korotcov, AV, Howick, J, Li, JG, Wang, PC., Jonas, RA, Ishibashi, N. Impact of Cardiopulmonary Bypass on Postnatal SVZ Neurogenesis and Cortical Maturation, Neuroscience 2019, Chicago, IL, October 19-23, 2019
232. Dehkordi O, Wang PC, Lin S, Millis RM, Davila-Garcia MI. Metabolic Changes in Mice Nucleus Accumbens Following Acute IP Injection of Menthol. Neuroscience 2019, Chicago, IL, October 19-23, 2019
233. Dhari Z, Leonetti C, Korotcova L, Lin S, Korotcov A, Howick J, Li JG, Wang PC, Jonas RA, Ishibashi N, Impaired postnatal neurogenic activity and cortical maturation after cardiopulmonary bypass. Cardiac Neurodevelopmental Outcome Collaborative (CNOC), Oct 11-13, 2019.
234. Davila-Garcia MI, Wang P, Lin S. and Dehkordi O. 2020. Neurochemical Substrates of Menthol Actions in Reward-Addiction Brain Areas. EB-ASPET April 4-7, 2020, San Diego, CA.