Curriculum Vitae
Yu-Jui Yvonne Wan, PhD
Distinguished Professor
Department of Medical Pathology & Laboratory Medicine
University of California, Davis

Education:

1981 - 1983	Ph.D. Experimental Pathology, Drexel University, Philadelphia, PA
1979 - 1981	M.S. Experimental Pathology, Drexel University, Philadelphia, PA
1975 - 1979	B.S. Taipei Medical University, School of Pharmacy, Taipei, Taiwan

Professional Experience:

2022 - Present	Distinguished Professor, Department of Pathology & Laboratory Medicine, University of California, Davis.
2012 - 2024	Vice Chair of Research, Department of Pathology & Laboratory Medicine, University of California, Davis.
2012 - 2022	Professor, Department of Pathology & Laboratory Medicine, University of California, Davis.
2012 - 2017	Scientific Director of Biorepository, University of California, Davis.
2012 - 2015	Visiting Professor, Institute of Chinese Meteria Medica, Shanghai University of Traditional Chinese Medicine, Shanghai, China
2009 - 2018	Visiting Professor, Guangzhou Medical College, Guangzhou, China
2007 - 2012	Director, Liver Center, University of Kansas Medical Center (KUMC), KS
2007 - 2012	Leader, Cancer Biology Program, the University of Kansas Cancer Center, KS
2007 - 2010	Joy McCann Professor, KUMC
2006 - 2009	Adjunct Professor, Department of Pathology, KUMC
2003 - 2012	Professor, Department of Pharmacology, Toxicology & Therapeutics, KUMC
2002 - Present	Visiting Professor, Taipei Medical University, Taipei, Taiwan
2001 - 2003	Professor, Department of Pathology, School of Medicine, UCLA, CA
1995 - 2001	Associate Professor, Department of Pathology, School of Medicine, UCLA, CA
1996 - 1998	Pathology Course Director, Biomedical Science Program, UC Riverside, CA
1989 - 1995	Assistant Professor, Department of Pathology, School of Medicine, UCLA, CA
	Director, Molecular Biology Diagnostic Laboratory, Harbor-UCLA Medical Center
1989 - 1991	Associate Core Director, Morphology Core, Population Research Center, Harbor-UCLA Medical Center, CA
1988 - 1989	Senior Staff Fellow, Section on Cellular Differentiation, Human Genetics Branch, NICHD, NIH, Bethesda, MD
1986 - 1987	Staff Fellow, Section on Cellular Differentiation, Human Genetics Branch, NICHD, NIH, Bethesda, MD
1984 - 1986	Postdoctoral Fellow, Laboratory of Developmental and Molecular Immunity, NICHD, NIH, Bethesda, MD
1980 - 1982	Research Assistant in Electron Microscopy and Immunochemistry, Department of Pathology, Hahnemann University, Philadelphia, PA
1978	Pharmacy Intern, Synpac-Kingdom Pharmaceutical Company, Taiwan
1978	Pharmacy Intern, Chang Gung Medical Hospital, Taiwan.

Advanced Professional Training:

2021 Mentoring Academy for Research Excellence Workshop Series, UC Davis
2017 Biomedical + Engineering Entrepreneurship Academy, University of California, Davis
2016 Faculty Leadership Academy, University of California, Davis
2016 Association of Pathology Chair, Leadership Academy, San Diego, CA

Honors, News Releases, and Awards:

2024 Interviewed by Voice of America:https://www.golosameriki.com/a/lechenie-raka-vaktsinoj-btszh-i-novyj-yazyk-detali/7530392.html
2024 The manuscript "BCG as an Innovative Option for HCC Treatment: Repurposing and Mechanistic Insights," published in Advance Science, is included in the Advanced Science – 10th anniversary special collection, https://onlinelibrary.wiley.com/doi/toc/10.1002/(ISSN)2198-3844.10thAnniversary, and it is also in a news release, https://health.ucdavis.edu/news/headlines/tb-vaccine-shrinks-liver-cancer-tumors-in-mice/2024/02\.
2023 The manuscript "Targeting stroma and tumor, silencing galectin-1 treats orthotopic mouse hepatocellular carcinoma" is in news release" https://health.ucdavis.edu/news/headlines/scientists-find-gene-therapy-reduces-liver-cancer-in-animal-model/2023/11
2023 The manuscript entitled "miR-22 gene therapy treats HCC by promoting anti-tumor immunity and enhancing metabolism published in Molecular Therapy, 2023, is selected and included in The Cancer Letter, Vol 49, No 34, September 15, 2023. This paper also appeared in news media; examples are: https://health.ucdavis.edu/news/headlines/gene-therapy-study-identifies-potential-new-treatment-for-liver-cancer/2023/08; https://www.newswise.com/articles/gene-therapy-study-identifies-potential-new-treatment-for-liver-cancer; https://www.eurekalert.org/news-releases/999460.
2022 Advance to University Distinguished Professor, UC Davis
2021 UC Davis, School of Medicine, Dean's Award for Excellence
2021 A manuscript entitled "Probiotics improve gastrointestinal function and life quality in pregnancy" was in the news announcement: https://health.ucdavis.edu/health-news/contenthub/probiotics-improve-nausea-and-vomiting-in-pregnancy-according-to-new-study/2021/12.
2019 Outstanding alumnus in the National Taipei University of Education Experimental Elementary School. Taipei, Oct 26, 2019
2019 The Best Tea Health Advocate, World Tea Expo, Las Vegas, Jun 11-14, 2019 https://worldteanews.com/world-tea-expo-news/2019-world-tea-awards-winners https://video.ucdavis.edu/media/GTI+-+Yvonne+Wan+01-24-2019/1_1vxadre5
2019 Publication entitled "Dysregulated bile acid synthesis and dysbiosis are implicated in Western diet-induced systemic inflammation, microglial activation, and reduced neuroplasticity" (PMCID: PMC5901391, PMID: 29401580) was selected as a feature article in *Nutrition Frontiers*, a publication of the Nutritional Science Research Group (NSRG), NCI. The NSRG Program selects three publications per newsletter based on scientific merit, innovation, and potential public health impact. Winter 2019
2018 "The Best of 2018" at the American Association for the Study of Liver Disease. Aged gut microbiota is implicated in hepatic inflammation and metabolic disease in a sex-dependent manner.
2018 Experimental Biology and Medicine (EBM), Outstanding Reviewer Award, Society of Experimental Biology and Medicine
2018 Step Plus Merit increase to Professor Step 9, School of Medicine, UC Davis.
2017 Publication entitled "Gender Differences in Bile Acids and Microbiota in Relationship with Gender Dissimilarity in Steatosis Induced by Diet and FXR Inactivation" (PMCID: PMC5431816, PMID: 28496104) was selected as a feature article in *Nutrition Frontiers*, a publication of the Nutritional Science Research Group (NSRG), NCI. Summer 2017,

https://prevention.cancer.gov/news-and-events/news/nutrition-frontiers-summer-0)

2017 Cover story of American Journal of Pathology: "Western Diet–Induced Dysbiosis in Farnesoid X Receptor Knockout Mice Causes Persistent Hepatic Inflammation after Antibiotic Treatment" (PMCID: PMC5530909, PMID: 28711154) https://www.elsevier.com/about/press-releases/research-and-journals/chronic-liver-inflammation-linked-to-western-diet; https://www.eurekalert.org/pub_releases/2017-07/e-cli071017.php

2016 The Outstanding Alumni Award in recognition of distinguished academic achievements, Taipei Medical University, June 1, 2016. http://www.pacific-times.com/Default.aspx?RC=2&nid=dcc1abdc-750f-4bd1-be19-0b96b867c32b, http://opa.tmu.edu.tw/files/13-1000-553.php?Lang=zh-tw

2016 The following paper was the highlight of the March issue of the Journal Hepatology in 2016. Functional analysis of the relationship between intestinal microbiota and the expression of hepatic genes and pathways during the course of liver regeneration. PMCID: PMC4761311, PMID: 26453969.

2016 TV Interview with Dr. Madelyn Fernstrom, UC Davis School of Medicine and Comcast NBC Universal Collaboration for a Health Series.

2015 Step Plus Merit increase to Professor Step 7.5, School of Medicine, UC Davis.

2015 Feature story in the Synthesis, UCDMC Cancer Center http://www.ucdmc.ucdavis.edu/synthesis/issues/spring2015/index.html

2015 News release for the publication entitled "*miR-22*-silenced cyclin A expression in colon and liver cancer cells is regulated by bile acid receptor *in Journal of Biological Chemistry*. PMCID: PMC4358284.

2015 News release for the publication entitled "Forced expression of fibroblast growth factor 21 reverses the sustained impairment of liver regeneration in hPPARα^{PAC} mice due to dysregulated bile acid synthesis' in *Oncotarget.* http://www.ucdmc.ucdavis.edu/publish/news/newsroom/9856

2014 Interviewed by *Nature*. "Bacteria Tightrope", Nature, Vol 516, December 4, 2014 http://www.nature.com/nature/journal/v516/n7529_supp/full/516S14a.html

2013 The following paper was featured on www.MDLinx.com on April 1st. 2013.
IL28B genotype and the expression of ISGs in normal liver. Liver International, PMCID: PMC7231429, PMID: 23522062.

2011 The following paper was the cover story of the December issue of Hepatology in 2011.
Alteration of nuclear receptor-mediated signaling pathways in HCV patients with and without a history of alcohol drinking. PMCID: PMC3230737, PMID: 21898497

2011 The following paper was the cover story of the March issue of Hepatology in 2011.
Enrichment of Nur77 mediated by RARβ leads to apoptosis of human hepatocellular carcinoma cells induced by fenretinide and HDACi.PMCID: PMC3077573 PMID:21319187

2010 Chancellor's Club Research Award, University of Kansas, KS

2010 Edition of Who's Who among Executives and Professionals throughout the World**.**

2009 The following listed paper was a journal highlight and included in the news release on 18 September, link: http://www.eurekalert.org/pub_releases/2009-09/ace-ear091109.php. A feature article in MDLinx.com, link: http://www.mdlinx.com/internalmdlinx/news-article.cfm/2887596
The Interaction of reward genes with environmental factors in contribution to alcoholism in Mexican Americans. Alcoholism Clinical and Experimental Research, PMID: 19764934, PMCID: PMC4017868.

2009 Women in Toxicology SIG Elsevier Mentoring Award from the Society of Toxicology - for outstanding role as a mentor and making important contributions to women scientists in the field of toxicology.

2007 - 2010 Joy McCann Professorship in recognition of contributions to biomedical research and mentoring programs.

2007 The following listed paper was the highlight of the journal and was in the news release. A haplotype analysis of CYP2E1 polymorphisms in relation to alcoholic phenotypes in Mexican Americans. Alcoholism Clinical and Experimental Research, PMID: 18034693.

2006 Investigator Research Award, received on Faculty Research Day, Nov 9, 2006, KUMC

2006 - 2007 President, Central State Chapter, Society of Toxicology

2005 - 2006 Vice President, President-elect, Central State Chapter, Society of Toxicology

2005 Who's Who in Medical Science Education

2003 Distinguished Women in Research Award in recognition of years of dedicated service to advancing medical research, presented by Councilwoman Janice Hahn and Congresswoman Jane Harman.

2003 Accelerated merit increase to Professor Step 2, School of Medicine, UCLA.

2001 Recognition of biomedical research achievements by the Professional Staff Association at Harbor UCLA Medical Center.

1998 Contributions toward the Improvement of Healthcare in Los Angeles County honored in the Board of Supervisors Meeting, County of Los Angeles, June 9, 1998.

1995 1995 Richard Weitzman Memorial Research Award, Faculty Society, Harbor-UCLA Medical Center, CA, U.S.A.

1992 Purvis Martin, M.D. Award, in recognition of the best scientific paper presented at the 40th annual meeting of the Pacific Coast Fertility Society.

1991 PhD Paper Award, Faculty Society, Harbor-UCLA Medical Center, CA.

1980 - 1982 Upjohn Scholarship Award, Hahnemann University, Philadelphia, PA.

1975 - 1979 Scholarship, Taipei Medical University, Taipei, Taiwan.

1979 Outstanding Graduate, top the class, Taipei Medical University, Taiwan.

Professional Activities:

Committee and Society Service:

2025 Members, Program Committee, and the Membership Committee, American Society for Investigative Pathology

2024 Organizer, The Society of Chinese Bioscientists in America (SCBA) and the Chinese Biological Investigators (CBI) Society International Conference on Life Sciences, Guiyang, China, July 25- July 30, 2024

2024 Review Committee member, UC Davis, School of Medicine, 2023 Dean's Excellence Awards

2022 - 2023 Member, Search Committee, Chair of Department of Pathology and Laboratory of Medicine, School of Medicine, UC Davis

2023 Review committee for an endowment position, Academic Personnel, SOM, UC Davis

2022 - 2023 Member, Strategic Plan Discovery Science Workgroup, School of Medicine, UC Davis

2022 Review Committee member, UC Davis, School of Medicine, 2022 Deans' Excellence Awards.

2022 - 2023 Initiative Leader, Strategic Planning, Experiment Pathology & Discovery Sciences. Department of Pathology & Laboratory of Medicine, UC Davis

2020 - 2024 Councilor, Society of Chinese Bioscientists (SCBA) in America, ~2,000 members.

2020 - 2024 Acting Chair, Department of Pathology and Laboratory of Medicine, School of Medicine, UC Davis (during Chair's absence).

2019 - Present Co-leader of Cancer and Microbiome (CaM) Initiative, the UC Davis Comprehensive Cancer Center, UC Davis

2019 - 2022 Chair, Search Committee, Robert Stowell Endowed Professor in Cancer Immunology

2019 - 2020 Chair, Search Committee, Faculty in Experimental Pathology, JPF02728

2017 - 2018 Member, Search Committee for the Director of the Center for Comparative Medicine, and Stowell Chair, UC Davis

2017 - 2018 Chair, Search Committee for an academic neuroscientist, UCD Health, UC Davis.

2017 - Present Organizer, Annual Stowell Lectureship and Pathology Department research retreat, UCD Health

2017 Reviewer, Collaborative for Diagnostic Innovation Program, UC Davis.

2016 - 2021 Steering Committee, the Global Tea Initiative, UC Davis
http://ls.ucdavis.edu/global-tea/global-tea.html
https://theaggie.org/2016/05/18/a-global-tea-party/

2016 - Present Member, Committee for Research Affairs, School of Medicine, UC Davis

2015 - 2016 Chair, Interdepartmental Seed Grant Committee, School of Medicine, UC Davis

2015 - 2016 Member, Organization Committee, the 21st International Symposium on Microsomes and Drug Oxidations that will take place on Oct 2-6, 2016.

2015 Organizer, Liver Cancer Symposium, UCDHS, Nov 12, 2015

2015 Organizer Committee, the 4th International Conference on Gastroenterology, July 2015, Florida, USA
http://gastroenterology.conferenceseries.com/

2015 Session Leader and organizer, Nuclear Receptor-mediated Signaling in Liver Cancer and Metabolic Diseases, the 15th SCBA International Symposium, Taipei, Taiwan, June 26-29, 2015.

2014 - 2015 Biospecimen Repository Working Group, UCDMC

2013 - 2014 Committee Member, imaging/genomic search, Department of Pathology, UCD Medical Center.

2014 - 2015 Member, Search Committee for the recruitment of an Assistant/Associate Professor in the Clinical X Series for full-time faculty position (Hepatology Outcomes), Department of Medicine, UCD Medical Center.

2014 - 2015 Member, Search Committee for the recruitment of an Assistant/Associate Professor in the Clinical X Series for full-time faculty position (Hepatology Clinical Trials), Department of Medicine, UCD Medical Center.

2014 - 2015 Member, Search Committee for the recruitment of an Assistant/Associate Professor in the Clinical X Series for full-time faculty position (Gastroenterology), Department of Medicine, UCD Medical Center.

2014 - 2015 Member, Search Committee for the recruitment of an Assistant/Associate Professor in the Clinical X Series for full-time faculty position (Gastroenterology, IBD), Department of Medicine, UCD Medical Center.

2014 - 2015 Chair, Search Committee for the recruitment of a neuroscientist for the Department of Pathology, UCD Medical Center.

2013 - 2014 The Everest Foundation Research Fellowship Committee, UCD Medical Center

2013 - 2016 Chair, Biorepository Committee, UC Davis Health System

2012 - 2019 Chair, Advisory Research Committee, Department of Pathology and Laboratory Medicine, UCDMC

2012 - 2016 Member, Pathology Executive Committee, UCDMC

2010 Review abstracts for the 21st Conference of the Asian Pacific Association for the Study of the Liver (APASL)

2009 - 2012 Membership Committee, Society of Chinese Bioscientists in America (SCBA, http://www.scbasociety.org)

2007 - 2012 Chair, Internal Advisory Committee, the Liver Center, KUMC
2007 - 2011 Organizer, Annual Liver Symposium, KUMC
2007 - 2010 Program Consultant and Executive Committee of Women in Medicine and Science, KUMC
2007 - 2012 Leadership Council, the University of Kansas Cancer Center, KUMC
2007 - 2010 Member, Advisory Board of the Institute of Molecular and Outcomes Medicine, KUMC.
2007 - 2012 Program Leader, Cancer Biology Program, KU Cancer Center
2007 - 2012 Member, Advisory Committee, the Microarray Facility, KUMC
2007 - 2008 Immediate Past President, Central State Chapter, Society of Toxicology
2006 - 2007 President, Central State Chapter, Society of Toxicology
2006 - 2009 Animal Transition Committee, KUMC
2006 Planning Committee, Cancer Center Annual Retreat, KUMC
2005 - 2010 Internal Advisory Committee, Kansas BIRCWH (Building Interdisciplinary Research Careers in Women's Health) Career Development Program in Women's Health, funded by NIH.
2005 - 2006 Vice President, President-elect, Central State Chapter, Society of Toxicology
2005 - 2010 Search Committee, Chairman of Radiation Oncology, KUMC.
2005 - 2007 Committee member to identify Nobel Laureates for the Peter T. Bohan lectures
2004 School of Medicine Promotion and Tenure Committee, KUMC.
2004 - 2005 Counselor, the Central States Chapter of the Society of Toxicology
2004 - 2006 General Clinical Research Center Advisory Committee
2003 - 2012 Promotion and Tenure Committee, Department of Pharmacology, KUMC
2003 - 2012 Faculty Search Committee, Department of Pharmacology, KUMC, recruited over 15 faculty members in eight years.
2003 Committee, 2003 Richard Weitzman Memorial Research Award
2003 In 2003, at the request of CAP and Vice-Chancellor Vredevoe, I served on an ad hoc review committee for a faculty appointment.
2002 Nomination Committee, Board of Directors, Harbor-UCLA Research Education Institute.
2002 - 2003 Core/Shared Equipment Committee, Harbor-UCLA Research Education Institute.
2001 - 2003 Summer Student Selection Committee, Harbor-UCLA Research Education Institute.
2001 Harbor-UCLA Research Education Institute CEO Search Committee.
2001 - 2003 Space Committee, Harbor-UCLA Research Education Institute.
2000 - 2003 Finance Committee, Harbor-UCLA Research Education Institute.
2000 Department representative for review of the CEO/President, Harbor-UCLA
Research Education Institute.
1999 Research Faculty Recruitment Committee, Harbor-UCLA Research Education Institute (determine the allocation of REI research faculty recruitment award funds).
1998 - 2000 REI Long-Range Steering Committee, Harbor-UCLA Research Education Institute
1998 - 1999 Computer Network Committee, Harbor-UCLA Research Education Institute
1998 - 2003 Organizer and committee member, Harbor-UCLA campus-wide Basic Science Conference Committee
1998 - 1999 Search Committees for the recruitment of faculty of the Department of Psychiatry, Harbor-UCLA Medical Center
1998 Committee, 1996 and 1998 Richard Weitzman Memorial Research Award
1997 - 2003 Executive Committees for Initiative for Minority Student Development (IMSD)

funded by NIH
1997 Organizer, 1997 Richard Weitzman Memorial Research Award
1997 - 1999 Honorary Member of the Advisory Council, International Biographical Center, Cambridge, England
1996 - 1998 Search Committee Member, CEO/President of Harbor-UCLA Research Education Institute
1991 - 1999 DNA Committee, Harbor-UCLA Research Education Institute
1991 - 2003 Interviewer for faculty candidates of the Department of Medicine, Pediatrics, and Psychiatry
1996 Committee, 1996 Richard Weitzman Memorial Research Award
1996 - 1997 Executive Committee, Faculty Society, Harbor-UCLA Medical Center, CA.
1996 - 1997 Secretary/Treasurer, Faculty Society, Harbor-UCLA Medical Center, CA.
1991 - 1998 Administrative Policies Committee, Harbor-UCLA Research and Education Institute
1989 - 1992 Executive Committee, Population Research Center, Harbor-UCLA Medical Center, CA.

Community Service:
2004 Chinese Emmanuel Baptist Church, KS, U.S.A.
2003 Teacher, Chinese School, Adult Class, KS, U.S.A.
2000 - 2001 4 Christ Mission, San Diego, CA, U.S.A.
1991 - 2001 Volunteer, Chinese School, Torrance, CA, U.S.A.
1997 - 2001 Volunteer, Bishop Montgomery High School, CA, U.S.A.
1996 - 2003 Volunteer and member, Bread of Life Church, Torrance, CA, U.S.A.
1996 - 1997 Secretary, Board of Directors, Chinese School, Torrance, CA, U.S.A.
1996 Volunteer, March of Dimes
1989 - 1997 Volunteer, First Lutheran School, Torrance, CA, U.S.A.

Professional Associations and Scholarly Societies:
Active Membership:
American Society of Integrated Pathology (ASIP)
American Association for the Study of Liver Diseases (AASLD)
European association for the study of the liver (EASL)
Society of Chinese Bioscientists in America (SCBA) - Lifetime member

Previous Membership:
American Association for Cancer Research
The Endocrine Society
American Society for Pharmacology and Experimental Therapeutics
Society of Toxicology
Research Society of Alcoholism

NIH Study Section Service:
June 2024 NCI Program Project, P01, Special Emphasis Panel/Scientific Review Group 2024/10 ZCA1 RPRB-T (O1) S meeting.
Jan 2024 NIDDK Catalyst Award, Division of Diabetes, Endocrinology or Metabolic Disease (DEMD) or Division of Digestive Diseases and Nutrition (DDN) related topic areas.
Oct 2023 NIH Cancer Prevention Study Section (CPSS) Panel, Bethesda, MD
March 2023 ZRG1 KUDS-A(04) Topics in Hepatology and Environmental Toxicology
May 2022 ZRG1 DKUS H(02)M: Topics in physiological and toxicological mechanisms. PAR-20-133, Gastrointestinal (GI) and Microbiome Explorers: Development of Swallowable Smart Pills or Devices for Precision Nutrition, Microbiome and Digestive Disease Applications
Jun 2020 The Integrative Nutrition and Metabolic Processes (INMP) study section

Feb 2019 Toxicology and Digestive, Kidney and Urological Systems, ZRG1 DKUS-R- Special Emphasis Panel
Nov 2018 Revolutionizing Innovative, Visionary Environmental Health Research (RIVER R35) Award
Review, National Institute of Environmental Health Sciences, Research Triangle Park, NC
2018 Invited by Dr. Richard Nakamura, Director of the Center for Scientific Review (CSR), invited the NIH grant review system to be reviewed.
Feb 2018 NCI Provocative Questions: How does microbiota affect the response to cancer therapies? Through what mechanisms do diet and nutritional interventions affect the response to cancer treatment?
Oct 2017 NIH, Hepatobiliary Pathophysiology [HBPP] Study Section
2017 NIH, 2017 NIH Director's New Innovator Award Program (DP2)
2016 NIH, 2016 NIH Director's New Innovator Award Program (DP2)
Feb 2016 NIH Special Emphasis Panel, Gut Microbiota-Derived Factors in the Integrated Physiology and Pathophysiology of Diseases within NIDDK's Mission, PAR-13-293, ZRG1 DKUS-P (55)
Nov 2015 NIH, Special: Microbiome and Related Sciences, 2016/01 ZRG1 DKUS-P (91) S
Oct 2015 NIH, Special Emphasis Panel/Scientific Review Group, 2016/01 ZDK1 GRB-7 (J1)
March 2015 NIH, DDK-C 1, Digestive Diseases and Nutrition C Subcommittee
Oct 2013 NIH, The Xenobiotic and Nutrient Disposition and Action Study Section (XNDA)
Oct 2013 NIH, The NCI Provocative Questions Initiative
July 2011 NIH, NCI P01 grant review.
May 2011 NIH, NCI P01 Cellular and Tissue Special Emphasis Panel
2010 NIH, Molecular Oncogenesis Study Section, ZRG1 OBT-Z (02)
2010 Reviewed an NIH study section.
2009 - 2013 NIH, Charter Member, the Xenobiotic and Nutrient Disposition and Action Study Section (XNDA)
2008 NIH, The Xenobiotic and Nutrient Disposition and Action Study Section (XNDA)
2007 NIH, NIAAA Special Emphasis Panel, ZAA1 JJ (12) Ethanol and Pancreatitis
2006 NIH, Cancer Etiology Study Section (CE)
2006 NIH, Digestive Science, Small Business
2005 NIH, Molecular Oncogenesis Study Section
2003 - 2005 NIH, Charter Member, Cancer Etiology Study Section (CE)
2000 - 2003 NIH, Charter Member, Chemical Pathology Study Section (CPA)

<u>Other Grant Review Panels:</u>
2022 Oak Ridge Associated Universities (ORAU), Nazarbayev University, Kazakhstan
2022 Head and Neck Cancer SPORE seed grant, University of Colorado Cancer Center
2020 Erwin Schrödinger Fellowship, Austrian Science Fund, Austria
2020 Global Challenges Research Fund Initiatives, United Kingdom Medical Research Council.
2016 Puerto Rico Science, Technology and Research Trust, Puerto Rico
2016 The Swiss Cancer League, Swiss Cancer Research, Switzerland
2016 Bridge Funding, UCDHS, US
2015, 2018 The Health Research Board (HRB), Ireland
2014, 2016 The Stichting tegen Kanker, Fondation contre le Cancer, Belgium
2012 The Agency for Science, Technology and Research's Biomedical Research Council, Singapore
2010 - 2014 The Bankhead-Coley Cancer Research Program, Department of Health, Florida
2009 - 2014 Grant review for the Department of Health, Pennsylvania
2009 Grant review for Broad Medical Research Program, The Eli and Edythe Broad Foundation, USA

2006 The Kentucky Science and Engineering Foundation R&D Excellence Program
2005 - 2008 National Health Research Institutes, Taiwan
2003 Review grant applications for the Hall Foundation, USA
2003 Review grant applications for The Kansas IDeA Networks of Biomedical Research Excellence, Kansas
1998 - 2000 Grant review for Human Frontier Science Program
RFA from NICHD/NIH
Research Committee Grants of Harbor-UCLA
Harbor UCLA Collegium's Research Grants.

Site Inspection on behalf of the College of American Pathologists:
2001 Sunrise Hospital and Medical Center, Las Vegas, Nevada, U.S.A.
1996 Clinical Laboratories, Department of Pathology, Los Angeles, CA, U.S.A.
1995 Nichols Institute Reference Laboratories, San Juan Capistrano, CA, U.S.A.
1994 Cedars-Sinai Medical Center, Molecular Pathology Labs, Department of Pathology, Los Angeles, CA, U.S.A.

Current editorial board service:

2012 – Present, Associate Editor, *Biomarker Research*
http://www.biomarkerres.org/about/edboard

2023 - Present, Editor of *Cell & Bioscience*
https://cellandbioscience.biomedcentral.com/

2020 – Present, Editorial Board Member, *Molecular Carcinogenesis*
https://onlinelibrary.wiley.com/page/journal/10982744/homepage/editorialboard.html

2018 – Present, Editorial Board Member, *Hepatobiliary Surgery and Nutrition* (HBSN)
http://hbsn.amegroups.com/user/view/26484

2022 – Present, Section Board Member, *Nutrients*
https://www.mdpi.com/journal/nutrients/editors?search=Wan

2015 – Present, Editorial Board Member of the Austin Journal of Gastroenterology
http://austinpublishinggroup.com/gastroenterology/editorialboard.php

2015 – Present, Editorial Board Member of Journal of Nutrition & Food Sciences
https://www.omicsonline.org/editorialboard-nutrition-food-sciences-open-access.php

2014 – Present, Editorial Board Member of *Journal of Cancer Prevention and Current Research*
http://medcraveonline.com/JCPCR/editorial-board

2013 – Present, Editorial Board Member of *Journal of Liver*
http://omicsgroup.org/journals/editorialboard-liver-open-access.php

2007 – Present, Editorial Board Member of *Substance Abuse: Research and Treatment*
https://us.sagepub.com/en-us/nam/substance-abuse-research-and-treatment/journal202697#editorial-board

Editor, Journal special issue:

2024 *Cell & Bioscience*: Topic: Dietary Contributions to Hepatic Diseases and Cancer
2022 *Frontiers in Cell and Developmental Biology* – Topic: Macrophage in Hepatology
2020 *Liver Research* – Topic: Hepatocellular Carcinoma Diagnosis and Treatment, An Overview

Previous editorial board service:

2017 - 2023, Executive Associate Editor, *Liver Research*
2015 - 2018 Editor-in-Chief, 2014 -2015 Associate Editor, *The Open Pharmaceutical Sciences Journal*
2013 - 2014: Editorial Board Member, *Novel Biomarkers*
2013 - 2014: Editorial Board Member, *Nuclear Receptor Research*
2011 - 2014: Review Editor of *Frontiers in Pharmacogenetics and Pharmacogenomics*
2009 - 2020: Editorial Board Member, World Journal of Gastrointestinal Pharmacology and Therapeutics
2009 - 2015: Editorial Board Member, Hepatic Medicine: Evidence and Research
2009 - 2015: Editorial Board Member, *Clinical Pharmacology: Advances and Applications*
2009 - 2015: Editorial Board Member, *Nutritional and Dietary Supplements*
2009 - 2011: Editorial Board Member, *Current Drug Metabolism*
2007 - 2019: Editorial Board Member, *Experimental Biology and Medicine*
2006 - 2015: Editorial Board Member, *Toxicological Sciences*
2006 - 2008: Editorial Board Member, *PPAR Research*.

Reviewed manuscripts for the following journals (number of manuscripts):
ACS Omega - 1
Acta Pharmacologica Sinica B – 6
Advanced Science -2
Alcohol - 2
Alcohol and Alcoholism - 3
Alcoholism Clinical and Experimental Research - 5
Alcohol Research and Health - 1
American Journal of Medical Genetics - 1
American Journal of Pathology - 3
American Journal of Transplantation - 1
Apoptosis - 1
Applied and Environmental Microbiology - 2
Archives Of Physiology and Biochemistry -1
Archives for General Psychiatry
Arteriosclerosis, Thrombosis, and Vascular Biology - 1
Austin Journal of Gastroenterology -5
Biochemical Pharmacology - 12
Biochimie - 2
Biomarker Research - 12
BMC Clinical Pharmacology - 2
British Journal of Pharmacology - 3
Cancer Letters - 3
Cancer Biology and Therapy - 1
Carcinogenesis – 2
Cell & Bioscience - 23
Cellular & Molecular Biology Letters - 1
Cellular and Molecular Life Sciences - 1
Clinical Pharmacology: Advances and Applications -12
Current Drug Metabolism - 6
Current Medicinal Chemistry - 1

CNS Neuroscience & Therapeutics - 1
Comparative Immunology, Microbiology & Infectious Diseases - 2
Dermatological Science - 1
Differentiation
Drug and Alcohol Dependence
FASEB J - 8
Experimental Biology & Medicine - 48
Experimental and Therapeutic Medicine - 3
Expert Review Molecular Diagnostics - 2
European Journal of Inflammation - 1
European Journal of Pharmacology - 1
Food & Function - 5
Frontier of Medicine - 2
Frontier Microbiology - 1
Frontiers in Pharmacogenetics and Pharmacogenomics - 12
Frontier Physiology - 2
Gene - 1
Gut Microbes -1
Hepatic Medicine: Evidence and Research - 3
Hepatobiliary Pancreatic Disease International - 1
Hepatobiliary Surgery and Nutrition -3
Hepatology – 4
Hepatology Communications -2
Immunopharmacology and Immunotoxicology - 1
International Journal for Vitamin and Nutrition - 1
International Medical Press Antiviral Therapy - 1
ISME Journal - 1
Journal of Cancer Prevention and Current Research – 5
Journal of Liver - 5
Journal of Lipid Research - 2
Journal of Molecular Endocrinology - 3
Journal of Neurochemistry - 1
Journal of Nutrition & Food Sciences -10
Laboratory Investigation - 10
Liver International - 2
Liver Research - 25
Microbiology Open - 2
Mini-Reviews in Medicinal Chemistry - 2
Molecular Basis of Disease - 2
Molecular Cell Research - 1
Molecular Carcinogenesis - 8
Molecular Endocrinology - 5
Molecular Pharmacology - 5
Molecular Pharmaceutics - 4
Molecular and Cell Biology of Lipids - 3
Molecular and Cellular Endocrinology - 2
Nature Communications - 2
Novel Biomarkers - 3
Nuclear Receptor Research - 3
Nutritional and Dietary Supplements - 6
Oncogene - 2
Oncotarget - 5
Pharmacological Research - 2

Pharmacogenetics - 2
Pharmacogenomics - 8
Physiological Genomics - 1
PLOS One - 6
PLOS Biology - 2
PPAR Research - 6
Psychiatry Research
Science Translational Medicine -1
Scientific Reports - 4
Substance Abuse: Research and Treatment - 12
The American Journal of Physiology-Gastrointestinal and Liver - 6
The International Journal of Biochemistry and Cell Biology - 8
The Journal of Cell Biology - 6
The Open Pharmaceutical Sciences Journal - 125
Toxicology Mechanisms and Methods - 2
Toxicological Sciences -12
World Journal of Gastrointestinal Pharmacology and Therapeutics -12

Served as an external referee for faculty promotion in the following institutions:

2024 Tsinghua University, Beijing, China
2022 University of Oklahoma
2021 University of Oklahoma
2019 Tsinghua University, Beijing, China
2019 University of Missouri, Kansans City
2019 University of California, Los Angeles
2018 University of Missouri, Kansas City
2016 University of Nebraska
2015 St. Jude Children's Research Hospital
2015 Chinese University of Hong Kong
2015 University of Karchi in Pakistan
2015 National Institutes of Health
2014 University of Rhode Island
2013 University of Missouri
2012 University of Pittsburg
2011 University of Southern California
2010 University of Rhode Island
2010 University of Missouri
2010 University of Southern California
2009 University of Pittsburgh
2003 University of Connecticut
2003 University of California, Irvine

Served as a consultant or mentor for the following grants:

Title of the Project: Deleted in liver cancer 1 (DLC1) in liver development and disease.
Funded by NIH, NIDDK, 2013-2018
PI: Yi-Ping Shih, Ph.D.

Title of the Project: Regulation of PXR by Cell Cycle and Phosphorylation
Funded by NIH, NIGM, 2011-2014

PI: Taosheng Chen, Ph.D.

Title of the Project: c-GMP-Mediated Vasodilation in Perinatal Lung
Funded by NIH, NICHD, 1998-2002
PI: Usha Raj, M.D.

Title of the Project: Perinatal Lung Vascular Reactivity and Lipid Mediator
Funded by NIH, NICHD, 1998-2002
PI: Usha Raj, M.D.

Title of the Project: The Effect of Lead on Hypothalamus-pituitary-testicular Axis
Funded by NIH, NIEHS, 1992-2000
PI: Rebecca Sokol, M.D.

Title of the Project: Retinoic Acid and Its Receptor in Early Embryogenesis
Funded by NIH, NICHD, 1992-1997
PI: Tsung-Chieh J. Wu, M.D., Ph.D.

Title of the Project: Sleep and Neuroendocrine Aspect of Depression
Funded by NIH, NIMH, level II RSDA, 1992-1997
PI: Russell E. Poland, Ph.D.

Title of the Project: Molecular Basis of Sertoli Cell Only Syndrome
Funded by Amgen, 1992-1993
PI: Shalender Bhasin, M.D.

Mentoring and Teaching Activity:

2024 - Current	Chien-Yu Lin, Senior Research Associate, Division of Pharmacology and Pharmaceutical Sciences, School of Pharmacy, University of Missouri-Kansas City, Kansas City, MO. Co-mentoring of Dr. Lin's K99/R00 NIH application.
2024- Current	Ha Min Son, PhD candidate, Computer Science Department, UC Davis
2023	Research Opportunities Expo, UC Davis Medical Student, Nov 15, 2023.
2022 - Current	Kayle Bender, PhD candidate, Co-mentor and thesis advisor, Department of Chemistry, UC Davis
2022 - Current	Anastasia Abello, a PhD candidate in Integrated Pathology, UC Davis, serving as co-mentor and thesis advisor. Ms. Abello received a minority supplement fellowship from 2024 to 2027
2022 - 2024	Rex Liu, PhD, Co-mentor and thesis advisor, Computer Science Department, UC Davis
2020 - Current	Mentor, Animal Models of Infectious Diseases, NIH Training Program, UC Davis
2019 - Current	Executive Committee Member and Mentor, NCI T32 training program in Oncogenic Signals and Chromosome Biology, UC Davis, https://oscb.ucdavis.edu/
2020	UCD, Global Disease Biology Senior Research 189 and 189D, Sujia Liu
2020	Member, Qualification Exam Committee for Ming Yin Kwong, Department of Food Science and Technology, UC Davis. Thesis title: From farm to cup: investigating amino acid and sensory profiles of *Camellia sinensis* growing in California fields.
2019 - 2022	UCD, Global Disease Biology Senior Research 189, 189D, and PMD199, Rachel Wang
2019	Member, Qualification Exam Committee for Mythili Ramachandran, Pharmacology Toxicology Graduate Group, UC Davis

2019 Member, Qualification Exam Committee for Devan Murphy, Biochemistry, Molecular, Cellular & Development Biology Graduate Group, UCD, Thesis title: Osteosarcoma Exosome Impact on Pulmonary Epithelial Integrity during Metastatic Invasion.

2019 Biotechnology Courses – Upper Division, UC Davis

2019 UCD, Global Disease Biology Senior Research 189 and 189D, Michelle Nguyen

2018 UCD, Global Disease Biology 189, Valeria Wang.

2017 – 2022 School of Medicine, UCD, student, small group teaching

2017 – 2022 School of Medicine, UCD, MDS406, Case study

2017 – 2022 PMD299 Graduate Students Laboratory Rotation, UCD

2016 – 2017 MS Degree Thesis Advisor for Nidhi Nagar, California State University, East Bay in Hayward. Her work entitled “Role of bacteria and bacterial metabolites in the development of nonalcoholic steatohepatitis” won 1st place in the 31st California State Student Research Competition. Competed against 23 California state universities and won the best graduate researcher award in Biological and Agricultural Sciences on May 1, 2017, at San Luis Obispo, CA.

2015 Summer Course number 48319, PMD 499 research study
UC Davis medical student Mr. Thinh Chau received the Stowell Endowed Medical Student Pathology Research Fellowship to perform a research project.

2015 Member, Qualification Exam Committee for Breanne Sparta, Biochemistry, Molecular, Cellular & Development Biology Graduate Group, UC Davis. Proposed thesis title: Control of signal flow by Raf-level scaffold proteins.

2014 UCD School of Medicine, Research Mentor

2014 - 2022 Department of Medical Pathology & Laboratory Medicine, UC Davis, Edmonson Fellow Mentor

2014 - 2016 School of Medicine, UCD, Application of Medical Principles (AMP), Doctoring 1 Program

2014 Member, Qualification Exam Committee for Zachary Farrow, Biochemistry, Molecular, Cellular & Development Biology Graduate Group, UC Davis
Thesis title: The Effect of Retinol Binding Protein 4 Mutations on the Maternal and Fetal Environment.

2014 Member, Qualification Exam Committee for Ahmad Hassan, Comparative Pathology Graduate Group, UC Davis

2013 - Current Mentor, Comparative Pathology Graduate Group, UC Davis

2013 - Current Mentor, Biochemistry, Molecular, Cellular & Development Biology Graduate Group, UC Davis, BMCDB - BCB 220L Rotation Course

2013 - Current Mentor, Pharmacology and Toxicology Graduate Group, UC Davis

2012 - 2015 Ph.D. Thesis Advisor, Fan Yang, Shanghai University of Traditional Chinese Medicine, Shanghai, China

2012 - 2015 Ph.D. Thesis Advisor, Chuangyu Cao, MD, Department of Gastroenterology, Guangzhou Medical College, Guangzhou, China

2010 - 2012 Ph.D. Thesis Advisor, Qi James Zhan, MD, Department of Gastroenterology, Guangzhou Medical College, Guangzhou, China
Thesis title: Genome-wide Binding Profile of Hepatic RXRα and Its Role in Hepatic Lipid Homeostasis

2004 - 2012 Teach the following graduate courses:
PHCL/PTOX 898 Principles of Pharm/Tox, PTOX 917 Drug Disposition, and PTOX887 Toxicologic Pathology

2007 - 2010 Member, Ph.D. Dissertation Committee, Yue Cui, Department of Pharmacology, KUMC
Thesis title: Developmental Regulation of the Drug-processing Genome in Mouse

Liver

2007 - 2009 Ph.D. Thesis Advisor, Hui Yang, MD, Department of Gastroenterology, First People's Municipal Hospital, Guangzhou Medical College, Guangzhou, China
Thesis title: Study the Mechanisms of HDACi and Fenretinide-induced Apoptosis of Hepatoma Cells

2007 Member, M.S. Dissertation Committee, Jeremy Johnson, Department of Pharmacology KUMC
Thesis title: Genetic Polymorphisms in Disease Susceptibility: Gene-Gene and Gene-Environment Interactions

2006 - 2012 Mentor, NIH P20 COBRE Grant, Nuclear Receptors in Liver Health and Disease.

2006 - 2007 Member, Ph.D. Dissertation Committee, Xiaoxia Yang, University of Singapore
Thesis title: Pharmacokinetic and pharmacodynamic mechanisms for reduced toxicity of CPT-11 by Thalidomide and St. John's Wort

2006 - 2009 Ph.D. thesis advisor, Pengli Bu, Department of Pharmacology, KUMC
Thesis title: Molecular Mechanisms of Retinoid-induced Apoptosis and Proliferation in Hepatocytes

2006 Lecturer, Genomic Medicine, Genetic and Neoplasia, Preclinical Phase: Year 1 Medical Student, KUMC.

2006 - 2012 Mentor, Toxicology Training Grant funded by NIH, NIEHS

2005 - 2012 Essentials of Pharmacology (PHCL 880), Graduate School Course, KUMC.

2005 - 2012 Organizer and speaker, Liver Club, KUMC.

2005 - 2012 Mentor, Kansas BIRCWH (Building Interdisciplinary Research Careers in Women's Health) Career Development Program in Women's Health, funded by NIH.

2004 - 2007 Member, Ph.D. Dissertation Committee, David Buckley, Department of Pharmacology, KUMC.
Thesis title: Characterization and Regulation of Mouse UDP Clucuronosyl transferase mRNA Expression.

2004 - 2006 M.S. Thesis Advisor, Alphonse Mendy, Department of Pharmacology, KUMC.
Thesis title: Retinoids Activate the RXR/SXR-mediated Pathway and Induce Endogenous CYP3A4 Activity in Huh7 Human Hepatoma Cells.

2003 - 2012 Mentor, IGPBS PhD Program, University of Kansas Medical Center.

1989 - 2003 Director, Molecular Pathology Resident Rotation, Pathology Resident Training Program, Harbor-UCLA

1989 - 2003 Organizer and lecturer, Biotechnology in Diagnostic Pathology, credited by CME

1996 - 2003 Faculty Mentor, Reproductive Endocrinology Fellowship Training Program, Department of Internal Medicine, Harbor-UCLA Medical Center.

1996 - 2003 Faculty Mentor, Perinatal Fellowship Training Program, Department of Pediatrics, Harbor-UCLA Medical Center.

1997 - 2003 Mentor, Master of Biology Graduate School Program, California State University, Dominguez Hills, Initiative for Minority Student Development funded by NIH.

1997 - 2003 Mentors of Bridges to the Baccalaureate (Bridge), Research Initiative for Student Enhancement (Rise), and Undergraduate Student Training in Academic Research (U*Star) Programs funded by NIGMS, NIH.

1998 - 2003 Organizer and lecturer, Harbor-UCLA campus wide Basic Science Conference

1990 - 2003 Mentor and Committee member, Summer Student Fellowship Program, Harbor-UCLA Medical Center.

2002 - 2003 M.S. Thesis Advisor, Rose Robel, CA State, Dominguez Hills.
Thesis title: RXRα-Mediated Pathways in GSH Synthesis.

1997 - 1999 M.S. Thesis Advisor, Catherine Cowan, CA State, Dominguez Hills.
Thesis title: Palmitoyl CoA ((C16:0)-CoA) Rescues Human Hepatoma Cells (Hep3B) from Retinoid-induced Apoptosis.

1996 - 1997 Director, Pathology Course, Biomedical Science Program, University of

California, Riverside.

1995 - 1996 Organizer, biweekly research journal club, Department of Pathology, Harbor-UCLA Medical Center

1994 - 1996 Co-Director, General Pathology, Biomedical Science Program, University of California, Riverside.

1993 - 1997 Lecturer, General Pathology, Biomedical Science Program, University of California, Riverside.

1992 - 1997 Lecturer, Clinical Immunology, School of Medical Technology, Harbor-UCLA Medical Center

Faculty/Investigator Mentored:

Xiao-Jing Wang, MD, PhD. (2022- Present) Robert E. Stowell Endowed Chair and Professor in Experimental Pathology, Department of Pathology & Laboratory Medicine, Chief Science Officer, Associate Director for Basic Science, UCD Comprehensive Cancer.

Elizabeth Neumann, PhD. (2023 - Present) Assistant professor, Chemistry Department at UC Davis.

Hannah Savage, DVM, PhD, DACVM, Assistant Professor (2023- Present), Department of Pathology, Microbiology, and Immunology, School of Veterinary Medicine, University of California, Davis, K award mentor

Resmi Ravindran, Ph.D. (2022 - Present) Project Scientist, Department of Pathology & Laboratory Medicine

Ying Hu, Ph.D., Professional Researcher (2020 - Present), Department of Medical Pathology and Laboratory Medicine, UC Davis, 2016 - 2020 (Project Scientist), Ying Hu received an NIH NCI-funded R50 grant in 2019 to work on my NCI-funded grant full-time for five years.

Farzam Vaziri, Ph.D. Project Scientist (2020 - 2022), Department of Medical Pathology and Laboratory Medicine, UC Davis

Hui-xin Liu, Ph.D., Project Scientist, Department of Medical Pathology and Laboratory Medicine, UC Davis, 2016 - 2017. Hui-xin Liu currently has a faculty position in China.

Karen Matsukuma, Ph.D., M.D. Assistant Professor, Department of Pathology and Laboratory Medicine, UC Davis, 2016 – 2017

Yi-Ping (Irene) Shih, Ph.D. Assistant Project Scientist, Department of Biochemistry and Molecular Biology, UC Davis, 2012 – 2017, I am the formal mentor of Dr. Shih's NIH K01 grant entitled "Deleted in liver cancer 1 (DLC1) in liver development and disease", which was founded in September 2013

Yuyou Duan, Ph.D. 2012, Project Scientist, 2013, promoted to Assistant Adjunct Professor, Department of Gastroenterology and Hepatology, UC Davis, 2012-2017

Kun Cheng, Ph.D. Assistant Professor, Department of Pharmaceutical Sciences, UMKC, 2007- 2013. Dr. Cheng received the UMKC Trustee's Faculty Scholar Award and was promoted to Associate Professor with tenure in 2013, professor in 2017, and Curators' Distinguished Professor in 2019.

Eric C. Huang, M.D., Ph.D. Assistant Professor, Department of Pathology and Laboratory Medicine, UC Davis, 2012 - 2014

Kristin Olson, M.D. Health Sciences Assistant Clinical Professor, Department of Pathology and Laboratory Medicine, UC Davis, 2012 - 2014

Faris Farassati, Ph.D. Associate Professor, Department of Medicine, KUMC, 2011 - 2012

Winston Dunn, M.D. Assistant Professor, Department of Medicine, KUMC, 2011 - 2012

Hui Yang, M.D., Ph.D. Professor, Department of Gastroenterology & Hepatology, First Municipal's People Hospital of Guangzhou, Guangzhou Medical College, China. 2010 - Present.
In 2010, Dr. Yang received a prestigious grant from the National Natural Science Foundation of China (No.81001109).

Maxwell Gyamfi, Ph.D., Research Assistant Professor, Department of Pharmacology, KUMC, 2003-2009, received a faculty position at North Carolina Central University in 2009.

Angela Slitt, Assistant Professor of the University of Rhode Island, Dr. Slitt received the Outstanding New Environmental Scientists (Goodwin, #24) award in 2008.

Grace Guo, Ph.D., Assistant Professor of Pharmacology, KUMC, received funding from the Building

Interdisciplinary Research Careers in Women's Health Scholar, 2005- 2008. She received her first RO1 grant from NIDDK in 2008.

Li Wang, Ph.D., Assistant Professor of Medicine, KUMC. 2006-2007, received her first RO1 grant in 2007. Dr. Wang is currently a faculty member at the University of Utah.

Bryan Copple, Ph.D., Assistant Professor of Pharmacology, KUMC, 2006- 2007, received his first RO1 grant in 2007. Dr. Copple is currently an associate professor at Michigan State University.

Xiaobo Zhong, Ph.D., Assistant Professor of Pharmacology, KUM, 2006-2009, received his first RO1 grant in 2009.

Jianghong Zhang, Ph.D., Research Assistant Professor of Pharmacology, KUMC, 2005- 2006

Guoli Dai, Ph.D., Research Assistant Professor of Pharmacology, KUMC, 2003-2008, received his first RO1 grant and a faculty position at the University of Purdue in 2009.

James Heiner, M.D., Assistant Professor of Obstetrics and Gynecology, UCLA, 1994. Dr. Heiner is a reproductive endocrinologist practicing in Utah.

<u>Post-doctoral Fellows Mentored (performed research projects in my lab):</u>

Huizhen Suo, MD, PhD, Post-doctoral fellow, Department of Medical Pathology and Laboratory Medicine, UC Davis. 2024- current.

Tahereh Setayesh, Ph.D., Post-doctoral fellow, Department of Medical Pathology and Laboratory Medicine, UC Davis, Awarded T32 fellowship in 2019 – 2022. Dr. Tahereh is currently a Project Scientist at Cincinnati Children's Hospital, and I have been mentoring her from 2022 to the present.

Snigdha Guha Ph.D., Post-doctoral fellow, Department of Medical Pathology and Laboratory Medicine, UC Davis, 2022-2023.

Shahrbanoo Keshavarz Aziziraftar, Ph.D., Post-doctoral fellow, Department of Medical Pathology and Laboratory Medicine, UC Davis, 2022.

Muhammad Umair Ijaz, Ph.D., Post-doctoral fellow, Department of Medical Pathology and Laboratory Medicine, UC Davis, 2022.

Karla Damián, Ph.D., Post-doctoral fellow, Department of Medical Pathology and Laboratory Medicine, UC Davis, 2020- 2021

Xiaofei He, Ph.D., Post-doctoral fellow, Department of Medical Pathology and Laboratory Medicine, UC Davis, 2020- 2021

Tahereh Setayesh, Ph.D., Post-doctoral fellow, Department of Medical Pathology and Laboratory Medicine, UC Davis, 2020- present, Awarded T32 fellowship in 2019 - 2022.

Guiyan Yang, Ph.D., Post-doctoral fellow, Department of Medical Pathology and Laboratory Medicine, UC Davis, 2019 - 2022

Prasant Kumar Jena, Ph.D., Post-doctoral fellow, Department of Medical Pathology and Laboratory Medicine, UC Davis, 2014 - 2019. Dr. Jena received a project scientist position at Cedar Sinai Medical Center, LA, in 2019.

Lili Sheng, Ph.D., Post-doctoral fellow, Department of Medical Pathology and Laboratory Medicine, UC Davis, 2014 – 2019. Dr. Sheng received a faculty position at the Shanghai University of Traditional Chinese Medicine, Shanghai, China, in 2019.

Ying Hu, Ph.D., Post-doctoral fellow, Department of Pharmacology, KUMC, 2011-2012; Department of Medical Pathology and Laboratory Medicine, UC Davis, 2012- 2016, promoted to project scientist in 2016.

Yuqi He, Ph.D., Post-doctoral fellow, Department of Pharmacology, KUMC, 2011-2012; Department of Medical Pathology and Laboratory Medicine, UC Davis, 2012- 2014. Current position: Dean of Research, Guizhou University, China.

Yanliu Lu, Ph.D., Post-doctoral fellow, Department of Pharmacology, KUMC, 2011-2012; Department of Medical Pathology and Laboratory Medicine, UC Davis, 2012- 2013

Sidhartha Hazari, Ph.D., Post-doctoral fellow, Department of Pharmacology, KUMC, 2011-2012, Project Scientist, Department of Medical Pathology and Laboratory Medicine, UC Davis, 2012- 2013

Hui-xin Liu, Ph.D., Post-doctoral fellow, Department of Pharmacology, KUMC, 2010-2012; Department of Medical Pathology and Laboratory Medicine, UC Davis, 2012- 2016

Rebecca Marquez, Ph.D., Post-doctoral fellow, Department of Pharmacology, KUMC, 2009-2011
Hui Yang, Ph.D., Post-doctoral fellow, Department of Pharmacology, KUMC, 2009-2010, Current position: Chair of Internal Medicine, The second People's Hospital, Guangzhou, China
Chiu Li Yeh, Ph.D., Post-doctoral fellow, Department of Pharmacology, KUMC, 2008
Babalola Faseru, M.D., Post-doctoral fellow, Department of Preventive Medicine, KUMC, 2006-2007
Xiaoxia Yang, M.S., Research associate, Department of Pharmacology, KUMC, 2006-2009
Minglei Gu, M.D., Ph.D., Post-doctoral fellow, Department of Pharmacology, KUMC, 2006-2008
Min Yang, M.D., Post-doctoral fellow, Department of Pharmacology, KUMC, 2006-2008
Shiyong Chen, Ph.D., Post-doctoral fellow, Department of Pharmacology, KUMC, 2006-2007
Kun Wang, Ph.D., Post-doctoral fellow, Department of Pharmacology, KUMC, 2005-2009
Maxwell Gyamfi., Ph.D., Post-doctoral fellow, Department of Pharmacology, KUMC, 2004-2009
Michael Kocisis, Ph.D., Post-doctoral fellow, Department of Pharmacology, KUMC, 2003-2004
Huai-Rong Luo, Ph.D., Post-doctoral fellow, Department of Pharmacology, KUMC, 2003-2006
Xiao-xue Zhang, M.D., Post-doctoral fellow, Department of Pathology, UCLA, 2002-2003
Yan Ao, M.D., Post-doctoral fellow, Department of Pathology, UCLA, 2002-2003
James Lafayette Smith, M.D., NIH Minority Supplement, Department of Psychiatry, UCLA, 2001- 2003
Hansen Lee, M.D., GI fellow, Department of Medicine, UCLA, 2002-2003
Tony Lee, M.D., GI fellow, Department of Medicine, UCLA, 2002-2003
Jack Feng, M.D., GI fellow, Department of Medicine, UCLA, 2000-2001
Tiane Dai, Ph.D., M.D., post-doctoral fellow, Department of Pathology, UCLA, 2001-2003
Yong Wu, Ph.D., Post-doctoral fellow, Department of Pathology, UCLA, 2001-2003, supported by the American Liver Foundation
Ai-She Leng, M.D., Post-doctoral fellow, Department of Pathology, UCLA, 2001-2003
Ansha Qian, Ph.D., Post-doctoral fellow, Department of Pathology, UCLA, 1999-2001
Guang Han, M.D., Post-doctoral fellow, Department of Pathology, UCLA, 1998-2002
Yan Cai, M.D., Post-doctoral fellow, Department of Pathology, UCLA, 1997-2001
Thomas Magee, Ph.D., Post-doctoral fellow, Department of Pathology, UCLA, 1997-1998
Emily Lai, M.D., Post-doctoral fellow, Department of Pathology, UCLA, 1995-1996
Chen Li, M.D., Ph.D., Post-doctoral fellow, Department of Pathology, UCLA, 1994-1995
Lai Wang, M.D., Post-doctoral fellow, Department of Pathology, 1990-1995
Deborah Klein, Ph.D., Post-doctoral fellow, Department of Medicine, 1993-1994
James Heiner, M.D., Endocrinology fellow, Department of Obstetrics and Gynecology, UCLA, 1993
Ghassan Samara, M.D., Resident, Department of Surgery, UCLA, 1991-1993
Patricia Eubanks, M.D., Resident, Department of Surgery, UCLA, 1992-1993
Michael Hurwitz, M.D., Resident, Department of Surgery, UCLA, 1991-1992
Mark Sawicki, M.D. Resident, Department of Surgery, UCLA, 1990-1992
Marian Nussmeir, M.D., Resident, Department of Pathology, UCLA, 1991

<u>Visiting scholars performed research projects in my lab:</u>

Shuang Dong, MD, PhD, Professor and Attending Physician, Hubai Cancer Center, China, 2024- current.
Yanan Wang, Ph.D., Assistant professor, Department of Physiology, Institute of Institute of Basic Medical Sciences, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, 2019-2020
Lijun Wang, Ph.D., Visiting Assistant Professor, Department of Pathology, UCDMC, 2018-2020.
Yongchun Li, M.D., Associate Chief Physician, Department of Infectious Diseases, Naihai Hospital Affiliated to Southern Medical University. 2017
Krish Krishnan, Ph.D., Professor of Chemistry at California State University, Fresno, took a sabbatical leave and worked in my laboratory. 2016
Jian-xiong Yu, M.D., Ph.D., Attending Physician, Department of Gastrointestinal Surgery, Wuhan University in Hubei, China. Dr. Yu took a sabbatical leave and worked in my lab. 2014- 2015
Mingli Peng, Ph.D., Associate Professor, Institute for Viral Hepatitis, Chongqing Medical University, Chongqing, China. Dr. Peng took a sabbatical leave and worked in my lab. 2012-2013

Chuanghong Wu, M.D., Director of the Department of Hepatology and Infectious Diseases, Shekou Hospital, Shenzhen, China, Dr. Wu took a sabbatical leave to work on translational research in my lab. 2010-2011
Yaming Wei, Ph.D., Professor, Laboratory Director, Department of Medicine, Guangzhou Medical Hospital, China, 2008- 2009
Yanlei Du, M.D., Associate Professor, Department of Medicine, Guangzhou Medical Hospital, China, 2007-2009
Yasuki Nagao, M.D., Kyoto Prefecture University, Japan, 1997-1998
Michio Morimoto, M.D., Kyoto Perfecture University, Japan, 1995-1996
Mei-Lan Liu, M.D., Hunan Medical University, Japan, 1993-1996
K Kachi, M.D., Kyoto Perfecture University, Japan, 1993

Graduate Students and Medical Student Mentored:

Ziyu Prince Wang, PhD candidate, Department of Chemistry and Chemical Biology, UC Davis. I have co-mentored Mr. Wang with Dr. Xi Chen since 2024, received a NIH training grant in the fall of 2024.
Ha Min Son, PhD candidate, Department of Computer Science, UC Davis. I mentored and provided financial support from 2024 to the present.
Rex Liu, PhD candidate, received his PhD degree in June 2024 from the Department of Computer Science, UC Davis. I mentored him and provided financial support from 2022 to 2024.
Kalyle Kayle Bender, PhD Candidate, Department of Chemistry, UC Davis. I mentored and provided financial support from 2022 to the present.
Anastasia Abello, PhD candidate in Integrated Pathology, UC Davis. Primary mentor: Dr. Xiao-Jing Wang, from 2022 to the present.
Ranjana Ravikumar, a medical student at CA Northstate University, 2019.
Michelle Hu, PhD student in Pharmacology and Toxicology at UC Davis, lab rotation in Jan 2018
Anita Wen, PhD student in Pharmacology and Toxicology at UC Davis, lab rotation in Feb 2018
Ning Chin, PhD student in Integrative Pathobiology at UC Davis, lab rotation in Oct 2017
Nidhi Nagar, Master student at California State University, East Bay, Hayward, CA, 2016-2018
Thinh Chau, a UC Davis Medical Student, was awarded the Stowell Medical Student Research Award by the Department of Pathology and Laboratory Medicine and attended course 48319 for PMD 499 research studies in my lab in the summer of 2015.
Lin Liu, PhD student from the Department of Liver Diseases at Shanghai University of Traditional Chinese Medicine, 2014-2015
Fan Yang, PhD student from Shanghai University of Traditional Chinese Medicine, 2012- 2014
Chuangyu Cao, MD, a PhD student from Guangzhou Medical College, 2012- 2014
Qi Zhan, MD, PhD student from Guangzhou Medical College, 2010- 2012 (Qi Zhan has been a physician-scientist in the First Guangzhou Municipal Hospital since he returned to China in 2012)
Hui Yang, MD, PhD student from Guangzhou Medical College, 2007-2009 (Hui Yang has been a physician-scientist and has a laboratory at Guangzhou Medical College since returning to China in 2009). He was promoted to Vice President of the Second Guangzhou Medical Hospital in 2024.
Pengli Bu, Ph.D., Department of Pharmacology, KUMC 2006 - 2009
Alphonse Mendy, M.S., Department of Pharmacology, KUMC, 2003-2006
Rose Robel, IMSD graduate student, 2002-2003
Catherine Cowan, M.S., CA State, Dominguez Hills, 1997-1999

College Graduates or Students Mentored:

Milla Lise Castro-Gideon, Third year Biochemistry and Molecular Biology/Athlete, UC Davis, 2025
Nicholas Colignon, Third year Neurobiology, Physiology, & Behavior, Bachelor of Science, UC Davis, 2025
Lily Pan, Third year Clinical Nutrition, UC Davis, 2025
Ashley Chen (Yi-An Chen), Genetics and Genomics, UC Davis, 2024
Trenton Testerman, Genetics and Genomics, UC Davis, 2022-present, received a BS degree in June

2023, and is working as a junior specialist starting July 2023 - present.
Yutong Ji, Biochemistry and Molecular Biology, UC Davis, 2023- 2024, received a BS degree in June 2024 and is working as a junior specialist in the fall of 2024.
William Amato, Biotechnology – Animal Biology Focus, UC Davis, 2023 - 2024
Pamela Quinsay, Molecular and Medical Microbiology, UC Davis, 2023, Class PMD199
Kea Tennarie Turqueza, Cell Biology, UC Davis, 2023
Meera Kohli, Global Disease Biology, UC Davis, 2023
Cecylia Oliver, BS, Junior Specialist, UC Davis, 2022-2023, received a minority scholarship to enter graduate school at San Diego State University
Miranda Gilbert, BS, Junior Specialist, 2021-2022,
Shuying Li, Applied Statistics - Computational Track, Minor in Computer Science, Bachelor, UC Davis, 2022
Rachel Wang, Global Disease Biology, UC Davis, enrolled in Global Disease Biology Senior Research 189 and189D, as well as PMD199 (Spec Adv Path Study), UC Davis, 2019-2022, Clinical Disease Epidemiology, MPH, Yale, 2024
Sujia Liu, Global Disease Biology, UC Davis, 2020, enrolled in Global Disease Biology Senior Research 189 and 189D as well as PMD199 (Spec Adv Path Study), GDB Practicum Report Title: The role of bile acid in regulating diet-induced obesity and brain functions.
Atharva Rohatgi, Microbiology, UC Davis, 2019-2020
Alejandro Escareno, Neurobiology, Physiology, Behavior, UC Davis, 2019- 2020
Xingru Zhu, Major in Biochemistry and Molecular Biology, UC Davis, 2019- 2020, enrolled in class PMD199 (Spec Adv Path Study)
Yasser Abdul Bagi, Neurobiology, Physiology, Behavior, UC Davis, 2019- 2020
Ruixiao Wang, Global Disease Biology, UC Davis, 2019- present, enrolled class PMD199 (Spec Adv Path Study)
Lanyi Zhang, Biochemistry, UC Davis, 2019- present, enrolled in class PMD199 (Spec Adv Path Study)
Levon Joseph Witherspoon, San Mateo Community College, Hugh Edmonson Summer Fellow, 2019
Lam Truong, Major in Biotechnology with Fermentation/Microbiology emphasis, Department of Plant Sciences, College of Agriculture and Environmental Science, UC Davis, 2019, enrolled class BIT199
Victor Vela, Major in Neurobiology, Physiology, Behavior, UCLA, 2019
Jiaming Zhou, Economics and Neurobiology, Physiology, Behavior, UC Davis, 2019.
Leyi Wang, Major in Biotechnology with Fermentation/Microbiology emphasis, Department of Plant Sciences, College of Agriculture and Environmental Science, UC Davis, 2018 - 2019
Sharon Kaur Kang, Biological Sciences, UC Davis, 2018 - 2019
Michelle Nguyen, Global Disease Biology, UC Davis, 2017- 2019, enrolled Global Disease Biology Senor Research 189 and 189D, GDB Practicum Report Title: Coordinate improvement of synaptic decline and NAFLD using prebiotic inulin.
Valeria Wang, Global Disease Biology, UC Davis, 2017- 2018
Kyle McNeil, Environmental Science & Management, UC Davis, 2017- 2018, Hugh Edmonson Summer Fellow
Jennifer Tsverov, Neurobiology, Physiology, and Behavior, UC Davis, 2017 - 2018
Russi Dash, Biology, University of San Francisco, summer 2015 - 2017
Lidsey Dobyns, Neurobiology, Physiology and Biology, UC Davis, Hugh Edmondson Summer Scholar, UC Davis, 2016
Derrick Ha, B.S., Junior Specialist, 2015 – 2016, entered UMKC Medical School in 2016
Kaitlyn Honeychurch, Biology, UCLA, Hugh Edmondson Summer Scholar, UC Davis, 2015
Tayeb Abbas, Biochemistry, University of Nevada, Reno, Hugh Edmondson Summer Scholar, UC Davis, 2015
Mindy Huynh, Microbiology, UC Davis, 2014 -2015
Isaac Johnson, Biochemistry and Molecular Biology, UC Davis, 2014 - 2015
Ryan Keane, Biology, St. Mary's College of CA, Hugh Edmondson Summer Scholar, UC Davis, 2014
Chinedum U Muo, Biochemistry and Molecular Biology, UC Davis, 2014
Michael Owens, Genetics and Computer Science, UC Davis, 2014

Yee Lee, B.S., Junior Specialist, 2014 - 2015
Jenny Fong, B.S., Junior Specialist, 2014 - 2015
Lisa Teixeira, B.S., Junior Specialist, 2014- 2016, graduated Albany Medical College in 2022, entered urology residency at the University of Wisconsin in 2022
Thinh Chau, B.S., Junior Specialist, 2013- 2014 (entered UC Davis Medical School in 2014)
Irene Ly, B.A.S, Junior Specialist, 2013- 2014
Jessica Tsuei, B.S., UC Davis, Junior Specialist, 2012-2014 (entered Medical School in 2014)
Zoe Raglow, B.S., Honor Program in Human Biology, University of Kansas, Research Assistant, 2010 - 2012 (Zoe Raglow entered KUMC Medical School in 2013)
Carly Thomas-Perry, B.S., Honor Program in Molecular Biology, William Jewell, Kansas, Research Assistant, 2010 - 2012
Nathan Verlinden, Pharm D Program, Drake University, ASPET Summer student, 2010, 2011
David Johnson., M.S., Research Assistant, 2009-2011
Nathan Bushue., B.S., Research Assistant, 2009-2010
Natali Navarro Cazarez, B.S. Research Assistant, 2008-2010
Matthew Wortham, B.S., Research Assistant, entered PhD program at Duke in 2007, 2006-2007
Graham Reimer, Pepperdine University, 2006 Summer
Benjamin Petelin, B.S., Research Assistant, 2005-2006
Bill Alloumanis, B.S., Research Assistant, 2004-2005
Katrina Larson, B.S., University of Kansas, 2005 Summer
Julia Wu, K-BRIN scholar, University of Kansas, 2004 Summer
Takamura Masatoshi, University of Perdue, 2003 and 2004 Summer
Nathan Chiu, B.S., University of Kansas, 2003-2005
Hao Lee, UC Berkeley, 2003 Summer
Jessy Averlar, Bridge Program student, 2003
Ruffin Lee Swain, Bridge Program student, 2003
Edward Chen, UC San Diego, Summer student, 2003
Jonathan Aquiloman, Bridge Program student, 2001; Rise Program student, 2002; U*Star student, 2003
Victoria Njoku, Stanford University, 2002 Summer
Kelly Huang, UC Berkeley, 2002 Summer
Freddy Freire, Bridge Program student, 2002-2003
Rafael Nunez, Bridge Program student, 2001-2002
Gloria D Guzman, Bridge Program student, 2001-2002
Elberth Pineda, Bridge Program student, 2001-2002
Oscar Carlos, Bridge Program student, 2001
Monica Ortega, UCLA, 2001 Summer
Kimberly Kelsey, California Technology, 2000 Summer
Christopher Liu, B.S., Pepperdine University, 1999-2000

Research Grants:

Current Funded Research Projects:

NIH, NIDDK (1R56DK140492-01) 2024-2025
A Novel Nanodrug for Metabolic Disease Treatment
My Role: Principal Investigator
Award Amount: $594,547

Characterization of Canine Hepatocellular Carcinoma Leading to Treatment 2024-2025
Reaching Across the Causeway (RAC) Award
School of Medicine, Office of Research
My Role: Co-Investigator

The PREVENT Program, NIH/NCI (1518400-0) 2022-2025
Project Title: Microbial Metabolite Mimicry, a Nano-drug for Colon Cancer Prevention
My Role: Principal Investigator
Award Amount: $671,289

California Department of Public Health (20-10079) 2022-2025
Project Title: Racial/Ethnic Disparities in Metabolic Dysfunction and Alzheimer's Disease: The Diet-Gut-Liver-Brain Axis
My Role: Principal Investigator
Award Amount: $1,000,000

California Department of Public Health (18-10925) 07/01/2019-06/30/2025
Project Title: Dietary-modulated Bile Acid Signaling in Regulating Cognitive Health and Dysfunction
My Role: Lead PI
Award Amount: $2,720,804

NIH, NCI (1R01CA222490) 02/01/2018-01/31/2025
Project Title: Liver Cancer Therapy by MiR-22 and Its Inducers
My Role: Principal Investigator
Award Amount: $2,096,543.

UCD Global Affairs, UC Davis 2025-2027
Project Title: Integrative Genomics and Transcriptomics Approaches to Explore the Genetic Landscape for Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD) in Lean Individuals
My Role: Principal Investigator
Other International collaborators:
Dr. Wei-Chao Zhang, Co-PI, Dean of the College of Pharmacy at Taipei Medical University

<u>Previously Funded Research Grants:</u>

Harbor-UCLA Research and Education Institute 1989-1990
Initial Research Lab Support
My Role: PI

NIH, NICHD (P30 Center grant) 1989-1992
The Population Research Center funded to Harbor-HCLA
PI: Ronald Swerloff, M.D.
My Role: Co-Investigator and the Associate Director of the Morphology Core

The California Institute for Cancer Research 1990-1991
The Retinoic Acid Receptors, C-myc and
Alpha-fetoprotein Gene Expression during the Development of Human Hepatocarcinoma.
My Role: PI

Research Committee Grants, Harbor UCLA 1990-1991
The Expression of Retinoic Acid Receptor mRNA during Rat Embryogenesis.
My Role: PI

UCLA Harbor Collegium Research Award, Harbor UCLA 1990-1991
My Role: PI

UCLA AIDS Clinic Research Center
1990-1991

UCLA Medical Center
Pathogenic mechanisms in HIV-associated nephropathy.
PI: Arthur Cohen, M.D.
My Role: Co-Investigator

Surgeons Education and Research Center 1990-1993
Department of Surgery, School of Medicine, UCLA
Oncogenesis of Gastrinoma.
PI: Edward Passaro, M.D.
My role: Co-Investigator and mentor for surgery residents

Harbor-UCLA Research and Education Institute 1991
Common Equipment Grant (Beckman ultracentrifuge rotor)
My Role: PI

Research Committee Grants, Harbor UCLA 1992-1993
The Longitudinal Expression of Endometrial EGF Receptor mRNA throughout the Menstrual Cycle in Normal Women
PI: James S. Heiner, M.D.
My Role: Dr. James Heiner's mentor

NIH, NIAAA (R01 grant) 1993-2003
Mallory Body Induced by Alcohol and Drugs
PI: Samuel French, M.D.
My Role: Co-Investigator

UCLA, Academic Senate 1993-1994
Regulation of Retinoid X Receptor in Hepatoma Cells
My Role: PI

NIH, NIMH (P30 Center grant) 1993-2001
Research Center on the Psychobiology of Ethnicity
PI: Keh-Ming Lin, M.D.
My Role: Co-Investigator and Pharmacogenomic Core Director

UCLA, Academic Senate 1995-1996
Dual Effects of Retinoic Acid on Regulation of the α-Fetoprotein Gene
My Role: PI

Research Committee Grants, Harbor-UCLA 1995-1996
Characterization of Retinoic Acid Resistant Teratocarcinoma Cell Lines
My Role: PI

UCLA, Dean's Office, Bridge Grants 1996
My Role: PI

UCLA, Academic Senate 1996-1997
The Roles of Retinoic Acid Receptor in Breast Cancer
My Role: PI

UCLA, Academic Senate 1997-1998
Peroxisome and Non-Peroxisome Induced Liver Hyperplasia
My Role: PI

Harbor-UCLA Research and Education Institute 1997
Common Equipment Grant, (Kodak Imaging System)
My Role: PI

Harbor-UCLA Research and Education Institute 1997
Equipment Replacement Grant (Beckman Scintillation Counter)
My Role: PI

Tobacco-Related Disease Research Program 1997-2000
Nicotine Pharmacogenetics: Influence of Ethnicity
PI: Russell Poland, Ph.D.
My Role: Co-Investigator

NIH

1997-2003
Harbor-UCLA Initiative for Minority Student Development
PI: Christina Wang, M.D.
My Role: Co-Investigator

NIH, NIAAA (R01 grant) 1997-2003
Lipid Peroxidation in Alcoholic Liver Disease
PI: Samuel French, M.D.
My Role: Co-Investigator

Research Committee Grants 1998-1999
Harbor-UCLA Research and Education Institute
The Role of PPARα and RXRα in Liver Regeneration
My Role: PI

Harbor-UCLA Research and Education Institute 1999
Common Equipment Grant (Abbott Cell Counter)
My Role: PI

Harbor-UCLA Research and Education Institute 2000
Common Equipment Grant (BioRad Densitometer)
My Role: PI

Tobacco-Related Disease Research Program 2001-2004
Transdermal Nicotine for Smokers with Schizophrenia
PI: Keh-Ming Lin, M.D.
My Role: Co-Investigator and Pharmacogenomic Core Director

NIH, NIMH (R01 grant) 2001-2006
Ethnic Variations in Antidepressant Response
PI: Keh-Ming Lin, M.D.
My Role: Co-Investigator and Pharmacogenomic Core Director

NIH, NIAAA (R01 grant, AA014147) 2002-2005
SAMe, RXRα-mediated Pathways and ALD
My Role: PI

Harbor-UCLA Research and Education Institute 2002
Common Equipment Grant (Real-time PCR)
My Role: PI

Vidaza-Pharmion Co. 2005-2007
Phase I study of Vidaza in combination with cisplatin in the treatment of recurrent/metastatic squamous cell carcinoma of head and neck.
PI: Chung-Tsen Hsueh, M.D.
My Role: Co-Investigator

NIH, (P20RR016475)
The INBRE Program of the National Center for Research Resources
Pilot Study Award to Dr. Guoli Dai: PXR Activation and Liver Regeneration 2005-2006
PI: Joan Hunt, Ph.D.
My Role: Dr. Guoli Dai's mentor

NIH (P20RR015563) 2006-2008
Center for Cancer Experimental Therapeutics
Centers of Biomedical Research Excellence (COBRE)
First Award to Dr. Guoli Dai: Nrf-2 ARE Pathway: Discovery of Novel Chemopreventive Compounds
PI: Barbara Timmermann
My Role: Dr. Guoli Dai's mentor

Paul J. Patton Trust 2006-2007
Pharmacogenomic Study in Patients of Acute Lymphoblastic Leukemia Receiving Chemotherapy
My Role: PI

NIH (5R21AA017960-02) 2009-2011
Treating Alcoholic Liver fibrosis by Reversal of Type 1 Collagen
PI: Kun Cheng, Ph.D.
My Role: Co-investigator

NIH, NIAAA (R01 grant, AA012081) 2000-2011
Alcohol Pharmacogenetics in Mexican Americans
My Role: PI

NIH, NIAAA (R01 grant, AA012081, ARRA supplement) 2010-2011
Alcohol Pharmacogenetics in Mexican Americans
My Role: PI

NIH (P20, RR021940) 2006-2012
Nuclear Receptors in Liver Health and Disease
Centers of Biomedical Research Excellence (COBRE)
PI: Curtis Klaassen, Ph.D.
My Role: Co-PI, Co-Director of the Administrative Core, the Director of Molecular Biology Core, Mentor

NIH/NIEHS (2T32 ES007079-26A2) 2006-2012
Training Program in Environmental Toxicology
PI: Curtis Klaassen, Ph.D.

My Role: Co-Investigator

NIH, NCATS (3 UL1TR000004-07S2) 2012-2015
Engaging the University of California Stakeholders for Biorepository Research
PI: Las Berglund
Role: Co-Investigator

UC Davis School of Medicine 2015-2016
Interdepartmental Seed Grant: Colon Cancer Carcinogenesis
Colon Cancer Carcinogenesis
My Role: PI

NIH, NCI (R01 grant, CA053596-25) 1991-1996
Retinoic Acid Receptor, α-Fetoprotein and Hepatoma 1996-1999
Retinoic Acid Receptor, α-Fetoprotein and Hepatoma 1999-2004
Retinoids, Xenobiotic Metabolism and Tumor Promotion 2004-2009
Retinoids, Nuclear Receptors, and Hepatocyte Proliferation 2010-2016
My Role: PI

NIH, NIDDK (1R01DK092100-04A1) 2011-2017
Retinoic Acid and Its Receptors in the Liver
My Role: PI

NIH, NIAAA (1R01AA021510-03) 2012-2017
Targeted delivery of PCBP2 siRNA for treating alcoholic liver fibrosis
The goal of this project is to treat alcoholic liver fibrosis in experimental animals via blocking the expression of PCBP2 using a targeted siRNA nanocomplex.
PI: Cheng, Kun, Ph.D.
My Role: Co-Investigator

Committee of Research, UC Davis 2016-2017
Initiatives and Collaborative Interdisciplinary Research Grants
Colon Cancer Carcinogenesis Controlled by Bacterial and Host Metabolites
My Role: PI

UC Davis Alzheimer's Disease Center Pilot Program 2017-2018
The Effect of Dietary Fiber in Western diet-induced Alzheimer's disease Models
My Role: PI

UC Davis Science Translation and Innovation Research (STAIR) Grant Program 2017-2018
Combined Retinoids and HDAC Inhibitors in Metabolic Disease Treatment
My Role: PI

National Psoriasis Foundation 2018-2019
An experimental mouse model to understand the pathological role of high fat, high sugar (Western) diet in psoriasiform dermatitis
PI: Samuel Hwang, UC Davis
My Role: Co-investigator

NIH, NIDDK (5U24DK076169-13) 2019-2020
Coordinating and Bioinformatics Unit for the MMPC/DiaComp
PI: Richard A Mcindole, Augusta University
National Mouse Metabolic Phenotyping Centers (MMPC): Mouse Microbiome Research Program

Title of the project: Mouse Microbiome and Liver Tumorigenesis (30835-60)
My Role: PI

UCD Comprehensive Cancer Center pilot study 08/2019-03/2021
Gut Microbial-Derived Nano-drugs for Colon Cancer Treatment
My Role: Co-PI with Ruiwu Liu

UCD Comprehensive Cancer Center pilot study 08/2019-032021
Gut Microbiota-regulated RORγt as a target for liver cancer prevention and treatment
My Role: Co-PI with Hongwu Chen

UCD Comprehensive Cancer Center pilot study 08/2019-03/2021
Novel role of glypican-3 in cancer-induced immunosuppression
My Role: Co-PI with Tsung-Chieh Shih

UCD Comprehensive Cancer Center pilot study 08/2019-03/2021
Liver cancer immunotherapy using a galectin-1 inhibitor
My Role: Lead-PI, Co-PI with Tsung-Chieh Shih

NIH, NCI (1 U01 CA179582) 2014-2021
The Role of Probiotic Bididobacteria and Bile Acid Metabolism in Carcinogenesis
My Role: Lead PI

NIH (SC3 GM125546) 07/01/2018-06/30/2022
Effect of Western Diet in Gastrointestinal Cancer by NMR Metabolomics
PI: Krish Krishnan, California State University, Fresno
My Role: Co-investigator

National Psoriasis Foundation A21-0753 08/1/2020-07/31/2022
Dietary determinants of susceptibility to IL-23-mediated, psoriasis-like skin and joint inflammation
PI: Samuel Hwang
My Role: Co-investigator

NIH, NIAAA (2 R01 AA021510-06) 2018-2023
Project Title: Combination of therapy using siRNA nonacompelex and PD-L1 inhibitor for alcoholic liver fibrosis
PI: Cheng Kun, University of Missouri in Kansas City
My Role: Co-Investigator

UCD Global Affairs, UC Davis 2020-2023
Project Title: Microbial Metabolite Mimics - Drug Discovery to Treat Cancer and Metabolic Disease
My Role: Principal Investigator
Other International collaborators:
Dr. Jing-Ping Liou, Dean of the College of Pharmacy at Taipei Medical University
Dr. Wan-Chen Huang, the Director of the Single Molecule Biology Core Lab at the Academia Sinica

NIH, NCI (1R50CA243787) 2019-2024
Project Title: Gut Microbiota-derived Signaling in Liver Carcinogenesis and Cancer Treatment
This grant supports 100% of the effort of Dr. Ying Hu (PI) to work on the parent grant (1R01 CA222490)
My Role: Mentor and PI of the parent grant
Award Amount: $795,375

Patent Application:

“Methods and Compositions for the Treatment of Cancer and Metabolic Diseases”
Inventor: Wan, Yu-Jui Yvonne C/O
The Regents of the University of California, 111 Franklin St, Twelfth Floor, Oakland, CA 94607, USA.
Pub No: US 2019/0307771; Filed: May 8, 2019, Published: October 10, 2019, Appl. No: 16/406,916

“Methods and Compositions for the Treatment of Hepatic and Metabolic Diseases”
Inventor: Wan, Yu-Jui Yvonne C/O
The Regents of the University of California, 111 Franklin St, Twelfth Floor, Oakland, CA 94607, USA.
Pub No: US 2021/0163929; Filed: November 9, 2020, Published: June 3, 2021, Appl. No: 17/093,225

“Compositions Comprising HDAC Inhibitors and Retinoids”
Inventor: Wan, Yu-Jui Yvonne C/O
The Regents of the University of California, 111 Franklin St, Twelfth Floor, Oakland, CA 94607, USA
Pub No: US 2022/0241227; Filed: November 9, 2021, Published: August 4, 2022, Appl. No: 17/522,405

Lectures and Presentations:

1. Lecturer, Molecular Biology Workshop, Institute of Microbiology, Academia Sinica, China. July 1986.
2. Head, Molecular Biology Workshop, Veterans General Hospital, Taiwan, July 1988.
3. "Application of Polymerase Chain Reaction", Department of OB/GYN, UCLA, School of Medicine, October 1990.
4. "The Roles of Retinoic Acid in Hepatoma - A Laboratory Progress Report", lecture presented in the course of Biotechnology in Diagnostic Pathology, Department of Pathology, Harbor-UCLA Medical Center. January 1991.
5. "Introductory Molecular Biology", lecture presented at Harbor-UCLA Medical Center, School of Medical Technology, lecture series in clinical immunology. January 1991.
6. "Introduction to Molecular Pathology," Biotechnology in Diagnostic Pathology, Department of Pathology, Harbor-UCLA Medical Center. April 1991.
7. "Probes and In-situ Hybridization", lecture presented in the course of Biotechnology in Diagnostic Pathology, Department of Pathology, Harbor-UCLA Medical Center, May 1991.
8. "Retinoic Acid Regulates Liver Specific Gene Expression in Hepatoma Cells", The 73rd annual meeting of the Endocrine Society. June 1991.
9. "Retinoic Acid, Its Receptors, and Hepatoma", Combined Endocrinology Seminar, UCLA, School of Medicine, and July 1991.
10. "Retinoic Acid and Its Receptors", Grand Round, Department of Pathology, Harbor-UCLA Medical Center. November 1991.
11. "Molecular Mechanisms of the Mammalian Embryo Development", Guest lecture presented at the Chinese Air Force General Hospital, Taipei, Taiwan, December 1991.
12. "The Family of Steroid/Thyroid Receptors: Current Concept of Nuclear Receptors", Research Seminar presented at the National Defense Medical School, Taiwan, December 1991.
13. "Molecular Mechanisms of Mammalian Embryo Development: Role of Steroid Hormone Receptors", Guest lecture presented at the Academia Sinica, Institute of Molecular Biology, Taipei, Taiwan, January 1992.
14. "Introduction to Molecular Biology", two-hour lecture presented at Harbor-UCLA Medical Center, School of Medical Technology, lecture series in clinical immunology. February 1993.
15. "The Interaction between Nuclear Receptors", Grand Round, Department of Pathology, Harbor-UCLA Medical Center. April 1993.
16. "Nuclear Hormone Receptor Interaction", Combined Endocrine Conference, Departments of Medicine, Pediatric, and Ob/Gyn, UCLA, School of Medicine. September 1993.
17. "The Regulation of α-Fetoprotein Gene", Research Seminar, Department of Pathology, UCLA, School of Medicine. October 1993.
18. "Introduction to Molecular Pathology", two-hour lecture presented at Harbor-UCLA Medical Center,

School of Medical Technology. February 1994.

19. "Molecular Biology - Principles and Application", Biological Psychiatry Module, Department of Psychiatry, Harbor-UCLA Medical Center. April 1994.
20. "Retinoic Acid Induces Differentiation and Antiproliferation of Hepatoma Cells" International Symposium on Cancer and AIDS Research, Invited speaker and modulator of Hepatoma session, National Taiwan University. September 1994.
21. "Molecular Pathology - Principles and Application", Harbor-UCLA Medical Center, School of Medical Technology, lecture series in Clinical Immunology, February 1995.
22. "Regulation of the AFP Gene Mediated by Retinoic Acid", Invited speaker, Workshop on Biological Role of AFP, The 23rd ISOBM meeting. September 1995.
23. "Retinoic Acid and Cancer", Department of Surgery, Department of Veterans Affairs, Medical Center West Los Angeles. September 1995.
24. "Retinoic Acid, its Receptors, and Hepatoma", 1995 Richard Weitzman Memorial Research Award. Harbor-UCLA Medical Center. October 1995.
25. "Principles and Application of Molecular Biology", Department of Psychiatry, Harbor-UCLA Medical Center. March 1996.
26. "Molecular diagnosis" and "Retinoic Acid, Liver development and Carcinogenesis", Department of Pathology, University of West Virginia. July 1996.
27. "The Role of Retinoic Acid in Liver Carcinogenesis", Division of Biomedical Sciences, University of California, Riverside. October 1996.
28. "Retinoic Acid, Its Receptors, and the Liver", Department of Pathology, Cedars-Sinai Medical Center. November 1996.
29. "Retinoic Acid and Hepatocarcinogenesis", Koo Foundation, Sun Yat-Sen Cancer Center, Taipei, Taiwan. December 1996.
30. "AFP-A Multiple Hormone Responsive Gene", Institute of Cell & Molecular Biology, Taipei Medical College, Taipei, Taiwan. December 1996.
31. "AFP-A Multiple Hormone Responsive Gene", National Cancer Institute, Taipei, Taiwan. December 1996.
32. "The Mighty Morph RXR", The Basic Science Conference, Harbor-UCLA Medical Center. April 1997.
33. "Pharmacogenetics of CYP2D6 and CYP2C19 in Mexican Americans", The 5th International Conference of the Pacific Rim Association for Clinical Pharmacogenetics, San Diego, CA. May 18, 1997.
34. "Genetics and Nutrition", TV interview by International Channel, Teatime. September 12, 1997.
35. "A complex interplay of trans-acting factors is responsible for the retinoic acid-mediated regulation of the α-fetoprotein gene in hepatoma cells", invited plenary lecture speaker, The 3rd Joint Cancer Conference, Taipei, Taiwan. 1998.
36. "Retinoic Acid and its Receptors", invited speaker at the Student Training in Academic Research Symposium (STARS), California State University, Dominguez Hills. May 1998.
37. "The Regulation of Oncodevelopment Gene", Perinatal Biology Research Conference, Harbor-UCLA Medical Center. October 1998.
38. "Ethnicity and CYP2D6 genetic polymorphism", invited speaker at the 7th International Symposium of Pacific Rim Association for Clinical Pharmacogenetics, Taipei, Taiwan. April 13-15, 1999.
39. "The Expression and Regulation of the AFP Gene", Liver Study Unit, Third Department of Internal Medicine, Kyoto Prefectural University of Medicine, Kyoto, Japan. April 1999.
40. "The Interplay between AFP and RXRα", The Molecular Retinoid Meeting, City of Hope, Duarte, CA. April 1999.
41. "Targeting of the RXRα Gene in the Liver", The Molecular Retinoid Meeting, City of Hope, Duarte, CA. October 1999.
42. "Targeted Disruption of the RXRα Gene in Hepatocyte Blocks Multiple Physiological Processes", Department of Pathology Grand Round, Harbor-UCLA Medical Center. February 2000.
43. "The Impact of Retinoic Acid in Cholesterol, Fatty Acid, Bile Acid, and Xenobiotic Metabolism", special lecture, Taipei Medical College, Taipei, Taiwan. June 2000.

44. “The peroxisome proliferator activated receptor α -mediated pathways are altered in the liver-specific RXRα knockout mouse”, International Association for the Study of the Liver Disease, Fukuoka, Japan. June 2000.
45. “Targeted Disruption of the RXRα Gene in Hepatocyte”, Invited speaker in Academia Sinica, Taipei, Taiwan June 2000.
46. “Further Characterization of the Hepatocyte RXRα Deficient Mice”, The Molecular Retinoid Meeting, City of Hope, Duarte, CA. November 2000.
47. “Alcohol Pharmacogenetics in Mexican Americans”, Research Center for Alcoholic Liver and Pancreatic Diseases, SCARG Translational Research Conference, USC, September 2001.
48. “Interaction between Nuclear Receptor and Cytochrome P450 Genes”, The Pacific Rim Association for Clinical Pharmacogenetics, Hong Kong, October 2001.
49. “Functional Role of RXRα in the liver” National Taiwan University, Taipei, Taiwan, October 2001.
50. “Molecular Medicine” Taipei Medical University, Taipei, Taiwan, October 2001.
51. “The Impact of RXRα in the Liver: from fatty acid, cholesterol, and xenobiotic metabolism to sexual dimorphism” Taipei Medical University, Taipei, Taiwan, October 2001.
52. “Retinoids, Alcohol, and Liver” special lecture, Research Center for Alcohol Liver & Pancreatic Diseases Cirrhosis Research Program, USC, December 2001. This lecture is posted on the Internet Web site http://www.usc.edu/schools/medicine/research/alcohol_center/mm.html
53. “The Functional Role of Hepatocyte Retinoid X Receptor α in the Liver: From Cholesterol, Fatty Acid, and Carbohydrate to Ethanol Metabolism” National University of Singapore, March 2002.
54. “Retinoic Acid, Its Receptors and the Liver” Department of Gastrointestinal Medical Oncology and Gastrointestinal Cancer Research Program in the Division of Cancer Medicine, University of Texas M. D. Anderson Cancer Center. May 2002.
55. “The Functional Role of Hepatocyte Retinoid X Receptor α in the Liver: From Cholesterol, Fatty Acid, and Carbohydrate to Ethanol Metabolism” Grand round, Department of Pathology, Harbor-UCLA Medical Center. May 2002.
56. “Retinoic Acid, Its Receptors and the Liver” Growth Factor and Signaling Seminar Series, Department of Medicine, University of California, Irvine. June 2002.
57. “Functional Role of RXRα in Hepatocyte: From Fatty Acid and Carbohydrate to xenobiotic Metabolism” Invited speaker for Orphan & Nuclear Receptors- Strategies for New Therapeutic Interventions, Organized by Knowledge Foundation. San Diego, CA June 2002.
58. “Hepatocyte RXRα-Deficient Mice Have Reduced Food Intake, Increased Body Weight, And Improved Glucose Tolerance” Presenter and Chair for Thyroid, Retinoid & Orphan Receptor Session, The Endocrine Society’s 84th annual meeting, San Francisco, CA June 2002.
59. “Functional Role of RXRα in Hepatocyte: From Fatty Acid, Carbohydrate to Alcohol Metabolism” Department of Gastroenterology, Juntendo University School of Medicine, Tokyo, Japan. August 2002.
60. “RXRα-the Center of the Metabolic Pathways” National Health Research Institute, Taipei, Taiwan. August 2002.
61. “Retinoids and the Liver” Loyola Marymount University, Bench to Bedside-Translating Basic Research to Clinical Application. October 2002.
62. “Alcohol Pharmacogenetics in Mexican Americans” Invited speaker for workshop on Alcohol Use and Health Disparities 2002: A Call to Arms. NIAAA, Bethesda, MD, December 5, 2002.
63. “RXRα-the Center of the Metabolic Pathways” NIH, NICHD, December 6, 2002.
64. “Introduction to Molecular Genetics” PGYII Seminar Series, Neurobiology and Neuropsychiatry. Harbor-UCLA Medical Center. December 11, 2002.
65. “RXRα-the Center of the Metabolic Pathways” Center of Molecular Genetics, University of Connecticut Health Center, January 6, 2003.
66. “RXRα-the Center of the Metabolic Pathways” Liver Center, Albert Einstein College of Medicine, New York, January 8, 2003.
67. “Functional Analysis of RXRα in Vivo” Department of Pharmacology, Toxicology, and Therapeutics” University of Kansas Medical Center, March 20, 2003.
68. “RXRα and Metabolism” Penn State University, University Park, PA. March 31, 2003.

69. “RXRα and Metabolism” University of Colorado Health Center, Denver, Colorado. April 28, 2003.
70. “RXRα-An Animal Model for Xenobiotic Metabolism” Kunming Institute of Zoology, Chinese Academy of Science. Kunming, Yunan, People’s Republic of China. August 2004
71. “RXRα and Alcohol-induced Liver Disease” Beijing University of Chinese Medicine. Beijing, People’s Republic of China. August 2004.
72. “Genetic Links to Disease” Mini-Medical School, University of Kansas Medical Center, Kansas. October 2004.
73. “Role of Genetically Altered Animals in Drug Metabolism Research- RXR Model” American Society of Pharmaceutical Science. November 2004.
74. “Genetic Influence on Alcoholism” Sigma Xi Seminar Series, University of Kansas. December 2004.
75. “RXRα - the Center of the Metabolism” Department of Molecular and Integrative Physiology, University of Kansas. January 2005.
76. “Vitamin A” Department of Pharmacology, Toxicology and Therapeutics, University of Kansas. March 2005.
77. “Functional Analysis of Retinoid X Receptor α in Hepatocyte” Department of Biochemistry and Molecular Biology, University of Kansas. March 2005.
78. “What Controls Liver Regeneration- A Myth or A Dream” Department of Pharmacology, University of Kansas Medical Center, March 2005.
79. “Alcohol Pharmacogenomics in Mexican Americans” University of Pittsburgh, June 2005.
80. “Psycho, Cancer, Cardiovascular and Addiction Pharmacogenomics” Liver Club, University of Kansas Medical Center, December 2005.
81. “Psycho and Alcohol Pharmacogenomics” National Health Research Institutes, Division of Mental and Substance Abuse Research, Taiwan, December 2005.
82. “Nuclear Receptors and Endo/Xenobiotic Metabolism” National Health Research Institutes, Division of Mental and Substance Abuse Research, Taiwan, December 2005.
83. “Psycho and Addiction Pharmacogenomics” Psychiatry Grand Rounds, The University of Kansas, School of Medicine-Wichita, January 2006.
84. “My Experience in Serving NIH Study Section”, Anything Goes, The University of Kansas, School of Medicine, Department of Pharmacology, February 2006.
85. KU Center for Healthcare Informatics Grand Rounds, Genomic Information, Reaction Panel, April 2006.
86. “Pharmacogenomics”, Taipei Medical University, June 2006.
87. “The Role of RXRα in Liver Xenobiotic and Endobiotic Metabolism” University of Rochester, Department of Pathology and Urology, New York, July 2006.
88. “Retinoids and Retinoid Receptors”, Kansas Masonic Cancer Research Institute, Cancer Risk Assessment, Prevention and Control Program, KUMC, October 2006.
89. “Retinoic Acid, Its Receptors, and Liver”, Faculty Research Day, KUMC, November 9, 2006.
90. “Functional Analysis of RARβ and RXRα”, Taipei Medical University, December 5, 2006.
91. “Retinoids-mediated Regulation of CYP3A Expression”, Department of Pharmacology, KUMC, February 14, 2007.
92. “Nuclear Receptors, Liver, and Longevity” Liver Club, KUMC, January 11, 2007.
93. “Psycho and Addiction Pharmacogenomics”, Department Psychiatry & Behavioral Sciences Grand Rounds, February 16, 2007.
94. “Haplotying of CYP2E1 and DRD2 and Its Association with Alcoholism”, Taipei Psychiatry Hospital, September 11, 2007.
95. “The Introduction of the Liver Center”, Liver Club, KUMC, October 4, 2007.
96. “Hepatocyte retinoid x receptor α in regulating liver inflammatory response”, Great Lakes Nuclear Receptor Meeting, University of Pittsburg, October 19, 2007.
97. “Research Approaches to Alcohol Abuse” Woman in Medicine and Science Presentation series. KUMC, November 14, 2007.
98. “Pharmacogenomics-Personalized Medication” Taipei Medical University, Affiliated Hospital, April 3, 2008.

99. “Nuclear Receptors in Liver Health and Disease” National Cheng Kung University, Tainan, Taiwan, April 7, 2008.
100. “The Role of Hepatic Nuclear Receptors in Regulating JAK/STAT Pathways”, Taipei Medical University, Integrated Graduate School Program, April 8, 2008.
101. Invited Keynote Speaker, “Functional Analysis of Nuclear Receptors in Steatosis and Steatohepatitis”, the Guangzhou-Hong Kong International Symposium on Hepatology. November 16, 2008.
102. “Functional Analysis of Nuclear Receptors in Steatosis and Steatohepatitis”, this talk was given in three cities (Guangzhou, Shenzhen, and Zhuhai) in China to GI physicians. The purpose was to stimulate translational research and increase the collaboration between basic researchers and physicians. Nov 17-19, 2008.
103. “Regulation and Polymorphism of Drug Metabolizing Genes”, this was given in three institutions: Taipei Medical Hospital (06/10/09), Taipei Medical University (06/11/09), and Chang Gen Memorial Hospital (06/12/09) in Taiwan.
104. “Nuclear Receptor and Hepatocyte Proliferation” National Institute of Cancer Research, National Health Research Institute (NHRI), Taiwan, June 15, 2009.
105. “Retinoids, Nuclear Receptor, and Hepatocyte Proliferation” Invited speaker, annual meeting of Society of Chinese Bioscientists in America, Taiwan, June 14- 18, 2009.
106. “PXR-mediated Pathways in Liver Health and Diseases” Chemical Biology and Therapeutics Department, St. Jude Children's Research Hospital, Memphis, TN, July 30, 2009.
107. “Nuclear Receptors-mediated Hepatocyte Proliferation, Cell Death, and Liver Injury”. City of Hope Medical Center, CA, September 1, 2009.
108. “Nuclear Receptors-mediated Hepatocyte Proliferation” Keynote speaker for Hong Kong and Guangdong Liver Symposium, November 13-14, 2009.
109. “Retinoid-mediated signaling in Regulating Liver Health and Disease”, Visiting Professor, University of California, Irvine, July 22-23, 2010.
110. “Functional Analysis of Retinoic Acid and Its Receptor in the Liver” University of Kentucky, October 13, 2010.
111. “Retinoid-mediated signaling in Regulating Liver Health and Disease”, Chancellors Club Keynote Address, KUMC Faculty Research Day, Nov 12, 2010.
112. “Retinoid-mediated signaling in Regulating Liver Health and Disease”, Visiting Professor, Taipei Medical University, Nov 16, 2010.
113. “Retinoid-mediated signaling in Regulating Liver Health and Disease”, University of California, Davis, June 30, 2011.
114. “The Impact of HCV infection in Nuclear Receptor-mediated Signaling Pathways”, Keynote speaker, the 5th Hong Kong- Guangdong Symposium on Liver Disease, Guangzhou, July 23-24, 2011.
115. “Genetic Signature of HCV infection and HCV Infection plus Alcohol Drinking in Human Livers”, Invited Speaker, the 13th International Symposium of the Society of Bioscientists in America. Guangzhou, China, scheduled on July 25-29.
116. “Hepatic Interferon Stimulated Gene expression in Chronic Hepatitis C”. Invited Speaker, Nanshan Hospital, Shenzhen, China, July 27, 2011.
117. “Retinoid/Hepatocyte RXRα in Liver Function”. Invited Speaker, the Liver Center, University of Southern California, December 15, 2011.
118. “Nuclear Receptor-mediated Signaling in Liver Cancer”, Cancer Biology Seminar, UC Davis July 2012.
119. “Nuclear Receptors and Liver”, Tuesday Club at the Center of Comparative Medicine, UC Davis, September 2012.
120. “Vitamin A and Liver Health”, Session III: Developments in Nutrition and Cancer, the 18th Annual Cancer, UC Davis Comprehensive Cancer Center, September 27-28, 2012.
121. “Retinoid-mediated Pathways in Regulating Liver Health and Disease” Visiting Professor, Institute of Chinese Meteria Medica, Shanghai University of Traditional Chinese Medicine, Shanghai, China, November 2012.

122. “The Role of Retinoic Acid and Its Receptors in Regulating Lipid Homeostasis”, Keynote speaker, the 6th Hong Kong- Guangdong Symposium on Liver Disease, Guangzhou, November 2012.
123. “Pharmacogenomics and Ethnicity”, Pathology Resident Lecture, UC Davis Medical Center, August 21st, 2013.
124. “How to Write a Manuscript”, UC Davis Medical Center, August 16th, 2013
125. "Retinoid-mediated Signaling in Regulating Liver Pathophysiology”, The Brasel Basic Science Conference at Harbor-UCLA Medical Center, October 8, 2013.
126. "Bile Acid-induced Death and Survival of Liver and Colon cell.” "Keynote speaker, the 7th Hong Kong- Guangdong Symposium on Liver Disease, Guangzhou, China, November 23-24, 2013.
127. “Nur77-induced Death and Survival of GI Cancer Cells”, Department of Pathology Grand Rounds, Harbor-UCLA Medical Center, January 24, 2014.
128. “Nur77-regulated death and survival of Liver and Colon Cancer Cells”, Graduate Group in Nutritional Biology, UC Davis, March 10, 2014.
129. “Gastrointestinal Cancer: Carcinogenesis and Treatment”, The grand opening of the Digestive Disease Center in Guangzhou, May 23, 2014.
130. “Liver and Colon Cancer: Carcinogenesis and Potential Treatment”, Department of Pathology & Laboratory Medicine Grand Rounds, UC Davis, July 21, 2014.
131. “Bile Acid and GI Carcinogenesis” UC Davis Comprehensive Cancer Center, Annual Symposium, September 24, 2014.
132. “GI Carcinogenesis and Potential Treatment”, Graduate Institute of Clinical Medical Science, China Medical University, Taichung, Taiwan, October 8, 2014.
133. “Steatosis and Liver Regeneration”, Annual National Fatty Liver Meeting, Guangzhou, China, Nov 27-29, 2015.
134. “FGF21-regulated metabolism”, Acceptance of professorship from Guangzhou Medical College, The First Guangzhou People’s Hospital, Guangdong, China, Nov 26, 2015.
135. “Gut Microbiota and Health”, Sen-Sui Hospital, Guangdong, China, Dec 2, 2015.
136. “Dysbiosis-associated Liver Tumorigenesis- A Model to Study the Effect of Synbiotic for Liver Cancer Prevention and Treatment “, The State of Science Cancer CAM Therapeutics workshop, Bethesda, MD, May 24-26, 2016.
137. “Metabolism and Proliferation” Taipei Medical University, Taipei, Taiwan, May 31, 2016
138. “GI Specimen Biobanking: Opportunities for Best Practices and Microbiota-Related Research”, Biorepository Management Workshop, 2016 Association of Pathology Chairs National Meeting, San Diego, CA, July 12-15, 2016.
139. “Bile Acid Metabolites Regulate Mucosal Inflammation”. NCI workshop: Modulation of Anti-Tumor Immune Responses by Diet- and Microbiome-derived Metabolites, NCI at Shady Grove, MD, August 29- September 1, 2016.
140. “The Interaction between Microbiota and Bile Acids in the Development of Liver Diseases". Invited lecture, Northeastern Ohio Medical University, Rootstown, Ohio, November 1, 2016.
141. “Modulation of Anti-Tumor Responses by Diet- and Microbiome-derived Metabolites”, Taipei Medical University. December 19, 2016.
142. “Gut Microbiota and Liver Health”, Liver Research Day, Sun Yat Sen Medical University, Guangzhou, December 21, 2016.
143. Stuffed and Starved: Dietary factors of Obesity and Malnutrition, The 2016-2017 UC Davis Campus Community Book Project. February 7, 2017.
144. “Gut Microbiome and the Development of Liver Disease”, Invited speaker at Liver Pathobiology Symposium Workshop entitled "Novel Insights into the Mechanisms of NAFLD and Autoimmune Liver Disease" at the American Society for Investigative Pathology (ASIP), Annual Meeting at Experimental Biology in Chicago, April 23, 2017.
145. “Nutrition and Obesity” Hugh Edmondson Lecture, UC Davis, July 13, 2017.
146. “Carcinogenesis modulated by bile acids and gut microbiota”, Pathology Department Grand Rounds, UC Davis, August 7, 2017.
147. “Gut and Skin axis” Presentation to the National Psoriasis Foundation, November 6, 2017.
148. "Gut, Liver, and Brain", Space Biosciences Research Branch, NASA Ames Research Center,

November 7, 2017.

149. “Endobiotics, Metabolism, and Gut Microbiota”, PTX290 Meet the Faculty Seminar Series, School of Veterinary Medicine, UC Davis, November 13, 2017.
150. “Gut-Liver, Brain and Skin Health” Sun Yat Sen Medical University, Guangzhou, China, November 21, 2017.
151. “Gut, Bile Acids, and Systemic Pathobiology”, Changsha, Hunan, November 24, 2017.
152. “Gut Microbiome, Bile Acids, and the Development of Non-alcoholic Steatohepatitis (NASH)”, Annual World congress of Digestive Disease, invited speaker to deliver plenary lecture and chair a section. December 4-6, Fukuoka, Japan http://www.bitcongress.com/wcdd2017
153. “Bile Acids as Intrinsic Links for Western Diet to Induce NASH” 2018 Academia Sinica in Taiwan - UC Davis Bilateral Symposium, invited speaker and session chair of Human Disease. January 22-23, 2018, UC Davis
154. “Gut Microbiota and Liver Regeneration” invited speaker for the annual Liver Transplantation meeting, Guangzhou, China, Feb 27-28, 2018. https://mp.weixin.qq.com/s/fqOy4QPS0tckC0s1qz3Xeg;
155. “Gut Microbiome, Bile Acids, and the Development of Systemic Inflammation”, Xiamen University, Xiamen, China, March 1, 2018.
156. “The Development of NASH Influenced by Gut Microbiota”, National Cheng Kun University, Tainan, Taiwan, June 2018.
157. “Tea, EGCG and Gut Microbiota” Finlays Tea visit to Global Tea Initiative for the Study of Tea Culture and Science, July 18, 2018, UC Davis
158. “Probiotics Market and Health”, BioTaiwan 2018, Taipei, July 20, 2018.
159. “Probiotics and Human Health” Chung Shan Hospital, Taipei, July 24, 2018
160. “Liver Carcinogenesis and Gut Microbiota” GI Malignancies Innovation group, UC Davis Cancer Center, August 16, 2018.
161. Microbiota and Liver Carcinogenesis” School of Pharmaceutical Science, Tsinghua University, October 23, 2018
162. “Microbiota and Liver Health” Guangdong, Macao, and Hong Kong Digestive Disease 2018, Guangzhou International Convention and Exhibition Center, November 1-2, 2018.
163. “Gut Microbiota, Tea, and Health”, Global Tea Initiative Colloquium, University of California Davis, January 24, 2019; https://globaltea.ucdavis.edu/2019-colloquium-speakers-and-talks.
164. “Gut Microbiota and Health” Annual Stowell lectureship and Departmental Research Retreat, UCD Health, May 7, 2019.
165. “Diet, Gut Microbiota, and Health” Society of Chinese Bioscientist in America, Kunming, China, July 24-27, 2019.
166. “Gut Microbiome-targeted Drug Discovery” Invited Keynote Speaker, 2019 Annual Conference of the Pharmaceutical Society of Taiwan, scheduled on Dec 14, 2019, Taipei, Taiwan.
167. “Gut Microbiota and Digestive Disease” Tianfu New District People’s Hospital and Pengzhou People’s Hospital, Sichuan, China. December 17, 2019.
168. “Gut Microbiome-based Cancer Development and Drug Discovery” UC Davis Comprehensive Cancer Center, Cancer Biology Seminar, Sacramento, Jan 30, 2020. https://ucdhs.hosted.panopto.com/Panopto/Pages/Viewer.aspx?id=50f00e6d-6d28-4766-89a3-ab1a01280a10
169. “Gut Microbiome-based Disease Development and Drug Discovery” Gen-Next Probiotics & Microbiome Congress, Sheraton San Diego Hotel & Marina, San Diego, CA, Feb 6-7.
170. “Gut Microbiome-based Carcinogenesis and Drug Discovery” Cedar-Sinai Medical Center, Los Angeles, CA, Feb 10, 2020.
171. “Gut Metabolites Mimicries: Cancer Drug Discovery” Global Impact of EMBA Program at Taipei Medical University, Taipei, Taiwan, September 19, 2020.
172. “Liver Carcinogenesis and Treatment Targeting Bile Acid Receptor Signaling” Joint cancer workshop between UC Davis Comprehensive Cancer Center and Roswell Park Cancer Institute, Buffalo, NY. April 21, 2021.
173. “Carcinogenesis and Treatment via the Gut-Liver Axis” Keynote speaker, T32 Oncogenic Signals

and Chromosome Biology Retreat, March 9, 2021.

174. "Time Management: Finding Balance between Personal and Professional Life" Workshop leader for the T32 Oncogenic Signals and Chromosome Biology Retreat, March 9, 2021.
175. "Obesity as a Risk for Cancer," UC Davis Comprehensive Cancer Center, UC Davis, June 23, 2021.
176. "Probiotics and Bile Acids" Invited speaker, American Diabetes Association's Scientific Sessions, The Bile Acid Receptor FXR and the Microbiome Symposium. June 25, 2021.
177. "Nutrition, Gut microbiota, and Health," Invited Speaker, Global Summer Program, Taipei Medical University, Taiwan, August 16-20, 2021.
178. "Elucidating dysbiosis-associated mechanisms affecting HCC treatment," Roswell Park and UC Davis cancer program retreat, January 12, 2022.
179. "Dysbiosis, Liver Carcinogenesis and Treatment" Online Global Summer Program, Taipei Medical University, Taiwan, July 18-22, 2022.
180. "Microbiota and Bile Acids in Liver Injury" Invited speaker, American Association for the Study of Liver Diseases (AASLD) annual meeting, Washington DC, Nov 4-8, 2022.
181. "The Gut Microbiota, Hepatic Inflammation, and Carcinogenesis" VuMedi, https://www.vumedi.com/video/th-gut-microbiota-hepatic-inflamation-and-carcinogenesis/ recorded on Dec 22, 2022.
182. "Gut Microbiota and Tumorigenesis Leading to Drug Discovery for Liver Cancer Treatment" Invited speaker, The American Physiological Society, Section: From human to superhuman: the influence of the gut microbiota on human physiology, Long Beach, CA, April 20-23, 2023.
183. "The Impact of Gut Microbiota on Liver Carcinogenesis Leading to Drug Discovery. Sun Yat Sen the Third People's Hospital, Guangzhou, China, May 22, 2023.
184. "The Impact of Gut Microbiota on Carcinogenesis Leading to Drug Discovery" Invited speaker, The Second Affiliated Hospital of Chongqing Medical University, Chongqing, China, June 5, 2023.
185. "The Impact of Gut Microbiota on Health." Invited speaker, Seminar Presentation at Suzhou Vocational Health College, Suzhou, China, June 12, 2023.
186. "Probiotics Improve Gastrointestinal Functions and Life Quality" Invited Speaker, Presentation at Suzhou City Hospital, Suzhou, China, June 13, 2023.
187. "The Impact of Gut Microbiota on Liver Health, Leading to Drug Discovery" Shanghai University of Traditional Chinese Medicine, Shanghai, China, June 14, 2023.
188. "Gut Microbiota and Metabolic Health" Keynote Speaker, World Congress on Endocrinology, Diabetes, and Metabolism, Chair, Session for the Clinical Endocrinology & Endocrine Neoplasia and Cancer. Rome, Italy, September 7-9, 2023.
189. "Drug Discovery Based on Dysbiosis: Novel Nano-drugs for Digestive Track Diseases" HitGen, Chengdu, China, April 5, 2024.
    "Drug Discovery Based on Dysbiosis: Novel Nano-drugs for Liver Cancer Treatment," Nanjing Medical University, Nanjing, China, April 12, 2024.
190. "Novel Options for HCC Treatment" Hubei Cancer Hospital, Wuhan, Hubei, China. July 20, 2024.
191. "Drug Discovery for MASH and Cancer Treatment" Plenary Speaker, 2024 Taipei Medical University RCDM and Taipei Cancer Center Joint International Conference, online, Sep 28, 2024.
192. "Uncovering the Gut-Liver Axis Biomarkers for Predicting Metabolic Burden in Mice," The 2nd International Symposium on Frontiers of Biomedicine and Health, Organized by Huazhong Agricultural University, online, Sep 28, 2024.
193. "Targeting the gut-liver axis for biomarker and drug discovery," Visiting Professor, Institute of Biomedical Sciences, National Chung Hsing University, Taichung, Taiwan, Oct 14, 2024.
194. "The impact of the gut microbiota on health." Visiting Professor, Veteran General Hospital Taichung, Taiwan, Oct 15, 2024.
195. "Biomarkers for Metabolic Distress," Beijing Agriculture University, Beijing, China, Oct 16, 2024.
196. "Gut microbiota and health," Xiaogyang No 1 People's Hospital, Affiliated with Hubei University of Medicine, China, Oct 22, 2024.
197. "Metabolic Biomarker Discovery Using Bioinformatics and Machine Learning," Biomedical International Two Rivers Conference, Chongqing, China, Oct 25, 2024.

198. “The Significance of miR-22-Galectin-1 Axis in HCC Treatment,” SCBA, Hepatology Division Annual Meeting, San Diego, CA, Nov 13, 2024.
199. “The anti-HCC effects of BCG.” Hubei Annual Cancer Conference, Wuhan, Hubei, November 29-30, 2024. Attended remotely.
200. “The anti-HCC effects of BCG.” Annual Digestive Disease Translation Conference. Guangzhou, November 29, 2024. Attended remotely.
201. “Applying Machine Learning in Electronic Health Records to Identify the Risks for Alzheimer’s Disease,” Featured Speaker, California Department of Public Health, Alzheimer’s Disease Program Research Symposium. February 7, 2025, Sacramento, CA.
202. Liver Carcinogenesis and Treatment,” 2025 Biochemistry and Molecular Biology Program Seminar Series, Loyola University Chicago, Maywood, IL. Scheduled for Oct 7, 2025.

Publications:

Complete List of Published Work in MyBibliography http://www.ncbi.nlm.nih.gov/sites/myncbi/yu-jui.wan.1/bibliography/43144287/public/?sort=date&direction=ascending

1. Wu T-C, Wan Y-J, Damjanov I. Rat serum promotes the in vitro development of mouse blastocysts during early somitic stages of embryogenesis. J Exp Zool. 1981 Sep;217(3):451-53. doi: 10.1002/jez.1402170318. PubMed PMID: 7338718.
2. Wu T-C, Wan Y-J, Damjanov I. Positioning of inner cell mass determines the development of mouse blastocysts in vitro. J Embryol Exp Morphol. 1981 Oct;65:105-17. PubMed PMID: 7334294.
3. Wu T-C, Wan Y-J, Damjanov I. Mouse egg cylinders developed in vitro may form benign and malignant teratoid tumors. Experientia. 1982 Jan 15;38(1):128-9. doi: 10.1007/bf01944568. PubMed PMID: 7056355.
4. Wan Y-J, Wu T-C, Damjanov I. Development of early somitic mouse embryos in static culture in vitro. J Exp Zool. 1982 Apr 10;220(2):219-25. doi: 10.1002/jez.1402200210. PubMed PMID: 7077268.
5. Wan Y-J, Wu T-C, Damjanov I. Twinning and conjoined placentation in mice. J Exp Zool. 1982 May 20;221(1):81-6. doi: 10.1002/jez.1402210110. PubMed PMID: 7097179.
6. Wu T-C, Wan Y-J, Damjanov I. Distribution of Bandeiraea simplicifolia lectin binding sites in the genital organs of female and male mice. Histochemistry. 1983;77(2):233-41. doi: 10.1007/bf00506566. PubMed PMID: 6341328.9.
7. Wu T-C, Wan Y-J, Damjanov I. Fluorescein-conjugated Bandeiraea simplicifolia lectin as a marker of endodermal, yolk sac, and trophoblastic differentiation in the mouse embryo. Differentiation. 1983;24(1):55-9. doi: 10.1111/j.1432-0436.1983.tb01302.x. PubMed PMID: 6409701.
8. Wan Y-J, Wu T-C, Damjanov I. Immediate and delayed effects of vincristine administered during early postimplantation stages of murine embryogenesis. J Exp Zool. 1983 Jul;227(1):49-55. doi: 10.1002/jez.1402270108. PubMed PMID: 6619766.
9. Lee MC, Wu T-C, Wan Y-J, Damjanov I. Pregnancy-related changes in the mouse oviduct and uterus revealed by differential binding of fluoresceinated lectins. Histochemistry. 1983;79(3):365-75. doi: 10.1007/bf00491772. PubMed PMID: 6418694.
10. Wu T-C, Wan Y-J, Chung AE, Damjanov I. Immunohistochemical localization of entactin and laminin in mouse embryos and fetuses. Dev Biol. 1983 Dec;100(2):496-505. doi: 10.1016/0012-1606(83)90242-7. PubMed PMID: 6653883
11. Wan Y-J, Wu T-C, Chung AE, Damjanov I. Monoclonal antibodies to laminin reveal the heterogeneity of basement membranes in the developing and adult mouse tissues. J Cell Biol. 1984 Mar;98(3):971-9. doi: 10.1083/jcb.98.3.971. PubMed PMID: 6365932; PubMed Central PMCID: PMC2113154.
12. Wu T-C, Lee MC, Wan Y-J, Damjanov I. Lectin binding sites of the mouse ovary, intraovarian and ovulated ova. Histochemistry. 1984;80(6):527-33. doi: 10.1007/bf02400967. PubMed PMID: 6432745.
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midsomite stage and is inducible in earlier-stage embryos by interferon. Proc Natl Acad Sci U S A. 1985 Apr;82(8):2427-31. doi: 10.1073/pnas.82.8.2427. PubMed PMID: 2581247; PubMed Central PMCID: PMC397571.
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15. Kasik JW, Wan Y-J, Ozato K. A burst of c-fos gene expression in the mouse occurs at birth. Mol Cell Biol. 1987 Sep;7(9):3349-52. doi: 10.1128/mcb.7.9.3349. PubMed PMID: 3313015; PubMed Central PMCID: PMC367977.
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31. Wu T-C, Wang L, Wan Y-J. Detection of estrogen receptor messenger ribonucleic acid in human oocytes and cumulus-oocyte complexes using reverse transcriptase-polymerase chain reaction. Fertil Steril. 1993 Jan;59(1):54-9. PubMed PMID: 7678235.
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9610(05)80581-1. Review. PubMed PMID: 8392301.
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78. Wan Y-J. Interaction between nuclear receptor and cytochrome P450 genes. The Pacific Rim Association for Clinical Pharmacogenetics, Hong Kong, October 2001.
79. Wan Y-J, Han G, Cai Y, Konishi T, Dai T. Hepatocyte RXRα-deficient mice have reduced food intake, increased body weight, and improved glucose tolerance. The Endocrine Society's 84th annual meeting, San Francisco, CA 2002. (Served as a Chair for an oral abstract session- Thyroid, Retinoid & Orphan Receptor)
80. Han G, Li J, Wan X-D, French S, Wan Y-J. Hepatocyte RXRα-deficiency leads to increased alcohol elimination rate and alcohol-induced liver pathology. RSA/ISBRA joint meeting, San Francisco, CA 2002.
81. Lin KM, Konishi T, Smith JL, Calvillo M, Lee T, Feng J, Eysselein V, Wan Y-J. Genetics and alcoholism in Mexican Americans. RSA/ISBRA joint meeting, San Francisco, CA 2002.
82. Smith JL, Leng AS, Calvillo M, Lin KM, Wan Y-J. Symptom profile of Mexican American alcoholics by SSAGA-II. RSA/ISBRA joint meeting, San Francisco, CA 2002.
83. Perlis RH, Wan Y-J, Smoller JW, Mischoulon D, Lin KM, Rosenbaum JF. Serotonin transporter polymorphisms and adverse effects with fluoxetine treatment. Annual meeting of American College of Neuropsychopharmacology meeting. Puerto Rico, December 2002.
84. Cherrington NJ, Slitt AL, Wan Y-J, Moore DD, Klaassen CD. Induction of multidrug resistance protein 3 (Mrp3) in vivo is independent of constitutive androstane receptor. Society of Toxicology meeting, 2003.
85. Ao Y, Zhang X-X, Lu S, French SW, Wan Y-J. Hepatocyte RXRα-deficient mice are protected from drug-induced morphological changes but have an increased histological score. Submitted to RSA annual meeting 2003.
86. Konishi T, Leng A-S, Lin K-M, Wan Y-J. Polymorphisms of dopamine D2 receptor, serotonin transporter, and GABA receptor β3 subunit genes and alcohol dependence in Mexican Americans. Submitted to RSA annual meeting 2003.
87. Konishi T, Calvillo, Leng A-S, Lin K-M, Wan Y-J. The genetic risk factors for alcoholism in Mexican Americans. Biomedical Investment & Strategic Partnering Opportunities Conference. LA, CA 2003.
88. Wan Y-J, Yan A, Dai T, Konishi T, Wu Y, Zhang X-X. RXRα is the center of metabolic pathways. Biomedical Investment & Strategic Partnering Opportunities Conference. LA, CA 2003.
89. Targeting RXR receptors for the treatment of diabetes and obesity. Published in The Lead Discovery. http://www.leaddiscovery.co.uk/target-discovery/abstracts/PubMed-030306.html, 2003.

90. Slitt AL, Cherrington NJ, Chen CC, Maher J, Wan Y-J, Klaassen CD. Absence of RXRα increases hepatic drug metabolism and transporter gene expression during cholestasis. International Society for Study Xenobiotics 2003.
91. Slitt AL, Cherrington NJ, Chen CC, Maher J, Wan Y-J, Klaassen CD. During cholestasis loss of RXRα is hepatoprotective and increases expression of genes for metabolism and transport in liver. Society of Toxicology, 2004.
92. Wu Y, Zhang X, French SW, Lu S, Wan Y-J. Retinoid x receptor α regulates phase I and phase II detoxification process. The 10th International meeting for the Society of Chinese Bioscientists in America (SCBA) 2004.
93. Dai G, Chou N, He L, Gyamfi M, Mendy AJ, Wan Y-J. Hepatocyte RXRα regulates the expression of the glutathione *S*-transferase genes and modulates acetaminophen-glutathione conjugation in mouse liver. Society of Toxicology, Central State Chapter meeting, 2004.
94. Dai G, Chou N, He L, Gyamfi M, Mendy AJ, Wan Y-J. Gender difference of acetaminophen-induced hepatotoxicity in mice. Society of Toxicology, Central State Chapter meeting, 2004. (Received the Best Poster award).
95. Kocsis MG, Dai G, Mendy AJ, Wan Y-J. Mice with hepatocyte-specific RXRα deficiency have altered alcohol metabolism. Society of Toxicology, Central State Chapter meeting, 2004.
96. Dai G, Chou N, He L, Gyamfi M, Mendy AJ, Wan Y-J. Gender difference of acetaminophen-induced hepatotoxicity in mice. The Society of Toxicology, New Orleans, 2005. (Selected for oral presentation).
97. Dai G, Chou N, He L, Gyamfi M, Mendy AJ, Wan Y-J. Hepatocyte RXRα regulates the expression of the glutathione *S*-transferase genes and modulates acetaminophen-glutathione conjugation in mouse liver. The Society of Toxicology, New Orleans, 2005.
98. Kocsis MG, Dai G, Mendy AJ, Wan Y-J. Mice with hepatocyte-specific RXRα deficiency have altered alcohol metabolism. The Society of Toxicology, New Orleans, 2005. (Received travel award).
99. Luo HR, Hou ZF, Wu J, Zhang YP, Wan Y-J. Evolution of the DRD2 gene haplotype and its association with alcoholism in Mexican Americans. Research Society on Alcoholism, Santa Barbara, 2005.
100. Luo HR, Wan Y-J. Comparison of alcohol drinking behaviors and associated problems between Mexican benders and nonbenders. Research Society on Alcoholism, Santa Barbara, 2005.
101. Gyamfi MA, Wan Y-J. Ethanol inhibits glutathione *S*-transferase Mu activity in primary mouse hepatocytes. Research Society on Alcoholism, Santa Barbara, 2005.
102. Gyamfi MA, Dai G, Wan Y-J. RXRα deficiency potentates the reduction of hepatocyte GSH levels induced by ethanol and acetaldehyde. Research Society on Alcoholism, Santa Barbara, 2005.
103. Luo HR, Gaedigk A, Aloumanis V, Wan Y-J. *CYP2D6* genotyping in Mexican Americans. Society of Toxicology, Central State Chapter meeting, Iowa, 2005.
104. Luo HR, Poland RE, Lin K-M, Wan Y-J. CYP2C19 polymorphism in Mexican Americans: A cross-ethnic comparative study. Society of Toxicology, Central State Chapter meeting, Iowa, 2005.
105. Gyamfi MA, Wan Y-J. The effect of ethanol, ethanol metabolizing enzyme inhibitors, and vitamin E on regulating glutathione, glutathione *S*-transferase, and *S*-adenosylmethionine in mouse primary hepatocyte. Society of Toxicology, Central State Chapter meeting, Iowa, 2005.
106. Mendy AJ, Dai G, He L, Wan Y-J. Retinoids activate the SXR/RXR-mediated pathway and induce the expression of CYP3A4. Society of Toxicology, Central State Chapter meeting, Iowa, 2005.
107. Luo HR, Hou Z-F, Wu J, Zhang Y-P, Wan Y-J. The DRD2 Gene haplotype is associated with alcoholism in Mexican Americans**.** Society of Toxicology, Central State Chapter meeting, Iowa, 2005.
108. Gyamfi MA, Dai G, He L, Mendy A, Wan Y-J. RXRα in regulating alcohol detoxification. Keystone Symposium, Nuclear Receptor, Banff, CA. 2006.
109. Bu P, Wan Y-J. Fenretinide induces apoptosis in human hepatoma cell line Huh-7. Central States Society of Toxicology annual meeting, KS, 2006.
110. Yang M, Luo H, Petelin B, Wan Y-J. CYP2E1 and alcoholism in Mexican Americans. Central States Society of Toxicology annual meeting, KS, 2006.

111. Wang K, Chen S, Wan Y-J. Retinoids can activate RXR/RXR, but preferentially activate RXR/VDR-mediated pathway and induce CYP3A4 in HepG2 cells. Central States Society of Toxicology annual meeting, KS, 2006.
112. Luo H, Reimer GN, Wan Y-J. Mu-opioid receptor gene polymorphism A118G protecting from alcoholism in a Mexican American population. Central States Society of Toxicology annual meeting, KS, 2006.
113. Gyamfi MA, He L, Wan Y-J. Role of retinoid x receptor α (RXRα) in alcoholic and nonalcoholic steatohepatitis. Central States Society of Toxicology annual meeting, KS, 2006.
114. Bu P, Wan Y-J. Fenretinide-induced aoptosis of Huh-7 human hepatoma cell is associated with induction of the RARβ gene. Society of Toxicology annual meeting, Charlotte, NC, 2007.
115. Wang K, Shiyong C, Wan Y-J. Retinoids activate the RXR/RXR and RXR/VDR-mediated pathway and CYP3A4 in HepG2 cells. Society of Toxicology annual meeting, Charlotte, NC, 2007.
116. Bu P, Wan Y-J. Expression of the retinoic acid receptor β gene is essential for fenretinide-induced apoptosis in human hepatocellular carcinoma cells. American Association for Cancer Research, LA, 2007.
117. Gyamfi MA, He L, Wan Y-J. Enhancement of pro-inflammatory cytokines and chemokines in alcohol-fed hepatocyte RXRα-deficient mice. Research Society of Alcoholism, Chicago, 2007.
118. Gyamfi MA, He L, Damjanov I, French S, Wan Y-J. The pathogenesis of ethanol versus methionine/choline deficient diet-induced liver injury. Research Society of Alcoholism, Chicago, 2007.
119. Gyamfi MA, He L, Wan Y-J. Methionine and choline deficient diet-induced cholestasis and steatohepatitis in hepatocyte RXRα-deficient mice. Research Society of Alcoholism, Chicago, 2007.
120. Yang M, Wan Y-J. A haplotype analysis of CYP2E1 polymorphisms in relation to alcoholic phenotypes in Mexican Americans. Central States Society of Toxicology annual meeting, Iowa City, IA, 2007.
121. Yang X, Alnouti Y, Wan Y-J. Application of an improved HPLC-MS/MS method to study the gender difference in hepatic retinoid contents. Central States Society of Toxicology annual meeting, Iowa City, IA, 2007.
122. Wang K, Wan Y-J. The role of RXRα in regulation of LPS-induced gene expression. Central States Society of Toxicology annual meeting, Iowa City, IA, 2007.
123. Bu P, Wan Y-J. Fenretinide-induced Apoptosis of Huh-7 Hepatocellular Carcinoma Is Retinoic Acid Receptor β Dependent. Central States Society of Toxicology annual meeting, Iowa City, IA, 2007.
124. Guo M, Gong L, Lehman-McKeema L, Wan Y-J. Gender-dependent hepatic gene expression during aging. Central States Society of Toxicology annual meeting, Iowa City, IA, 2007.
125. Dai D, He L, Bu P, Wan Y-J. Pregnane X receptor is essential for normal progression of liver regeneration. Central States Society of Toxicology annual meeting, Iowa City, IA, 2007.
126. Wan Y-J, Gyamfi MA, Wang K. Hepatocyte retinoid x receptor α in regulating liver inflammatory response. Great Lakes Nuclear Receptor Meeting, University of Pittsburg, October 2007.
127. Guo M, Gong L, Lehman-McKeema L, Wan Y-J. Gender- and age-dependent hepatic gene expression due to RXRα deficiency. National Society of Toxicology annual meeting, Seattle, WA, 2008.
128. Guo M, Gong L, Lehman-McKeema L, Wan Y-J. Hepatic gene expression during aging in male and female mice. National Society of Toxicology annual meeting, Seattle, WA, 2008.
129. Kosters A, Wan Y-J, Karpen S. Complex roles for hepatic RXRα in response to lipopolysaccharide-induced inflammation. Nuclear Receptor Meeting, Keystone Symposium, Whistler, British Columbia, Canada, March 2008.
130. Kosters A, Wan Y-J, Karpen S. Differential effects of hepatocyte-specific deletion of the DNA-binding domain of RXRα on hepatic gene regulation in LPS-induced inflammation. American Association for the Study of Liver Disease. San Francisco, October 2008.
131. Wang K, Damjanov I, Wan Y-J. Activation of pregnane x receptor prevents lipopolysaccharide/D-galactosamine-induced acute liver failure in mice. Experimental Biology Meeting, New Orleans, April 2009.

132. Yang X, Zhang Y, Klaassen CD, Wan Y-J. Gender disparity of hepatic lipid homeostasis regulated by the circadian clock. Experimental Biology Meeting, New Orleans, April 2009.
133. Yang X, Guo M, Wan Y-J. Hepatocyte retinoid X receptor α (RXRα) deficiency impairs liver regeneration through multiple pathways. (Dr. Yang received a travel award.) Experimental Biology Meeting, New Orleans, April 2009.
134. Gyamfi M, Wan Y-J. Mechanism of resistance of hepatocyte retinoid receptor α-null mice to Wy14, 643-induced hepatocyte proliferation and cholestasis. (selected for oral presentation) European Association for the Study of the Liver Disease, Copenhagen, April 2009.
135. Yang X, Wan Y-J. Hepatocyte RXRα- A key element of liver regeneration. European Association for the Study of the Liver Disease, Copenhagen, April 2009.
136. Wan Y-J. Retinoids, nuclear receptor, and hepatocyte proliferation, annual meeting of Society of Chinese Bioscientists in America, Taipei, Taiwan, June 15- 19, 2009.
137. Wan Y-J, Bushue N, Yang H. The differential effect of all-trans retinoic acid and fenretinide in regulating differentiation and apoptosis, respectively of liver cancer cell. Translational Cancer Medicine, AACR, Amsterdam, March 2010.
138. Apte U, Edward G, Guo G, Wan Y-J. Wolfe A. Yes-associated protein expression is induced in hepatocelular carcinoma and is responsive to cell density. Experimental Biology, Anaheim, CA, April 2010
139. Bushue N, Wan Y-J. The mechanisms by which fenretinide and all-trans-RA induce apoptosis and differentiation, respectively, in HCC cells. Experimental Biology, Anaheim, CA, April 2010.
140. Yang H, Wan Y-J. HDAC inhibitors potentiate fenretinide-induced apoptosis through mitochondrial enrichment of Nur77 in HCC cells. Liver Center Annual Symposium, KUMC, May 27, 2010.
141. Wu C, Gilroy R, Wan Y-J. Genetic Signature of HCV infection and HCV infection plus alcohol drinking in human livers. Presented at the 13th SCBA International Symposium, July 25-29, 2011.
142. Yang H, Wan Y-J. Mitochondrial enrichment of Nur77 mediated by RARβ leads to apoptosis of human hepatocellular carcinoma cells induced by fenretinide and histone deacetylase inhibitors. AASLD, Boston, October 29-November 2, 2010. Received AASLD Presidential Poster of Distinction.
143. Dunn W, Wan Y-J. The interaction between obesity and alcohol: a population-based autopsy study. DDW May 2011, Chicago.
144. Wu C, Gilroy R, Abdulkarim B, Forster J, Taylor R, Wan Y-J. Alteration of hepatic nuclear receptor-mediated signaling pathways in HCV patients with and without a history of alcohol drinking. AASLD, San Francisco, November 4-8, 2011.
145. Wu C, Gilroy R, Damjanov I, O'Neil M, Taylor R, Wan Y-J. Hepatic nuclear receptor-mediated pathways in steatosis and fibrosis in HCV-infected patients. AASLD, San Francisco, November 4-8, 2011.
146. Johnson D, Wu C, Wan Y-J. HCV core protein expression alters nuclear receptor-mediated signaling: gene expression profiling of nuclear receptor-mediated pathways in HCV core transgenic mice and chronic hepatitis C patients. AASLD, San Francisco, November 4-8, 2011.
147. Zhan Q, Liu H-X, Gonzalez F, Wan Y-J. Hepatic steatosis in peroxisome proliferator-activated receptor (PPAR) α humanized mice impaired liver regeneration. AASLD, San Francisco, November 4-8, 2011.
148. Liu H-X, Zhan Q, Gonzalez F, Wan Y-J. Peroxisome proliferator-activated receptor (PPAR) β is essential for normal progression of liver regeneration by modulating lipid homeostasis and Phosphoinositide-dependent Protein Kinase 1 (PDK1)/Akt-mediated signaling. AASLD, San Francisco, November 4-8, 2011.
149. Zhan Q, Liu H-X, Wan Y-J. Lack of nuclear receptor Nur77 results in transient injury in partial hepatectomy-induced regenerating livers. AASLD, San Francisco, November 4-8, 2011.
150. Dunn, W, Zeng Z, O'Neil M, Zhao J, Wan Y-J, Mitchell E, Handler M, Weinman S. The interaction between rs738409, obesity and alcohol: a population-based autopsy study. AASLD, San Francisco, November 4-8, 2011.
151. Wu C, He Y, Gilroy R, Wan Y-J. The differential expression of two groups of interferon-stimulated genes in chronic hepatitis C patients. EASL, Barcelona, April 18-22, 2012.

152. Stoppler H, Auger J, Boyle D, Davidson P, Dubinett S, Johnston C, Ljung BM, McFall C, Mercola D, Tempero M, Vanderberd S, Wan Y-J, Boyd E, Dohan D, Dry S. Developing recommended best practives for biobanking operations and governance for the University of California system. Presented at the 2013 ISBER Annual Meeting, May 5-9, 2013.
153. Raglow Z, Wu C, Wan Y-J, Dunn W, Gilroy R. Recipient EL28B Genotype is associated with differential expression of interferon-stimulated genes after liver transplantation. Presented at the 19th Annual International Liver Transplantation Society, June 12-15, 2013.
154. He Y, Gong L, Fang Y, Zhan Q, Liu H, Lu Y, Guo G, Lehman-Mckeeman L, Fang J, Wan Y-J. Genomic Binding and Transcriptome Profiling Defines the Role of Retinoic Acid in Hepatic Lipid Homeostasis. Endocrinology Annual Meeting, June 15-18, 2013, Received Young Investigator Travel Award.
155. Lu Y, Zhan Q, He Y, Wan Y-J. Genome-wide profiling of RARα and RARβ binding site reveals the role of retinoic acid in mouse liver. Endocrinology Annual Meeting, June 15-18, 2013
156. Liu H-X, Hu Y, Wan Y-J. PPARβ Regulates Liver Regeneration by Modulating Akt and E2f Signaling. The 10th Annual Research Retreat, Department of Pathology, UC Davis Medical Center, September 5, 2013.
157. Lu Y, Zhan Q, He Y, Wan Y-J. Genome-wide profiling of RARα and RARβ binding site reveals the role of retinoic acid in mouse liver. The 10th Annual Research Retreat, Department of Pathology, UC Davis Medical Center, September 5, 2013.
158. Hu Y, Liu H-X, He Y, Wan Y-J. Transcriptome profiling and genome-wide DNA binding define the differential role of fenretinide and all-trans RA in regulating the death and survival of human hepatocellular carcinoma cells. The 10th Annual Research Retreat, Department of Pathology, UC Davis Medical Center, September 5, 2013.
159. Hu Y, Chau T, Liu H-X, Wan Y-J. NUR77 mediates bile acid-induced death and survival in liver and colon cells. Presented in the International Liver Congress, London, April 9-13, 2014.
160. Hu Y, Zhan Q, Liu H-X, Chau T, Li Y, Wan Y-J. Accelerated partial hepatectomy-induced liver cell proliferation is associated with liver injury in Nur77 knockout mice. The 11th Annual Research Retreat, Department of Pathology, UC Davis Medical Center, September 19, 2014.
161. Liu H-X, Ly I, Wan Y-J. Retinoic Acid Regulates Cell Cycle Genes and Accelerates Normal Mouse Liver Regeneration. The 11th Annual Research Retreat, Department of Pathology, UC Davis Medical Center, September 19, 2014.
162. Yang F, He Y, Liu H-X, Tsuei J, Jiang X, Yang L, Wan Z-T, Wan Y-J. All-trans retinoic acid regulates hepatic hile acid homeostasis. The 11th Annual Research Retreat, Department of Pathology, UC Davis Medical Center, September 19, 2014.
163. Hu Y, Chau T, Liu H-X, Liao D, Keane R, Nie Y, Yang H, Wan Y-J. Bile Acids Regulate the Expression and Intracellular Location of Nur77 Oncogene to Control the Proliferation and Apoptosis of Gastrointestinal Cells. The 20th Annual Cancer Research Symposium, UC Davis Comprehensive Cancer Center, UC Davis Medical Center, September 23, 2014.
164. Dry S, Davidson P, vanDraanen J, Boyle D, Tempero M, McFall C, Mercola D, Wan Y-J, Auger J, Dubinett S, Johnston C, Magyar C, Nakazono T, Stoppler H, Vandenberg S. Conducting a Needs Assessment for a University of California Biobanking System. UC BRAID Retreat, La Jolla, CA. November 7, 2014.
165. Yang F, Hu Y, Wan Y-J. miR-22-targeted Cycle A expression in GI cancer cells is regulated by bile acid receptor. Selected for oral presentation at the 50th International Liver Congress, Vienna, Austria, April 22-26, 2015.
166. Liu H-X, Hu Y, Wan Y-J. FGF21 facilitates normal liver regeneration and restores impaired liver regeneration in steatoic liver. The AASLD Liver Meeting 2015, San Francisco, CA, November 13-17. Received AASLD Presidential Poster of Distinction.
167. Liu H-X, Hu Y, Sheng L, Wan Y-J. Shifting gut microbiota and bile acid profiles in retinoic acid-primed mice that exhibit accelerated liver regeneration. The AASLD Liver Meeting 2015, San Francisco, CA, November 13-17.
168. Liu H-X, Hu Y, Rocha CS, Dandekar S, Wan Y-J. Dynamic shift of microbiota and its relationship with hepatic gene expression during liver regeneration. Liver Meeting 2015, San Francisco, CA,

November 13-17. Selected for oral presentation and received Young Investigator Travel Award,

169. Hu Y, Liu H-X, Wan Y-J. RA and butyrate induce liver and colon cancer cell apoptosis through miR-22 silencing of HDACS. The AASLD Liver Meeting 2015, San Francisco, CA, November 13-17.
170. Chau T, Hu Y, Wan Y-J. RA and butyrate synergistically induce colon cancer cell apoptosis via RARβ and Nur77 upregulation and nuclear export. UC Davis Annual Medical Student Research Forum, March 2016.
171. Jena PK, Sheng L, Liu HX, Kalanetra K, Krishnan V, Mills D, Wan Y-J. Gut microbiota-associated hepatic inflammation driven by FXR deficiency. 2017 Keystone Symposium, Microbiome in Health and Disease, Denver, CO, February 5-10, 2017.
172. Sheng L, Jena PK, Liu HX, Kalanetra K, Gonzalez F, French S, Krishnan V, Mills D, Wan Y-J. Gender disparity in metabolism and gut microbiota is FXR-dependent. 2017 Keystone Symposium, Microbiome in Health and Disease, Denver, CO, February 5-10, 2017.
173. Jena PK, Sheng L, Lucente JD, Jin L-W, Maezawa I, Wan Y-J. Dysregulated bile acid synthesis and dysbiosis are implicated in Western diet-induced systemic inflammation, microglial activation, and reduced neuroplasticity. UC Davis Alzheimer's Disease Center Annual Symposium. November 13, 2017.
174. Mordaunt CE, Shibata NM, Kieffer DA, Czlonkowska A, Litwin T, Weiss KH, Gotthardt DN, Olson K, Wei D, Cooper S, Wan Y-J, Ali M, LaSalle JM, Medici V. Epigenomic Signatures of Disease Status and Clinical Presentation in Wilson Disease Patients. AASLD, Nov 9-13, 2018.
175. Sheng L, Jena PK, Wan Y-J. Aged gut microbiota is implicated in hepatic inflammation and metabolic disease in a sex-dependent manner. Selected for oral presentation and received Basic Science Young Investigator Travel Award, AASLD, San Francisco, Nov 9-13, 2018.
176. Wan Y-J. Diet, Gut Microbiota, and Health. Society of Chinese Bioscientists in America, Kunming, China. July 24-28, 2019.
177. Hu Y, Jena PK, Liu H, Sheng L, Mohamed A. Wan Y-J. Metabolic disease treatment by *miR-22* inhibitor and obeticholic acid via FGF21 and FGFR1, AASLD, Boston, Nov 8-12, 2019.
178. Wan Y-J. Gut Microbiome-based drug discovery. Markets and Markets Gen-Next Probiotics and Microbiome Congress, San Diego, February 6-7. 2020.
179. Wan Y-J, Jena P. Concomitant improvement of synaptic decline and NASH using fermentable fiber inulin. Experimental Biology, San Diego, April 4-7, 2020 (meeting cancelled due to COVID-19 epidemic, abstract published)
180. Zhenrui Shi, Wan Y-J, Samuel Hwang. Short-term exposure to Western diet predisposes mice to psoriasis-like skin and joint inflammation. Society for Investigative Dermatology Annual Meeting. May 13-16, 2020, Scottsdale, AZ.
181. Shih T, Hu Y, Liu R, Lam K, Wan Y-J. Hepatocellular carcinoma treatment using a galectin 1 inhibitor. UDC Comprehensive Cancer Center Annual Symposium Oct 9, 2020. CA
182. Shih T, Wan Y-J. Novel role of glypican 3 in cancer-induced immunosuppression. UDC Comprehensive Cancer Center Annual Symposium Oct 9, 2020. CA
183. Hu Y, Liu R, Lam K, Wan Y-J. Microbial metabolite mimicry, a nano-drug for colon cancer treatment. Dr. Ying Hu received a second-place award for the 26th Annual Cancer Research Symposium and the 14th Annual Spotlight on Junior Investigators. UDC Comprehensive Cancer Center Annual Symposium Oct 9, 2020. CA
184. Hu Y, Vaziri F, Setayesh T, Wan Y-J. miR-22 gene therapy treats HCC in mice. UCD Comprehensive Cancer Center Annual Symposium, Sept 29, 2021, CA
185. Setayesh T, Vaziri F, Hu Y, Yang G, Liu R, Lam KS, Wan Y-J. Targeting Galectin 1 Treats Hepatocellular Carcinoma in Mouse Models. UCD Comprehensive Cancer Center Annual Symposium Sept 29, 2021. CA
186. Bloomstein J, Wu X, Shi Z, Wu C-Y, Yamada D, Huynh M, Kim J, Wan Y-J, Hwang S. Bile acid supplementation ameliorates Western-diet induced psoriatic dermatitis in mice. Society for Investigating Dermatology Annual Meeting, May 18, 2022. Portland, OR.
187. Hu Y, Setayesh T, Vaziri F, Wu X, Yamada D, Hwang S, Chen X, Wan Y-J. miR-22 treats HCC by inducing retinoic acid signaling and modulating T cell function. AASLD annual meeting,

Washington DC, Nov 4-8, 2022. Oral presentation.

188. Setayesh T, Hu Y, Vaziri F, Chen X, Wan Y-J. Targeting galectin1 treats hepatocellular carcinoma. AASLD annual meeting, Washington DC, Nov 4-8, 2022.
189. Liu R, Durbin-Johnson B, Paciotti B, Liu AT, Weakley A, Liu X, Wan Y-J. Alcohol, Liver Health, BMI, and Race/Gender Influence Alzheimer's Disease Development. Cold Spring Harbor Asia, Alzheimer's Disease: Fundamentals and Treatments, Suzhou, China, Apr 8 - Apr 12, 2024
190. Hu Y, Liu R, Wu C, Lam K, Wan Y-J. Bacterial Metabolite Mimicries to Treat Digestive Diseases The 6th Annual UC Drug Discovery Consortium Symposium and Networking Event, the UCLA California NanoSystems Institute, September 16, 2024.
191. Hu Y, Setayesh T, Vaziri F, Wan Y. Short-term Dietary Intervention Impacts Anti-PD-1 Treatment Outcome of HCC, the University of California Davis Comprehensive Cancer Center Annual Symposium, October 2024.
192. Hu Y, Setayesh T, Ji Y, Wan Y. miR-22 Regulates Tumor Immunity During HCC Development. AASLD annual meeting, The 75th Liver Meeting, San Diego, Nov 15-19, 2024.
193. Hu Y, Setayesh T, Testerman T, Wan Y. The Significance of Galectin 1 in Contributing to the Anti-HCC Effects of miR-22. AASLD annual meeting, The 75th Liver Meeting, San Diego, Nov 15-19, 2024.
194. Hu Y, Setayesh T, Wan Y. Western diet through Galectin-1-dependent manners affecting MASH-HCC development. AASLD annual meeting, The 75th Liver Meeting, San Diego, Nov 15-19, 2024.