

CURRICULUM VITAE

Chi-Chang Huang, Ph. D.

Dean

Office of Research and Development

Distinguished Professor

Graduate Institute of Sports Science

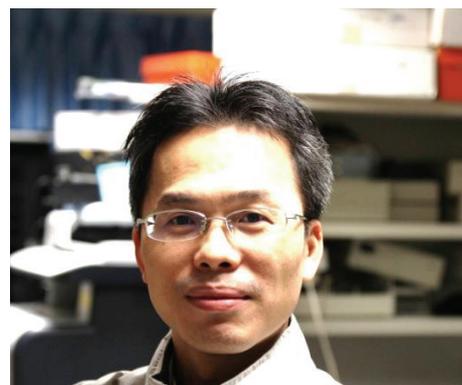
National Taiwan Sport University

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Dr. Huang received his undergraduate degree in applied life science from Fu-Jen University (09/1995~06/1999). He earned his master degree in nutrition (09/1999~06/2001) and doctoral degree in pharmacy (09/2001~06/2005) from Taipei Medical University. He started his four-year postdoctoral training (military service) for natural product research in Agricultural Biotechnology Research Center at Academia Sinica under the supervision of Dr. Lie-Fen Shyur, and a half-year training at TMU under Professor Suh-Ching Yang. Dr. Huang joined the National Taiwan Sport University faculty in August 2010. He received many awards and honors including academic research award, industry-cooperation award, good tutor award, appointed to the academy of teaching excellence award, special talent award, excellent award, silver medal award, and good award from his school and outside institutions since 2011. He published over 120 peer-reviewed articles of scholarly and scientific journals (sum of times cited: 2076; *h*-index: 26; source: Web of Science, Clarivate Analytics). He has been a full professor and director of Graduate Institute of Sport Science at National Taiwan Sport University from August 1st 2016 to July 31st 2018. Currently, he is the Dean of Office of Research and Development at NTSU since August 1st 2018. Moreover, in 2020, he received the Distinguished Professor Award (08/2020~07/2023) from National Taiwan Sport University.

■ EDUCATION

Ph. D. School of Pharmacy, Taipei Medical University (09/2001~ 06/2005)

Dissertation Title: Effects of Chronic Alcoholic Toxicity on Antioxidative Status and Hepatic Morphologic Changes by Lieber-DeCarli Animal Model

Advisor: Professor Suh-Ching Yang

M.Sc. Graduate Institute of Nutrition & Health Science, Taipei Medical University (09/1999~ 06/2001)

Thesis Title: Effect of β -Carotene on Alcoholic Liver Disease in Rats

Advisor: Professors Ming-Jer Shieh and Suh-Ching Yang

B.Sc. Applied Life Science, Fu-Jen University (09/1995~06/1999)

■ ACADEMIC EXPERIENCE

08/2016- **Professor & Director**

07/2018 Graduate Institute of Sports Science, National Taiwan Sport University

08/2013- 07/2016	Associate Professor Graduate Institute of Sports Science, National Taiwan Sport University
08/2010- 07/2013	Assistant Professor Graduate Institute of Sports Science, National Taiwan Sport University
08/2010- 07/2013	Adjunct Assistant Professor School of Nutrition and Health Sciences, Taipei Medical University
02/2010- 07/2010	Post-Doctoral Research Fellow School of Nutrition and Health Sciences, Taipei Medical University PI: Suh-Ching Yang, Professor
09/2006- 01/2010	Post-Doctoral Research Fellow Agricultural Biotechnology Research Center, Academia Sinica PI: Lie-Fen Shyur, Research Fellow
01/2006- 08/2006	Post-Doctoral Research Fellow Institute of BioAgricultural Sciences, Preparatory Office, Academia Sinica PI: Lie-Fen Shyur, Research Fellow
07/2005- 09/2005	Post-Doctoral Research Fellow Institute of BioAgricultural Sciences, Preparatory Office, Academia Sinica PI: Lie-Fen Shyur, Research Fellow

■ ADMINISTRATIVE SERVICES

08/2018- to date	Dean of Research and Development, National Taiwan Sport University
08/2016- 07/2018	Director of Graduate Institute of Sports Science, National Taiwan Sport University
02/2015- 07/2018	Director of Industry-Academic Collaboration & Innovation Incubator Center, Office of Research & Development, National Taiwan Sport University
08/2013- to date	Executive Editor, Sports Coaching Science, Taiwan Sports Coach Association
08/2012- 07/2013	Director of Industry-Academic Collaboration & Innovation Incubator Center, Office of Research & Development, National Taiwan Sport University
08/2010- 07/2012	Chief of Admission Section, Office of Academic Affairs, National Taiwan Sport University

■ Honor and Awards

08/2013-07/2022	Special Talent Award , Ministry of Science and Technology, R.O.C.
08/2020-07/2023	Distinguished Professor Award , National Taiwan Sport University
2013-2021	Industry Cooperation Award , National Taiwan Sport University, R.O.C.
2011-2021	Academic Research Award , National Taiwan Sport University, R.O.C.
10/2021	Good Award , Research and Development Award in Sports Science, Sports Administration, Ministry of Education, R.O.C.
09/2020	Excellent Award , Research and Development Award in Sports Science, Sports Administration, Ministry of Education, R.O.C.
12/2019	Grade A Award , Research and Development Award in Sports Science, Sports Administration, Ministry of Education, R.O.C.
12/2017	Grade A Award , Research and Development Award in Sports Science, Sports Administration, Ministry of Education, R.O.C.

12/2016	Excellent Award , Research and Development Award in Sports Science, Sports Administration, Ministry of Education, R.O.C.
12/2014	Good Award , Research and Development Award in Sports Science, Sports Administration, Ministry of Education, R.O.C.
11/2014	Silver Medal Award , National Invention and Creation Award, Intellectual Property Office, Ministry of Economic Affairs, R.O.C.
12/2013	Excellent Award , Research and Development Award in Sports Science, Sports Administration, Ministry of Education, R.O.C.
2015/09	Appointed to the Academy of Teaching Excellence Award , National Taiwan Sport University, R.O.C.
2015/02	Good Tutor Award , National Taiwan Sport University, R.O.C.

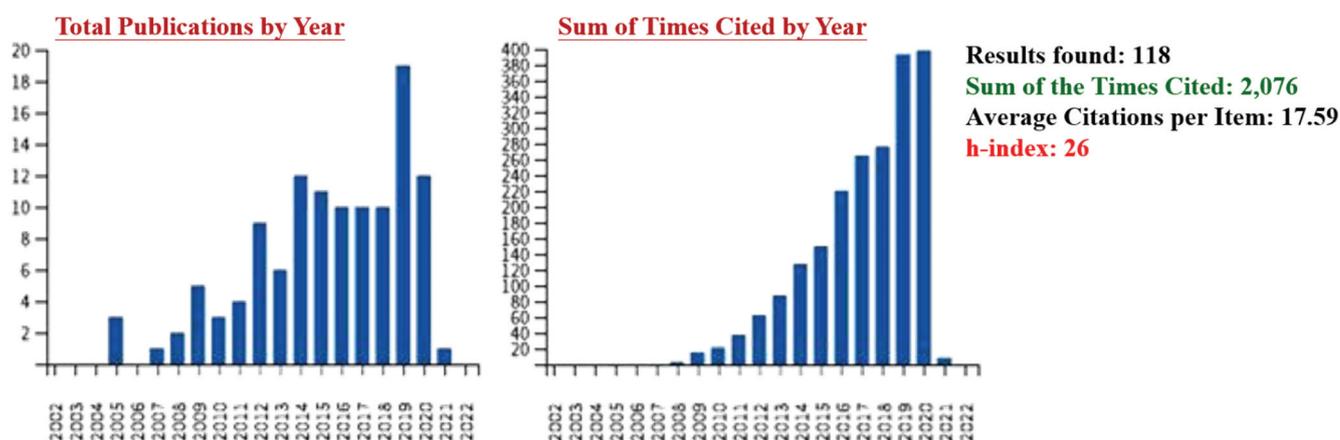
■ Peer Reviewer (Since year 2010)

Journal of Medicinal Food; Journal of Metabolomics and Systems Biology; Journal of the Science of Food and Agriculture; International SportMed Journal; The FASEB Journal; Journal of Nutritional Biochemistry; International Journal of Molecular Sciences; BMC Complementary and Alternative Medicine; Chemistry Central Journal; Oxidative Medicine and Cellular Longevity; Translational Medicine: Current Research; Journal of Traditional and Complementary Medicine; Molecules; Analytical and Bioanalytical Chemistry; Journal of Pharmaceutical and Biomedical Analysis; Journal of Experimental and Integrative Medicine; Inflammation; Current Pharmaceutical Biotechnology; International Journal of Biochemistry Research & Review; Holzforschung; The Journal of Physiological Sciences; Nutrients; Plos One; Phytomedicine; Journal of Food Science.

I. PUBLICATIONS

(A) Papers Published in Refereed Journals (JCR Science Edition 2020)

Citation Report Author=("Huang chi-chang") Timespan=All Years. WEB OF KNOWLEDGESM | DISCOVERY STARTS HERE THOMSON REUTERS



[Number of articles listed in Q1 (60), Q2 (58), Q3 (12) and Q4 (7). Rank by "Journal Impact Factor"]

1. **Huang CC**, Lee MC, Ho CS, Hsu YJ, Ho CC, Kan NW* (2021) Protective and Recovery Effects of Resveratrol Supplementation on Exercise Performance and Muscle Damage Following Acute Plyometric Exercise. *Nutrients* 13(9), 3217. (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in *NUTRITION & DIETETICS*) [Authorships: Lab members are accounting for 4/4] [MOST 108-2410-H-038-016-MY2]
2. Lee CC, Liao CC, Lee MC, Lin KJ, Hsu HY, Lin KJ, Chiou SY, Young SL, Lin JS, **Huang CC***, Watanabe K* (2021) *Lactobacillus plantarum* TWK10 attenuates aging-associated muscle weakness,

- bone loss, and cognitive impairment by modulating the gut microbiome in mice. *Frontiers in Nutrition* doi: 10.3389/fnut.2021.708096. (Correspondence) (SCI) (IF=6.576; Ranking=12/88 (13.6%, Q1) in *NUTRITION & DIETETICS*)
3. Lee MC, Hsu YJ, Ho HH, Kuo YW, Lin WY, Tsai SY, Chen WL, Lin CL*, **Huang CC*** (2021) Effectiveness of human-origin *Lactobacillus plantarum* PL-02 in improving muscle mass, exercise performance and anti-fatigue. *Scientific Reports* 11: 19469. (SCI) (IF=4.379; Ranking=17/73 (23.3%, Q1) in *MULTIDISCIPLINARY SCIENCES*)
 4. Lee MC, Tu YT, Lee CC, Tsai SC, Hsu HY, Tsai TY, Liu TH, Young SL, Lin JS*, **Huang CC*** (2021) *Lactobacillus plantarum* TWK10 Improves Muscle Mass and Functional Performance in Frail Older Adults: A Randomized, Double-Blind Clinical Trial. *Microorganisms* 9(7): 1466. (Correspondence) (SCI) (IF=4.128; Ranking=52/137 (38.0%, Q2) in *MICROBIOLOGY*)
 5. Hsu YJ, Wu MF, Lee MC, **Huang CC*** (2021) Exercise training combined with *Bifidobacterium longum* OLP-01 treatment regulates insulin resistance and physical performance in *db/db* mice. *Food & Function* 12: 7728-7740. (Correspondence) (SCI) (IF=5.396; Ranking=22/144 (15.3%, Q1) in *FOOD SCIENCE & TECHNOLOGY*)
 6. Lee MC, Hsu YJ, Ho CS, Chang CH, Liu CW, **Huang CC***, Chiang WD* (2021) Evaluation of the Efficacy of Supplementation with Planox® Lemon Verbena Extract in Improving Oxidative Stress and Muscle Damage: A Randomized Double-Blind Controlled Trial. *International Journal of Medical Sciences* 18(12): 2641-2652. (Correspondence) (SCI) (IF=3.738; Ranking=44/169 (26.0%, Q2) in *MEDICINE, GENERAL & INTERNAL*)
 7. Lee MC, Jhang WL, Lee CC, Kan NW, Hsu YJ, Ho CS, Chang CH, Cheng YC, Lin JS, **Huang CC*** (2021) The Effect of Kefir Supplementation on Improving Human Endurance Exercise Performance and Antifatigue. *Metabolites* 11(3): 136. (Correspondence) (SCI) (IF=4.932; Ranking=94/298 (31.5%, Q2) in *BIOCHEMISTRY & MOLECULAR BIOLOGY*)
 8. Hsu YJ, Jhang WL, Lee MC, Bat-Otgon B, Narantungalag E, **Huang CC*** (2021) Lactose-riched Mongolian mare's milk improves physical fatigue and exercise performance in mice. *International Journal of Medical Sciences* 18(2): 564-574. (Correspondence) (SCI) (IF=3.738; Ranking=44/169 (26.0%, Q2) in *MEDICINE, GENERAL & INTERNAL*)
 9. Hsu YJ, Lee MC, **Huang CC***, Ho CS* (2021) The effects of different types of aquatic exercise training interventions on a high-fructose diet-fed mice. *International Journal of Medical Sciences* 18(3): 695-705. (Correspondence) (SCI) (IF=3.738; Ranking=44/169 (26.0%, Q2) in *MEDICINE, GENERAL & INTERNAL*)
 10. Chang CH, Hsu YJ, Li F, Chan YS, Lo CP, Peng GJ, Ho CS*, **Huang CC*** (2021) The feasibility of emergency medical technicians performing intermittent high-quality cardiopulmonary resuscitation. *International Journal of Medical Sciences* 18(12): 2615-2623. (Correspondence) (SCI) (IF=3.738; Ranking=44/169 (26.0%, Q2) in *MEDICINE, GENERAL & INTERNAL*)
 11. Wu WK, Chen YH, Lee PC, Yang PJ, Chang CC, Liu KL, Hsu CC, **Huang CC**, Chuang HL, Sheen LY, Liu CJ, Wu MS* (2021) Mining Gut Microbiota From Bariatric Surgery for MAFLD. *Frontiers in Endocrinology* 12: 612946. (SCI) (IF=5.555; Ranking=32/145 (22.1%, Q1) in *ENDOCRINOLOGY & METABOLISM*)
 12. Ho CS, Hsu YJ, Li F, Tang CC, Yang CP, **Huang CC**, Ho CS*, Chang CH* (2021) Effect of Ambulance Stretcher Bed Height Adjustment on CPR Quality and Rescuer Fatigue in a Laboratory Environment. *International Journal of Medical Sciences* 18(13): 2783-2788. (SCI) (IF=3.738; Ranking=44/169 (26.0%, Q2) in *MEDICINE, GENERAL & INTERNAL*)

13. Wang JY, Liaw CK, **Huang CC**, Liou TH, Lin HW, Huang SW (2021) Hyperlipidemia Is a Risk Factor of Adhesive Capsulitis: Real-World Evidence Using the Taiwanese National Health Insurance Research Database. *Orthopaedic Journal of Sports Medicine* 9(4): 2325967120986808. (SCI) (IF=2.727; Ranking=34/82 (41.5%, Q2) in *ORTHOPEDECS*)
14. Chung YC, Huang CY, Wu HJ, Kan NW, Ho CS, **Huang CC**, Chen HT (2021) Predicting maximal oxygen uptake from a 3-minute progressive knee-ups and step test. *PeerJ* 9: e10831. (SCI) (IF=2.984; Ranking=27/73 (37.0%, Q2) in *MULTIDISCIPLINARY SCIENCES*) [Authorships: Lab members are accounting for 1/7]
15. Hsu YJ, Wang CY, Lee MC, **Huang CC*** (2020) Hepatoprotection by Traditional Essence of Ginseng against Carbon Tetrachloride-Induced Liver Damage. *Nutrients* 12(10), 3214. (Correspondence) (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in *NUTRITION & DIETETICS*) [Authorships: Lab members are accounting for 4/4]
16. Lin CL, Hsu YJ, Ho HH, Chang YC, Kuo YW, Yeh Y, Tsai SY, Chen CW, Chen JF, **Huang CC***, Lee MC* (2020) *Bifidobacterium longum subsp. longum* OLP-01 Supplementation during Endurance Running Training Improves Exercise Performance in Middle- and Long-Distance Runners: A Double-Blind Controlled Trial. *Nutrients* 12(7), 1972. (Correspondence) (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in *NUTRITION & DIETETICS*) [Authorships: Lab members are accounting for 5/11]
17. Lee MC, Hsu YJ, Chuang HL, Ho HH, Hsieh SH, Kuo YW, Sung HC*, **Huang CC*** (2020) *Lactobacillus salivarius* Subspecies salicinius SA-03 is a New Probiotic Capable of Enhancing Exercise Performance and Decreasing Fatigue. *Microorganisms* 8(4), 545. (Correspondence) (SCI) (IF=4.128; Ranking=52/137 (38.0%, Q2) in *MICROBIOLOGY*)
18. Chang CH, Hsu YJ, Li F, Tu YT, Jhang WL, Hsu CW, **Huang CC***, Ho CS* (2020) Reliability and validity of the physical activity monitor for assessing energy expenditures in sedentary, regularly exercising, non-endurance athlete, and endurance athlete adults. *PeerJ* 8: e9717. (Correspondence) (SCI) (IF=2.984; Ranking=27/73 (37.0%, Q2) in *MULTIDISCIPLINARY SCIENCES*) [Authorships: Lab members are accounting for 3/8]
19. Huang WC, Hsu YJ, **Huang CC**, Liu HC, Lee MC* (2020) Exercise Training Combined with *Bifidobacterium longum* OLP-01 Supplementation Improves Exercise Physiological Adaption and Performance. *Nutrients* 12(4): 1145. (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in *NUTRITION & DIETETICS*) [MOST-108-2410-H-227-007 to Wen-Ching Huang] [Authorships: Lab members are accounting for 5/5]
20. Hsu YJ, Ho CS, Lee MC, Ho CS, **Huang CC**, Kan NW*. (2020) Protective Effects of Resveratrol Supplementation on Contusion Induced Muscle Injury. *International Journal of Medical Sciences* 17(1), 53-62. (SCI) (IF=3.738; Ranking=44/169 (26.0%, Q2) in *MEDICINE, GENERAL & INTERNAL*)
21. Chen YH, Wang YC, Chiu CC, Lee YP, Hung SW, **Huang CC**, Chiu CF, Chen TH, Huang WC, Chuang HL* (2020) Housing condition-associated changes in gut microbiota further affect the host response to diet-induced nonalcoholic fatty liver. *Journal of Nutritional Biochemistry* 79: 108362. (SCI) (IF=6.048; Ranking=16/89 (18.0%, Q1) in *NUTRITION & DIETETICS*)
22. Chen YM, Liao CC, Huang YC, Chen MY, **Huang CC**, Chen WC, Chiu YS* (2020) Proteome and microbiota analysis highlight *Lactobacillus plantarum* TWK10 supplementation improves energy metabolism and exercise performance in mice. *Food Science & Nutrition* 8(7): 3525-3534. (SCI)

- (IF=2.863; Ranking=68/144 (47.2%, Q2) in *FOOD SCIENCE & TECHNOLOGY*) [MOST-102-2628-B179-001-MY3 and MOST-106-2410-H-227-007 to Chi-Chang Huang] [Authorships: Lab members are accounting for 3/7]
23. Chen YM, Li H, Chiu YS, **Huang CC**, Chen WC* (2020) Supplementation of L-Arginine, L-Glutamine, Vitamin C, Vitamin E, Folic Acid, and Green Tea Extract Enhances Serum Nitric Oxide Content and Antifatigue Activity in Mice. *Evidence-Based Complementary and Alternative Medicine* 2020: 8312647. (SCI) (IF=2.629; Ranking=12/29 (41.4%, Q2) in *INTEGRATIVE & COMPLEMENTARY MEDICINE*) [Authorships: Lab members are accounting for 4/5]
 24. Ho CS*, Chang CH, Hsu YJ, Tu YT, Li F, Jhang WL, Hsu CW, **Huang CC** (2020) Feasibility of the Energy Expenditure Prediction for Athletes and Non-Athletes from Ankle-Mounted Accelerometer and Heart Rate Monitor. *Scientific Reports* 10(1): 8816. (SCI) (IF=4.379; Ranking=17/73 (23.3%, Q1) in *MULTIDISCIPLINARY SCIENCES*) [MOST-107-2410-H-179-007 to Chin-Shan Ho]
 25. Huang SW, Wang JY, Lin CL, **Huang CC**, Liou TH, Lin HW* (2020) Patients with Axial Spondyloarthritis Are at Risk of Developing Adhesive Capsulitis: Real-World Evidence Database Study in Taiwan. *Journal of Clinical Medicine* 9(3): 787. (SCI) (IF=4.241; Ranking=39/169 (23.1%, Q1) in *MEDICINE, GENERAL & INTERNAL*) [Authorships: Lab members are accounting for 3/6]
 26. Tsai SW, **Huang CC**, Hsu YJ, Chen CJ, Lee PY, Huang HY, Lee MC, Chiu YS, Tung YT (2020) Accelerated Muscle Recovery After In Vivo Curcumin Supplementation. *Natural Product Communications* 15(1): 1-9. (SCI) (IF=0.986; ; Ranking=126/144 (87.5%, Q4) in *FOOD SCIENCE & TECHNOLOGY*)
 27. Huang WC, Lee MC, Lee CC, Ng KS, Hsu YJ, Tsai TY, Young SL, Lin JS*, **Huang CC*** (2019) Effect of *Lactobacillus plantarum* TWK10 on Exercise Physiological Adaptation, Performance, and Body Composition in Healthy Humans. *Nutrients* 11(11), 2836. (Correspondence) (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in *NUTRITION & DIETETICS*) [行政院教育部體育署-109年度運動科學研究及發展獎勵-優等獎] [Authorships: Lab members are accounting for 4/9] [**Excellent Award, Research and Development Award in Sports Science, Sports Administration, Ministry of Education, R.O.C.**]
 28. Wei L, Wen YT, Lee MC, Ho HM, **Huang CC***, Hsu YJ* (2019) Effects of isolated soy protein and strength exercise training on exercise performance and biochemical profile in postpartum mice. *Metabolism-Clinical and Experimental* 94: 18-27. (Correspondence) (SCI) (IF=8.694; Ranking=13/145 (9.0%, Q1) in *ENDOCRINOLOGY & METABOLISM*) [MOST-107-2410-H-179-006-MY3 to Chi-Chang Huang] [Authorships: Lab members are accounting for 4/6]
 29. Huang WC, Wei CC, **Huang CC**, Chen WL, Huang HY* (2019) The Beneficial Effects of *Lactobacillus plantarum* PS128 on High-Intensity, Exercise-Induced Oxidative Stress, Inflammation, and Performance in Triathletes. *Nutrients* 11(2), 353. (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in *NUTRITION & DIETETICS*) [行政院教育部體育署-108年度運動科學研究及發展獎勵-甲等獎] [MOST-105-2410-H-158-008-MY3] [Authorships: Lab members are accounting for 2/5] [**Grade A Award, Research and Development Award in Sports Science, Sports Administration, Ministry of Education, R.O.C.**]
 30. Chang CK, Lin KC, Ho CS*, **Huang CC** (2019) Accuracy of the energy expenditure during uphill exercise measured by the Waist-worn ActiGraph. *Journal of Exercise Science & Fitness* 17(2): 62-66. (SCI) (IF=3.103; Ranking=32/88 (36.4%, Q2) in *SPORT SCIENCES*) [Authorships: Lab members are accounting for 3/4]

31. Huang SW, Lin CL, Lin LF, **Huang CC**, Liou TH, Lin HW* (2019) Autoimmune Connective Tissue Diseases and the Risk of Rotator Cuff Repair Surgery: A Population-Based Retrospective Cohort Study. *BMJ Open* 9(2): e023848. (SCI) (IF=2.692; Ranking=64/169 (37.9%, Q2) in *MEDICINE, GENERAL & INTERNAL*) [Authorships: Lab members are accounting for 2/6]
32. Tai PA, Hsu YJ, Huang WC, Chang CH, Chen YH, **Huang CC***, Wei L* (2019) Congenital exercise ability ameliorates muscle atrophy but not spinal cord recovery in spinal cord injury mouse model. *International Journal of Medical Sciences* 16(12): 1549-1556. (Correspondence) (SCI) (IF=3.738; Ranking=44/169 (26.0%, Q2) in *MEDICINE, GENERAL & INTERNAL*)
33. Ho CS*, Chang CH, Lin KC, **Huang CC**, Hsu YJ (2019) Correction of estimation bias of predictive equations of energy expenditure based on wrist/waist-mounted accelerometers. *PeerJ* 7: e7973. (IF=2.984; Ranking=27/73 (37.0%, Q2) in *MULTIDISCIPLINARY SCIENCES*)
34. Chen HC, **Huang CC**, Lin TJ, Hsu MC*, Hsu YJ* (2019) Ubiquinol Supplementation Alters Exercise Induced Fatigue by Increasing Lipid Utilization in Mice. *Nutrients* 11(11), 2550. (IF=5.717; Ranking=17/89 (19.1%, Q1) in *NUTRITION & DIETETICS*)
35. Tung YT, Hsu YJ, Liao CC, Ho ST, **Huang CC***, Huang WC* (2019) Physiological and Biochemical Effects of Intrinsically High and Low Exercise Capacities Through Multiomics Approaches. *Frontiers in Physiology* 10: 1201. (Correspondence) (SCI) (IF=4.566; Ranking=14/81 (17.3%, Q1) in *PHYSIOLOGY*) [MOST 108-2410-H-227-007]
36. Huang WC, Chen YH, Chuang HL, Chiu CC, **Huang CC*** (2019) Investigation of the Effects of Microbiota on Exercise Physiological Adaption, Performance, and Energy Utilization Using a Gnotobiotic Animal Model. *Frontiers in Microbiology* 10: 1906. (Correspondence) (SCI) (IF=5.640; Ranking=28/137 (20.4%, Q1) in *MICROBIOLOGY*)
37. Yang SC, Huang WC, Ng XE, Lee MC, Hsu YJ, **Huang CC**, Wu HH, Yeh CL, Shirakawa H, Budijanto S, Tung TH, Tung YT* (2019) Rice Bran Reduces Weight Gain and Modulates Lipid Metabolism in Rats with High-Energy-Diet-Induced Obesity. *Nutrients* 11(9), E2033. (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in *NUTRITION & DIETETICS*)
38. Lee MC, Hsu YJ, Chuang HL, Hsieh PS, Ho HH, Chen WL, Chiu YS*, **Huang CC*** (2019) In Vivo Ergogenic Properties of the *Bifidobacterium longum* OLP-01 Isolated from a Weightlifting Gold Medalist. *Nutrients* 11(9), 2003. (Correspondence) (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in *NUTRITION & DIETETICS*)
39. Chen YM, **Huang CC**, Sung HC, Lee MC, Hsiao CY* (2019) Electronic cigarette exposure reduces exercise performance and changes the biochemical profile of female mice. *Bioscience Biotechnology and Biochemistry* 83(12): 2318-2326. (SCI) (IF=2.043; Ranking=40/74 (54%, Q3) in *CHEMISTRY, APPLIED*)
40. Wang IL, Hsiao CY, Shen J, Wang Y, **Huang CC**, Chen YM* (2019) The effects of Jilin sika Deer's (*Cervus dybowskii*) tendon liquid supplementation on endurance drop jumps performance, biochemistry profile of free boxing players. *Journal of Ethnopharmacology* 245: 112119. (SCI) (IF=4.360, Ranking=5/29 (17.2%, Q1) in *INTEGRATIVE & COMPLEMENTARY MEDICINE*) [Authorships: Lab members are accounting for 2/6]
41. Tung YT, Wu MF, Lee MC, Wu JH, **Huang CC***, Huang WC* (2019) Antifatigue Activity and Exercise Performance of Phenolic-Rich Extracts from *Calendula officinalis*, *Ribes nigrum*, and *Vaccinium myrtillus*. *Nutrients* 11(8), 1715. (Correspondence) (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in *NUTRITION & DIETETICS*) [Authorships: Lab members are accounting for 4/6]
42. Wang IL, Hsiao CY, Li YH, Meng FB, **Huang CC***, Chen YM* (2019) Nanobubbles Water Curcumin Extract Reduces Injury Risks on Drop Jumps in Women: A Pilot Study. *Evidence-Based Complementary and Alternative Medicine* 2019:8647587. (Correspondence) (SCI) (IF=2.629; Ranking=12/29 (41.4%, Q2) in *INTEGRATIVE & COMPLEMENTARY MEDICINE*) [Authorships: Lab members are accounting for 2/6]
43. Chen YM, Sung HC, Kuo YH, Hsu YJ, **Huang CC**, Liang HL* (2019) The Effects of Ergosta-7,9(11),22-trien-3 β -ol from *Antrodia camphorata* on the Biochemical Profile and Exercise Performance of Mice. *Molecules* 24(7): pii: E1225. (SCI) (IF=4.411; Ranking=63/179 (35.2%, Q2) in *CHEMISTRY, MULTIDISCIPLINARY*) [Authorships: Lab members are accounting for 3/6]

44. Tung YT, Hsu YJ, Chien YW, **Huang CC**, Huang WC, Chiu WC (2019) Tea Seed Oil Prevents Obesity, Reduces Physical Fatigue, and Improves Exercise Performance in High-Fat-Diet-Induced Obese Ovariectomized Mice. *Molecules* 24(5). pii: E980. (SCI) (IF=4.411; Ranking=63/179 (35.2%, Q2) in *CHEMISTRY, MULTIDISCIPLINARY*) [MOST-106-2320-B-038-033] [Authorships: Lab members are accounting for 4/6]
45. Lin CL, **Huang CC**, Huang SW* (2019) Effects of hypertonic dextrose injection in chronic supraspinatus tendinopathy of the shoulder: a randomized placebo-controlled trial. *European Journal of Physical and Rehabilitation Medicine* 2019 Aug;55(4):480-487. (SCI) (IF=2.874; Ranking=20/68 (29.4%, Q2) in *REHABILITATION*) [MOST-105-2314-B-038-040] [Authorships: Lab members are accounting for 3/3]
46. Chen YM, **Huang CC**, Hsiao CY, Hu S, Wang IL, Sung HC (2019) *Ludwigia octovalvis* (Jacq.) raven extract supplementation enhances muscle glycogen content and endurance exercise performance in mice. *Journal of Veterinary Medical Science* 81(5): 667-674. (SCI) (IF=1.267; Ranking=88/146 (60.3%, Q3) in *VETERINARY SCIENCES*)
47. Li H, Chen YJ, Hsu YJ, Wu MF, Chiu CC, Tung YT, Tsai WJ, Huang WC*, **Huang CC*** (2018) Effects of *Ganoderma lucidum* and ‘Essence of Chicken’ on Physical Fatigue Recovery and Exercise Performance Improvement. *Chinese Journal of Physiology* 61(6): 372-383. (Correspondence) (SCI) (IF=1.764; Ranking=70/81 (86.4%, Q4) in *PHYSIOLOGY*) [Authorships: Lab members are accounting for 5/9]
48. Huang SW, Hsu YJ, Lee MC, Li HS, Yeo PCW, Lim AL*, **Huang CC*** (2018) *In Vitro* and *In Vivo* Functional Characterization of Essence of Chicken as An Ergogenic Aid. *Nutrients* 10(12). pii: E1943. (Correspondence) (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in *NUTRITION & DIETETICS*) [Authorships: Lab members are accounting for 5/7]
49. Lin CL, Lee MC, Hsu YJ, Huang WC, **Huang CC***, Huang SW* (2018) Isolated Soy Protein Supplementation and Exercise Improve Fatigue-Related Biomarker Levels and Bone Strength in Ovariectomized Mice. *Nutrients* 10(11): pii: E1792. (Correspondence) (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in *NUTRITION & DIETETICS*) [MOST-107-2410-H-038-010] [Authorships: Lab members are accounting for 6/6]
50. Kan NW, Lee MC, Tung YT, Chiu CC, **Huang CC***, Huang WC* (2018) The Synergistic Effects of Resveratrol combined with Resistant Training on Exercise Performance and Physiological Adaption. *Nutrients* 10(10): pii: E1360. (Correspondence) (SCI) [MOST-107-2410-H-227-007] (IF=5.717; Ranking=17/89 (19.1%, Q1) in *NUTRITION & DIETETICS*) [Authorships: Lab members are accounting for 5/6]
51. Hsu YJ, Huang WC, Lin JS, Chen YM, Ho ST, **Huang CC***, Tung YT* (2018) Kefir Supplementation Modifies Gut Microbiota Composition, Reduces Physical Fatigue, and Improves Exercise Performance in Mice. *Nutrients* 10(7): pii: E862. (Correspondence) (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in *NUTRITION & DIETETICS*; Times cited: 5) [MOST-106-2622-H-179-001-CC2 to Chi-Chang Huang] [Authorships: Lab members are accounting for 4/7]
52. Huang WC, Huang HY, Hsu YJ, Su WH, Shen SY, Lee MC*, Lin CL*, **Huang CC*** (2018) The Effects of Thiamine Tetrahydrofurfuryl Disulfide on Physiological Adaption and Exercise Performance Improvement. *Nutrients* 10(7): pii: E851. (Correspondence) (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in *NUTRITION & DIETETICS*; Times cited: 1) [Authorships: Lab members are accounting for 5/8]
53. Tsai SW, Hsu YJ, Lee MC, Huang HE, **Huang CC***, Tung YT* (2018) Effects of dextrose

- prolotherapy on contusion-induced muscle injuries in mice. *International Journal of Medical Sciences* 15(11): 1251-1259. (Correspondence) (SCI) (IF=3.738; Ranking=44/169 (26.0%, Q2) in *MEDICINE, GENERAL & INTERNAL*) [MOST 105-2314-B-303-004 to Sen-Wei Tsai and MOST 106-2313-B-038-003-MY2 to Yu-Tang Tung] [Authorships: Lab members are accounting for 3/10]
54. Huang WC, Hsu YJ, Li HS, Kan NW, Chen YM, Lin JS, Hsu TK, Tsai TY*, Chiu YS*, **Huang CC*** (2018) Effect of *Lactobacillus plantarum* TWK10 on improving endurance performance in humans. *Chinese Journal of Physiology* 61(3): 163-170. (Correspondence) (SCI) (IF=1.764; Ranking=70/81 (86.4%, Q4) in *PHYSIOLOGY*; Times cited: 2) [MOST-102-2628-B-179-001-MY3 to Chi-Chang Huang] [Authorships: Lab members are accounting for 6/10]
55. Chen YM, Lee HC, Chen MT, **Huang CC***, Chen WC* (2018) Dehydroepiandrosterone supplementation combined with Weight-Loading Whole-Body Vibration Training (WWBV) affects exercise performance and muscle glycogen storage in middle-aged C57BL/6 mice. *International Journal of Medical Sciences* 15(6): 564-573. (Correspondence) (SCI) (IF=3.738; Ranking=44/169 (26.0%, Q2) in *MEDICINE, GENERAL & INTERNAL*) [MOST-105-2410-H-255-001 to Wen-Chyuan Chen]
56. Hsiao CY, Hsu YJ, Tung YT, Lee MC, **Huang CC***, Hsieh CC* (2018) Effects of *Antrodia camphorata* and *Panax ginseng* Supplementation on Anti-fatigue Properties in Mice. *Journal of Veterinary Medical Science* 80(2): 284-291. (Correspondence) (SCI) (IF=1.267; Ranking=88/146 (60.3%, Q3) in *VETERINARY SCIENCES*; Times cited: 2) [NSC97-2410-H134-023 to City C. Hsieh] [Authorships: Lab members are accounting for 4/6]
57. Ma GD, Chiu CH, Hsu YJ, Hou CW, Chen YM*, **Huang CC*** (2017) Changbai Mountain Ginseng (*Panax ginseng* C.A. Mey) Extract Supplementation Improves Exercise Performance and Energy Utilization and Decreases Fatigue-Associated Parameters in Mice. *Molecules* 22(2): pii: E237. (Correspondence) (SCI) (IF=4.411; Ranking=63/179 (35.2%, Q2) in *CHEMISTRY, MULTIDISCIPLINARY*; Times cited: 10) [Authorships: Lab members are accounting for 4/6]
58. Tung YT, Chen YJ, Chuang HL, Huang WC, Lo CT, Liao CC*, **Huang CC*** (2017) Characterization of the serum and liver proteomes in gut-microbiota-lacking mice. *International Journal of Medical Sciences* 14(3): 257-267. (Correspondence) (SCI) (IF=3.738; Ranking=44/169 (26.0%, Q2) in *MEDICINE, GENERAL & INTERNAL*; Times cited: 3) [MOST-102-2628-B-179-001-MY3 and MOST-104-2628-H-179-MY3 to Chi-Chang Huang] [Authorships: Lab members are accounting for 3/7]
59. Lin CH, Liao CC, Huang CH, Tung YT, Chang HC, Hsu MC*, **Huang CC*** (2017) Proteomics Analysis to Identify and Characterize the Biomarkers and Physical Activities of Non-Frail and Frail Older Adults. *International Journal of Medical Sciences* 14(3): 231-239. (Correspondence) (SCI) (IF=3.738; Ranking=44/169 (26.0%, Q2) in *MEDICINE, GENERAL & INTERNAL*; Times cited: 6) [NSC-100-2410-H179-012 to Chi-Chang Huang and MOST-104-2410-H-037-004-MY2 to Mei-Chich Hsu] [Authorships: Lab members are accounting for 3/7]
60. Ho CS, Tung YT, Kung WM, Huang WC, Leung WK, **Huang CC***, Wu JH* (2017) Effect of *Coriolus versicolor* Mycelia Extract on Exercise Performance and Physical Fatigue in Mice. *International Journal of Medical Sciences* 14(11): 1110-1117. (Correspondence) (SCI) (IF=3.738; Ranking=44/169 (26.0%, Q2) in *MEDICINE, GENERAL & INTERNAL*; Times cited: 3) [MOST-104-2811-B-179-001 to Chi-Chang Huang and Lo-Hsu Foundation to Chun-Sheng Ho] [Authorships: Lab members are accounting for 5/7]

61. Chen WC, Hsu YJ, Lee MC, Li HS, Ho CS, **Huang CC***, Chen FA* (2017) Effect of burdock extract on physical performance and physiological fatigue in mice. *Journal of Veterinary Medical Science* 79(10): 1698-1706. **(Correspondence) (SCI) (IF=1.267; Ranking=88/146 (60.3%, Q3) in VETERINARY SCIENCES;** Times cited: 1) [MOST-103-2622-H-127-001-CC3 to Fu-An Chen] [Authorships: Lab members are accounting for 5/7]
62. Huang WC, Chang WC, Hsu YJ, Huang CF, **Huang CC***, Kao CY*, Lin CL* (2017) The Modulative Effects of Microcurrent Electrical Nerve Stimulation on Diabetic Mice. *Chinese Journal of Physiology* 60(1): 62-72. **(Correspondence) (SCI) (IF=1.764; Ranking=70/81 (86.4%, Q4) in PHYSIOLOGY)** [Authorships: Lab members are accounting for 4/7]
63. Wu PY, **Huang CC**, Chu Y, Huang YH, Lin P, Liu YH, Wen KC, Lin CY, Hsu MC, Chiang HM* (2017) Alleviation of Ultraviolet B-Induced Photodamage by *Coffea arabica* Extract in Human Skin Fibroblasts and Hairless Mouse Skin. *International Journal of Molecular Sciences* 18(4): pii: E782 **(Co-first author) (SCI) (IF=5.923; Ranking=67/298 (22.5%, Q1) in BIOCHEMISTRY & MOLECULAR BIOLOGY;** Times cited: 8) [Authorships: Lab members are accounting for 1/10]
64. Huang WC, **Huang CC**, Chuang HL, Chen WC*, Hsu MC* (2017) *Cornu Cervi Pantotrichum* Supplementation improves Physiological Adaptions on an Intensive Endurance Training. *Journal of Veterinary Medical Science* 79(3): 674-682. **(SCI) (IF=1.267; Ranking=88/146 (60.3%, Q3) in VETERINARY SCIENCES;** Times cited: 2) [NSC-101-2410-H-037-016-MY3 to Mei-Chich Hsu] [Authorships: Lab members are accounting for 2/5]
65. Hsiao CY, Chen YM, Hsu YJ, **Huang CC**, Sung HC*, Chen SS* (2017) Supplementation with Hualian No. 4 Wild Bitter Gourd (*Momordica charantia* Linn. var. abbreviata Ser.) Extract Increases Anti-Fatigue Activities and Enhances Exercise Performance in Mice. *Journal of Veterinary Medical Science* 79(6): 1110-1119. **(SCI) (IF=1.267; Ranking=88/146 (60.3%, Q3) in VETERINARY SCIENCES;** Times cited: 3) [Authorships: Lab members are accounting for 3/6]
66. Huang WC, Chang YC, Chen YM, Hsu YJ, **Huang CC**, Kan NW*, Chen SS* (2017) Whey Protein Improves Marathon-Induced Injury and Exercise Performance in Elite Track Runners. *International Journal of Medical Sciences* 14(7): 648-654 **(SCI) (IF=3.738; Ranking=44/169 (26.0%, Q2) in MEDICINE, GENERAL & INTERNAL;** Times cited: 6) [MOST-102-2628-B-179-001-MY3 to Chi-Chang Huang] [Authorships: Lab members are accounting for 4/7]
67. Huang WC, Hsu YJ, Wei L, Chen YJ*, **Huang CC*** (2016) Association of physical performance and biochemical profile of mice with intrinsic endurance swimming. *International Journal of Medical Sciences* 13(12): 892-901. **(Correspondence) (SCI) (IF=3.738; Ranking=44/169 (26.0%, Q2) in MEDICINE, GENERAL & INTERNAL;** Times cited: 2) [MOST-104-2628-H-179-001-MY3 to Chi-Chang Huang] [Authorships: Lab members are accounting for 3/5]
68. Hsu YJ, Huang WC, Chiu CC, Liu YL, Chiu WC, Chiu CH, Chiu YS*, **Huang CC*** (2016) Capsaicin Supplementation Improves Physical Fatigue and Exercise Performance in Mice. *Nutrients* 8(10): pii: E648. **(Correspondence) (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in NUTRITION & DIETETICS)** [Authorships: Lab members are accounting for 6/8]
69. Kan NW, Ho CS, Chiu YS, Huang WC, Chen PY, Tung YT*, **Huang CC*** (2016) Effects of Resveratrol Supplementation and Exercise Training on the Exercise Performance in Middle-aged Mice. *Molecules* 21(5): pii: E661 **(Correspondence) (SCI) (IF=4.411; Ranking=63/179 (35.2%, Q2) in CHEMISTRY, MULTIDISCIPLINARY;** Times cited: 18) [NSC-102-2628-H179-001-MY2 to Chi-Chang Huang] [Authorships: Lab members are accounting for 5/7]

70. Chen YM, Wei L, Chiu YS, Hsu YJ, Tsai TY*, Wang MF*, **Huang CC*** (2016) *Lactobacillus Plantarum* TWK10 Supplementation Improves Exercise Performance and Increases Muscle Mass in Mice. *Nutrients* 8(4): pii: E205. **(Correspondence) (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in NUTRITION & DIETETICS;** Times cited: 33) [MOST-102-2628-B-179-001-MY3 to Chi-Chang Huang] [Authorships: Lab members are accounting for 4/7]
71. Chen YM, Lin CL, Wei L, Hsu YJ, Chen KN, **Huang CC***, Kao CH* (2016) Sake Protein Supplementation Affects Exercise Performance and Biochemical Profiles in Power-Exercise-Trained Mice. *Nutrients* 8(2): pii: E106. **(Correspondence) (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in NUTRITION & DIETETICS;** Times cited: 10) [行政院教育部體育署-105年度運動科學研究及發展獎勵-優等獎] [Authorships: Lab members are accounting for 4/7] [**Excellent Award, Research and Development Award in Sports Science, Sports Administration, Ministry of Education, R.O.C.**]
72. **Huang CC**, Wang T, Tung YT, Lin WT* (2016) Effect of Exercise Training on Skeletal Muscle SIRT1 and PGC-1 α Expression Levels in Rats of Different Age. *International Journal of Medical Sciences* 13(4): 260-270. **(SCI) (IF=3.738; Ranking=44/169 (26.0%, Q2) in MEDICINE, GENERAL & INTERNAL;** Times cited: 27) [NSC-99-2410-H029-059-MY2 and MOST-103-2410-H-029-037 to Wan-Teng Lin] [Authorships: Lab members are accounting for 2/4]
73. **Huang CC**, Tung YT, Huang WC, Chen YM, Hsu YJ, Hsu MC* (2016) Beneficial effects of Cocoa, coffee, green tea, and garcinia complex supplement on diet induced obesity in rats. *BMC Complementary and Alternative Medicine* 16: 100. **(SCI) (IF=3.659; Ranking=6/29 (20.7%, Q1) in INTEGRATIVE & COMPLEMENTARY MEDICINE;** Times cited: 13) [University-Industry Cooperation Fund no. S102019 to Mei-Chich Hsu] [Authorships: Lab members are accounting for 5/6]
74. Huang WC, Lin CL, Hsu YJ, Chiu YS, Chen YM, Wu MF, **Huang CC**, Wang MF* (2016) Inulin and Fibersol-2 Combined Have Hypolipidemic Effects on High Cholesterol Diet-Induced Hyperlipidemia in Hamsters. *Molecules* 21(3): pii: E313. **(Co-first author) (SCI) (IF=4.411; Ranking=63/179 (35.2%, Q2) in CHEMISTRY, MULTIDISCIPLINARY;** Times cited: 11) [University-Industry Cooperation Fund No.1041008 to Chi-Chang Huang] [Authorships: Lab members are accounting for 5/8]
75. Chang CW, Chen YM, Hsu YJ, **Huang CC**, Wu YT*, Hsu MC* (2016). Protective effects of the roots of *Angelica sinensis* on strenuous exercise-induced sports anemia in rats. *Journal of Ethnopharmacology* 193: 169-178. **(SCI) (IF=4.360, Ranking=5/29 (17.2%, Q1) in INTEGRATIVE & COMPLEMENTARY MEDICINE;** Times cited: 8) [MOST-104-2410-H-037-004-MY2 to Mei-Chich Hsu] [Authorships: Lab members are accounting for 3/6]
76. Chen WC, Chen YM, **Huang CC**, Tzeng YD* (2016) Dehydroepiandrosterone Supplementation Combined with Whole-Body Vibration Training Affects Testosterone Level and Body Composition in Mice. *International Journal of Medical Sciences* 13(10): 730-740. **(SCI) (IF=3.738; Ranking=44/169 (26.0%, Q2) in MEDICINE, GENERAL & INTERNAL;** Times cited: 3) [MOST-104-2410-H-255-003 to Wen-Chyuan Chen] [Authorships: Lab members are accounting for 2/4]
77. Lin CI, Huang WC, Chen WC, Kan NW, Wei L, Chiu YS*, **Huang CC*** (2015) Effect of whole-body vibration training on body composition, exercise performance and biochemical responses in middle-aged mice. *Metabolism-Clinical and Experimental* 64(9): 1146-1156. **(Correspondence) (SCI) (IF=8.694; Ranking=13/145 (9.0%, Q1) in ENDOCRINOLOGY & METABOLISM;** Times cited: 19) [NSC-102-2628-H179-001-MY2 to Chi-Chang Huang] [Authorships: Lab members are

accounting for 3/7]

78. Liao CC, Chiu YS, Chiu WC, Tung YT, Chuang HL, Wu JH*, **Huang CC*** (2015) Proteomics Analysis to Identify and Characterize the Molecular Signatures of Hepatic Steatosis in Ovariectomized Rats as a Model of Postmenopausal Status. *Nutrients* 7: 8752-8766. **(Correspondence) (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in NUTRITION & DIETETICS;** Times cited: 12) [MOST-102-2628-B-179-001-MY3 and MOST-104-2811-B-179-001 to Chi-Chang Huang] [Authorships: Lab members are accounting for 3/7]
79. Lee LC, Wei L, Huang WC, Hsu YJ, Chen YM*, **Huang CC*** (2015) Hypolipidemic Effect of Tomato Juice in Hamsters in High Cholesterol Diet-Induced Hyperlipidemia. *Nutrients* 7(12): 10525-10537. **(Correspondence) (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in NUTRITION & DIETETICS;** Times cited: 17) [Authorships: Lab members are accounting for 4/6]
80. Huang WC, Chiu WC, Chuang HL, Tang DW, Lee ZM, Wei L, Chen FA*, **Huang CC*** (2015) Effect of curcumin supplementation on physiological fatigue and physical performance in mice. *Nutrients* 7(2): 905-921. **(Correspondence) (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in NUTRITION & DIETETICS;** Times cited: 45) [Authorships: Lab members are accounting for 3/8]
81. Chen YM, Tsai YH, Tsai TY, Chiu YS, Wei L, Chen WC*, **Huang CC*** (2015) Fucoidan supplementation improves exercise performance and exhibits anti-fatigue action in mice. *Nutrients* 7(1): 239-252. **(Correspondence) (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in NUTRITION & DIETETICS;** Times cited: 23) [Authorships: Lab members are accounting for 4/7]
82. Hsu YJ, Chiu CC, Li YP, Huang WC, Huang YT, **Huang CC***, Chuang HL* (2015) Effect of intestinal microbiota on exercise performance in mice. *Journal of Strength and Conditioning Research* 29(2): 552-558. **(Correspondence) (SCI) (IF=3.775; Ranking=25/88 (28.4%, Q2) in SPORT SCIENCES;** Times cited: 36) [NSC-101-2320-B179-001 and NSC-102-2628-B-179-001-MY3 to Chi-Chang Huang] [Authorships: Lab members are accounting for 5/7]
83. Huang WC, Chen YM, Kan NW, Ho CS, Wei L, Chan CH, Huang HY*, **Huang CC*** (2015) Hypolipidemic Effects and Safety of *Lactobacillus Reuteri* 263 in a Hamster Model of Hyperlipidemia. *Nutrients* 7(5): 3767-3782. **(Correspondence) (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in NUTRITION & DIETETICS;** Times cited: 16) [Authorships: Lab members are accounting for 4/8]
84. Wang YH, Liu TT, Kung WM, Chen CC, Wen YT, Lin IC, **Huang CC***, Wei L* (2015) Expression of aquaporins in intestine after heat stroke. *International Journal of Clinical and Experimental Pathology* 8(8): 8742-8753. **(Correspondence) (SCI) (IF=0.15; Ranking=280/308 (90.1%, Q4) in ONCOLOGY;** Times cited: 7) [Authorships: Lab members are accounting for 1/8]
85. Tung YT, Lin LC, Liu YL, Ho ST, Lin CY, Chuang HL, Chiu CC, **Huang CC***, Wu JH* (2015) Antioxidative phytochemicals from *Rhododendron oldhamii* Maxim. leaf extracts reduce serum uric acid levels in potassium oxonate-induced hyperuricemic mice. *BMC Complementary and Alternative Medicine* 15: 423. **(Correspondence) (SCI) (IF=3.659; Ranking=6/29 (20.7%, Q1) in INTEGRATIVE & COMPLEMENTARY MEDICINE;** Times cited: 11) [Authorships: Lab members are accounting for 3/9]
86. Chang CW, Hsu YJ, Chen YM, Huang WC, **Huang CC**, Hsu MC* (2015) Effects of combined extract of cocoa, coffee, green tea and garcinia on lipid profiles, glycaemic markers and inflammatory responses in hamsters. *BMC Complementary and Alternative Medicine* 15: 269. **(SCI) (IF=3.659; Ranking=6/29 (20.7%, Q1) in INTEGRATIVE & COMPLEMENTARY MEDICINE;** Times cited: 8)

[University-Industry Cooperation Fund no. S102019 to Mei-Chich Hsu] [Authorships: Lab members are accounting for 4/6]

87. Wen YT, Liu TT, Lin YF, Chen CC, Kung WM, **Huang CC**, Lin TJ, Wang YH*, Wei L* (2015) Heatstroke Effect on Brain Heme Oxygenase-1 in Rat. *International Journal of Medical Sciences* 12(9): 737-741. (SCI) (IF=3.738; Ranking=44/169 (26.0%, Q2) in *MEDICINE, GENERAL & INTERNAL*; Times cited: 2) [Authorships: Lab members are accounting for 1/9]
88. Chen WC, Huang WC, Chiu CC, Chang YK, **Huang CC*** (2014) Whey protein improves exercise performance and biochemical profiles in trained mice. *Medicine and Science in Sports and Exercise* 46(8): 1517-1524. (Correspondence) (SCI) (IF=5.411; Ranking = 8/88 (9.1%, Q1) in *SPORT SCIENCES*; Times cited: 61) [行政院教育部體育署-103年度運動科學研究及發展獎勵-佳作] [NSC-102-2628-H179-001-MY2 to Chi-Chang Huang] [Authorships: Lab members are accounting for 3/5] [Good Award, Research and Development Award in Sports Science, Sports Administration, Ministry of Education, R.O.C.]
89. Huang WC, Lin CI, Chiu CC, Lin YT, Huang WK, Huang HY*, **Huang CC*** (2014) Chicken essence improves exercise performance and ameliorates physical fatigue. *Nutrients* 6(7): 2681-2696. (Correspondence) (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in *NUTRITION & DIETETICS*; Times cited: 29) [Authorships: Lab members are accounting for 3/7]
90. Horng CT, Huang JK, Wang HY, **Huang CC***, Chen FA* (2014) Antioxidant and antifatigue activities of *Polygonatum Alte-lobatum* Hayata rhizomes in rats. *Nutrients* 6(11): 5327-5337. (Correspondence) (SCI) (IF=5.717; Ranking=17/89 (19.1%, Q1) in *NUTRITION & DIETETICS*; Times cited: 17) [Authorships: Lab members are accounting for 1/5]
91. **Huang CC***, Tseng TL, Huang WC, Chung YH, Chuang HL, Wu JH* (2014) Whole-body vibration training effect on physical performance and obesity in mice. *International Journal of Medical Sciences* 11(12): 1218-1227. (Correspondence) (SCI) (IF=3.738; Ranking=44/169 (26.0%, Q2) in *MEDICINE, GENERAL & INTERNAL*; Times cited: 25) [NSC-102-2628-H179-001-MY2 to Chi-Chang Huang] [Authorships: Lab members are accounting for 3/6]
92. **Huang CC**, Huang WC, Hou CW, Chi YW, Huang HY* (2014) Effect of black soybean koji extract on glucose utilization and adipocyte differentiation in 3T3-L1 cells. *International Journal of Molecular Sciences* 15(5): 8280-8292. (SCI) (IF=5.923; Ranking=67/298 (22.5%, Q1) in *BIOCHEMISTRY & MOLECULAR BIOLOGY*; Times cited: 13) [Authorships: Lab members are accounting for 2/5]
93. **Huang CC**, Chen YM, Kan NW, Chao HL, Ho CS, Hsu MC* (2014) *Cornu cervi pantotrichum* supplementation improves exercise performance and protects against physical fatigue in mice. *Molecules* 19(4): 4669-4680. (SCI) (IF=4.411; Ranking=63/179 (35.2%, Q2) in *CHEMISTRY, MULTIDISCIPLINARY*; Times cited: 5) [NSC-101-2410-H-037-016-MY3 to Mei-Chich Hsu] [Authorships: Lab members are accounting for 3/6]
94. Yeh TS, Chuang HL, Huang WC, Chen YM, **Huang CC***, Hsu MC* (2014) *Astragalus membranaceus* improves exercise performance and ameliorates exercise-induced fatigue in trained mice. *Molecules* 19(3): 2793-2807. (Correspondence) (SCI) (IF=4.411; Ranking=63/179 (35.2%, Q2) in *CHEMISTRY, MULTIDISCIPLINARY*; Times cited: 43) [NSC-99-2410-H-179-006-MY2 and NSC-101-2410-H-037-016-MY3 to Mei-Chich Hsu] [Authorships: Lab members are accounting for 3/6]
95. **Huang CC**, Chen YM, Wang DC, Chiu CC, Lin WT, Huang CY, Hsu MC* (2014) Cytoprotective

- effect of American ginseng in a rat ethanol gastric ulcer model. *Molecules* 19(1): 316-326. (SCI) (IF=4.411; Ranking=63/179 (35.2%, Q2) in *CHEMISTRY, MULTIDISCIPLINARY*; Times cited: 27) [NSC-101-2410-H-037-016-MY3 to Mei-Chich Hsu] [Authorships: Lab members are accounting for 3/7]
96. **Huang CC**, Lo BS, Hsu FL, Hou CC* (2014) Use of urinary metabolomics to evaluate the effect of hyperuricemia on the kidney. *Food and Chemical Toxicology* 74: 35-44. (SCI) (IF=6.023; Ranking=14/144 (9.7%, Q1) in *FOOD SCIENCE & TECHNOLOGY*; Times cited: 13) [Authorships: Lab members are accounting for 2/4]
97. Yeh TS, **Huang CC**, Chuang HL, Hsu MC* (2014) *Angelica sinensis* improves exercise performance and protects against physical fatigue in trained mice. *Molecules* 19(4): 3926-3939. (SCI) (IF=4.411; Ranking=63/179 (35.2%, Q2) in *CHEMISTRY, MULTIDISCIPLINARY*; Times cited: 15) [NSC-99-2410-H-179-006-MY2 and NSC-101-2410-H-037-016-MY3 to Mei-Chich Hsu] [Authorships: Lab members are accounting for 1/4]
98. Chang YK*, Tsai CL, **Huang CC**, Wang CC, Chu IH (2014) Effects of acute resistance exercise on cognition in late middle-aged adults: General or specific cognitive improvement? *Journal of Science and Medicine in Sport* 17(1): 51-55. (SCI) (IF=4.319; Ranking=17/88 (19.3%, Q1) in *SPORT SCIENCES*; Times cited: 71) [Authorships: Lab members are accounting for 1/5]
99. Chen CY, **Huang CC**, Tsai KC, Huang WJ, Huang WC, Hsu YC, Hsu FL* (2014) Evaluation of the antihyperuricemic activity of phytochemicals from *Davallia formosana* by enzyme assay and hyperuricemic mice model. *Evidence-Based Complementary and Alternative Medicine* 2014: 873670. (SCI) (IF=2.629; Ranking=12/29 (41.4%, Q2) in *INTEGRATIVE & COMPLEMENTARY MEDICINE*; Times cited: 7) [Authorships: Lab members are accounting for 2/7]
100. Huang HY*, Korivi M, Yang HT, **Huang CC**, Chaing YY, Tsai YC (2014) Effect of *Pleurotus tuber-regium* polysaccharides supplementation on the progression of diabetes complications in obese-diabetic rats. *Chinese Journal of Physiology* 57(4): 198-208. (SCI) (IF=1.764; Ranking=70/81 (86.4%, Q4) in *PHYSIOLOGY*; Times cited: 19) [Authorships: Lab members are accounting for 1/6]
101. Kan NW, Huang WC, Lin WT, Huang CY, Wen KC, Chiang HM, **Huang CC***, Hsu MC* (2013) Hepatoprotective effects of *Ixora parviflora* extract against exhaustive exercise-induced oxidative stress in mice. *Molecules* 18(9): 10721-10732. (Correspondence) (SCI) (IF=4.411; Ranking=63/179 (35.2%, Q2) in *CHEMISTRY, MULTIDISCIPLINARY*; Times cited: 15) [Authorships: Lab members are accounting for 2/8]
102. **Huang CC**, Chiang WD, Huang WC, Huang CY, Hsu MC, Lin WT* (2013) Hepatoprotective effects of swimming exercise against D-galactose-induced senescence rat model. *Evidence-Based Complementary and Alternative Medicine* 2013: 275431. (SCI) (IF=2.629; Ranking=12/29 (41.4%, Q2) in *INTEGRATIVE & COMPLEMENTARY MEDICINE*; Times cited: 18) [NSC-99-2410-H029-059-MY2 to Wan-Teng Lin] [Authorships: Lab members are accounting for 2/6]
103. Wu RE, Huang WC, Liao CC, Chang YK, Kan NW*, **Huang CC*** (2013) Resveratrol protects against physical fatigue and improves exercise performance in mice. *Molecules* 18(4): 4689-4702. (Correspondence) (SCI) (IF=4.411; Ranking=63/179 (35.2%, Q2) in *CHEMISTRY, MULTIDISCIPLINARY*; Times cited: 82) [Authorships: Lab members are accounting for 3/6]
104. **Huang CC**, Lin KJ, Cheng YW, Hsu CA, Yang SS, Shyur LF* (2013) Hepatoprotective effect and mechanistic insights of deoxyelephantopin, a phyto-sesquiterpene lactone, against fulminant hepatitis. *Journal of Nutritional Biochemistry* 24(3): 516-530. (SCI) (IF=6.048; Ranking=16/89

- (18.0%, Q1) in *NUTRITION & DIETETICS*; Times cited: 39) [Authorships: Lab members are accounting for 4/6]
105. **Huang CC**, Huang WC, Yang SC, Chan CC, Lin WT* (2013) *Ganoderma tsugae* hepatoprotection against exhaustive exercise-induced liver injury in rats. *Molecules* 18(2): 1741-1754. (SCI) (IF=4.411; Ranking=63/179 (35.2%, Q2) in *CHEMISTRY, MULTIDISCIPLINARY*; Times cited: 23) [Authorships: Lab members are accounting for 2/5]
 106. Chou TW, Feng JH, **Huang CC**, Cheng YW, Chien SC, Wang SY* and Shyur LF* (2013) A plant kavalactone desmethoxyyangonin prevents inflammation and fulminant hepatitis in mice. *Plos One* 8(10): e77626. (SCI) (IF=3.240; Ranking=26/73 (35.6%, Q2) in *MULTIDISCIPLINARY SCIENCES*; Times cited: 11) [Authorships: Lab members are accounting for 4/7]
 107. **Huang CC***, Hsu MC, Huang WC, Yang HR, Hou CC* (2012) Triterpenoid-rich extract from *Antrodia camphorata* improves physical fatigue and exercise performance in mice. *Evidence-Based Complementary and Alternative Medicine* 2012: 364741. (Correspondence) (SCI) (IF=2.629; Ranking=12/29 (41.4%, Q2) in *INTEGRATIVE & COMPLEMENTARY MEDICINE*; Times cited: 64) [Authorships: Lab members are accounting for 4/5]
 108. Wang SY, Huang WC, Liu CC, Wang MF, Ho CS, Huang WP, Hou CC, Chuang HL*, **Huang CC*** (2012) Pumpkin (*Cucurbita moschata*) fruit extract improves physical fatigue and exercise performance in mice. *Molecules* 17(10): 11864-11876. (Correspondence) (SCI) (IF=4.411; Ranking=63/179 (35.2%, Q2) in *CHEMISTRY, MULTIDISCIPLINARY*; Times cited: 51) [行政院教育部體育署-102年度運動科學研究及發展獎勵-優等獎] [Authorships: Lab members are accounting for 3/9] [**Excellent Award, Research and Development Award in Sports Science, Sports Administration, Ministry of Education, R.O.C.**]
 109. Chuang HL, Huang YT, Chi CC, Liao CD, Hsu FL, **Huang CC***, Hou CC* (2012) Metabolomics characterization of energy metabolism reveals glycogen accumulation in gut-microbiota-lacking mice. *Journal of Nutritional Biochemistry* 23(7): 752-758. (Correspondence) (SCI) (IF=6.048; Ranking=16/89 (18.0%, Q1) in *NUTRITION & DIETETICS*; Times cited: 24) [Authorships: Lab members are accounting for 2/7]
 110. Lin TJ, **Huang CC**, Huang CY, Lin WT* (2012) Fasudil, a Rho-kinase inhibitor, protects against excessive endurance exercise training-induced cardiac hypertrophy, apoptosis and fibrosis in rats. *European Journal of Applied Physiology* 112(8): 2943-2955. (co-first author) (SCI) (IF=3.078; Ranking=33/88 (37.5%, Q2) in *SPORT SCIENCES*; Times cited: 29) [Authorships: Lab members are accounting for 1/4]
 111. Ho ST, Tung YT, **Huang CC**, Kuo CL, Lin CC, Yang SC, Wu JH* (2012) The hypouricemic effect of *Balanophora laxiflora* extracts and derived phytochemicals in hyperuricemic mice. *Evidence-Based Complementary and Alternative Medicine* 2012: 910152. (SCI) (IF=2.629; Ranking=12/29 (41.4%, Q2) in *INTEGRATIVE & COMPLEMENTARY MEDICINE*; Times cited: 12) [Authorships: Lab members are accounting for 1/7]
 112. Chang YK*, Ku PW, Tomporowski PD, Chen FT, **Huang CC** (2012) Effects of acute resistance exercise on late-middle-age adults' goal planning. *Medicine and Science in Sports and Exercise* 44(9): 1773-1779. (SCI) (IF=5.411; Ranking = 8/88 (9.1%, Q1) in *SPORT SCIENCES*; Times cited: 37). [Authorships: Lab members are accounting for 1/5]
 113. Chang YK*, Pan CY, Chen FT, Tsai CL, **Huang CC** (2012) Effect of resistance-exercise training on cognitive function in healthy older adults: a review. *Journal of Aging and Physical Activity* 20(4):

- 497-517. (SCI) (IF=1.961; Ranking=65/88 (73.9%, Q3) in *SPORT SCIENCES*; Times cited: 130) [Authorships: Lab members are accounting for 1/5]
114. Chien KY, **Huang CC**, Hsu KF, Kuo CH, Hsu MC* (2012) Swim training reduces metformin levels in fructose-induced insulin resistant rats. *Journal of Pharmacy and Pharmaceutical Sciences* 15(1): 85-93. (SCI) (IF=2.327; Ranking=204/275 (74.2%, Q3) in *PHARMACOLOGY & PHARMACY*; Times cited: 7) [Authorships: Lab members are accounting for 2/5]
115. Hung SW, Chiu CF, Chen TA, Chu CL, **Huang CC**, Shyur LF, Liang CM*, Liang SM* (2012) Recombinant viral protein VP1 suppresses HER-2 expression and migration/metastasis of breast cancer. *Breast Cancer Research and Treatment* 136(1): 89-105. (SCI) (IF=4.872; Ranking=94/242 (38.8%, Q2) in *ONCOLOGY*; Times cited: 6) [Authorships: Lab members are accounting for 2/8]
116. **Huang CC**, Tung YT, Cheng KC, Wu JH* (2011) Phytocompounds from *Vitis kelungensis* stem prevent carbon tetrachloride-induced acute liver injury in mice. *Food Chemistry* 125(2): 726-731. (SCI) (IF=7.514; Ranking=7/144 (4.9%, Q1) in *FOOD SCIENCE & TECHNOLOGY*; Times cited: 16) [Authorships: Lab members are accounting for 1/4]
117. Hou CC, **Huang CC**, Shyur LF* (2011) Echinacea alkamides prevent lipopolysaccharide/D-galactosamine-induced acute hepatic injury through JNK pathway-mediated HO-1 expression. *Journal of Agricultural and Food Chemistry* 59(22): 11966-11974. (co-first author) (SCI) (IF=5.279; Ranking=5/58 (8.6%, Q1) in *AGRICULTURE, MULTIDISCIPLINARY*; Times cited: 17) [Authorships: Lab members are accounting for 3/3]
118. Tung YT, **Huang CC**, Ho ST, Kuo YH, Lin CC, Lin CT, Wu JH* (2011) Bioactive phytochemicals of leaf essential oils of *Cinnamomum osmophloeum* prevent lipopolysaccharide/D-galactosamine (LPS/D-GalN)-induced acute hepatitis in mice. *Journal of Agricultural and Food Chemistry* 59(15): 8117-8123. (co-first author) (SCI) (IF=5.279; Ranking=5/58 (8.6%, Q1) in *AGRICULTURE, MULTIDISCIPLINARY*; Times cited: 32) [Authorships: Lab members are accounting for 1/7]
119. Shyur LF*, **Huang CC**, Hsu YY, Cheng YW, Yang SD (2011) A sesquiterpenol extract potently suppresses inflammation in macrophages and mice skin and prevents chronic liver damage in mice through JNK-dependent HO-1 expression. *Phytochemistry* 72(4-5): 391-399. (SCI) (IF=4.072; Ranking=44/235 (18.7%, Q1) in *PLANT SCIENCES*; Times cited: 7) [Authorships: Lab members are accounting for 4/5]
120. Tung YT, Hsu CA, Chen CS, Yang SC, **Huang CC**, Chang ST* (2010) Phytochemicals from *Acacia confusa* heartwood extracts reduce serum uric acid levels in oxonate-induced mice: their potential use as xanthine oxidase inhibitors. *Journal of Agricultural and Food Chemistry* 58(18): 9936-9941. (co-first author) (SCI) (IF=5.279; Ranking=5/58 (8.6%, Q1) in *AGRICULTURE, MULTIDISCIPLINARY*; Times cited: 40) [Authorships: Lab members are accounting for 2/6]
121. **Huang CC**, Lo CP, Chiu CY, Shyur LF* (2010) Deoxyelephantopin, a novel multifunctional agent suppresses mammary tumor growth and lung metastasis and doubles survival time in mice. *British Journal of Pharmacology* 159(4): 856-871. (SCI) (IF=8.739; Ranking=11/275 (4.0%, Q1) in *PHARMACOLOGY & PHARMACY*; Times cited: 70) [Authorships: Lab members are accounting for 4/4]
122. **Huang CC**, Lin WT, Hsu FL, Tsai PW, Hou CC* (2010) Metabolomics investigation of exercise-modulated changes in metabolism in rat liver after exhaustive and endurance exercises. *European Journal of Applied Physiology* 108(3): 557-566. (SCI) (IF=3.078; Ranking=33/88 (37.5%, Q2) in *SPORT SCIENCES*; Times cited: 60) [Authorships: Lab members are accounting for 3/5]

123. **Huang CC**, Lin TJ, Chen CC, Lin WT* (2009) Endurance training accelerates exhaustive exercise-induced mitochondrial DNA deletion and apoptosis of left ventricle myocardium in rats. *European Journal of Applied Physiology* 107(6): 697-706. (SCI) (IF=3.078; Ranking=33/88 (37.5%, Q2) in *SPORT SCIENCES*; Times cited: 54) [Authorships: Lab members are accounting for 1/4]
124. **Huang CC**, Lin TJ, Lu YF, Chen CC, Huang CY*, Lin WT* (2009) Protective effects of L-arginine supplementation against exhaustive exercise-induced oxidative stress in young rat tissues. *Chinese Journal of Physiology* 52(5): 306-315. (SCI) (IF=1.764; Ranking=70/81 (86.4%, Q4) in *PHYSIOLOGY*; Times cited: 73) [Authorships: Lab members are accounting for 1/6]
125. Lin WT, **Huang CC**, Lin TJ, Chen JR, Shieh MJ, Yang SC*, Huang CY* (2009) Effects of beta-carotene on antioxidant status in rats with chronic alcohol consumption. *Cell Biochemistry and Function* 27(6): 344-350. (co-first author) (SCI) (IF=3.685; Ranking=163/298 (54.7%, Q3) in *BIOCHEMISTRY & MOLECULAR BIOLOGY*; Times cited: 36) [Authorships: Lab members are accounting for 1/7]
126. Tung YT, Wu JH, **Huang CC**, Peng HC, Chen YL, Yang SC*, Chang ST* (2009) Protective effect of *Acacia confusa* bark extract and its active compound gallic acid against carbon tetrachloride-induced chronic liver injury in rats. *Food and Chemical Toxicology* 47(6): 1385-1392. (SCI) (IF=6.023; Ranking=14/144 (9.7%, Q1) in *FOOD SCIENCE & TECHNOLOGY*; Times cited: 87) [Authorships: Lab members are accounting for 2/7]
127. Chang CY, Chen YL, Yang SC, Huang GC, Tsi D, **Huang CC**, Chen JR*, Li JS (2009) Effect of schisandrin B and sesamin mixture on CCl₄-induced hepatic oxidative stress in rats. *Phytotherapy Research* 23(2): 251-256. (SCI) (IF=5.878; Ranking=35/275 (12.7%, Q1) in *PHARMACOLOGY & PHARMACY*; Times cited: 39) [Authorships: Lab members are accounting for 3/8]
128. **Huang CC**, Tsai SC, Lin WT* (2008) Potential ergogenic effects of L-arginine against oxidative and inflammatory stress induced by acute exercise in aging rats. *Experimental Gerontology* 43(6): 571-577. (SCI) (IF=4.032; Ranking=23/53 (43.4%, Q2) in *GERIATRICS & GERONTOLOGY*; Times cited: 80) [Authorships: Lab members are accounting for 1/3]
129. Shyur LF*, **Huang CC**, Lo CP, Chiu CY, Chen YP, Wang SY, Chang ST (2008) Hepatoprotective phytochemicals from *Cryptomeria japonica* are potent modulators of inflammatory mediators. *Phytochemistry* 69(6): 1348-1358. (co-first author) (SCI) (IF=4.072; Ranking=44/235 (18.7%, Q1) in *PLANT SCIENCES*; Times cited: 41) [Authorships: Lab members are accounting for 5/7]
130. Hou CC, Chen YP, Wu JH, **Huang CC**, Wang SY, Yang NS, Shyur LF* (2007) A galactolipid possesses novel cancer chemopreventive effects by suppressing inflammatory mediators and mouse B16 melanoma. *Cancer Research* 67(14): 6907-6015. (co-third author) (SCI) (IF=12.701; Ranking=17/247 (7.0%, Q1) in *ONCOLOGY*; Times cited: 54) [Authorships: Lab members are accounting for 5/7]
131. Lin WT, Yang SC, Tsai SC, **Huang CC**, Lee NY* (2006) L-Arginine attenuates xanthine oxidase and myeloperoxidase activities in hearts of rats during exhaustive exercise. *British Journal of Nutrition* 95(1): 67-75. (SCI) (IF=3.718; Ranking=48/89 (53.9%, Q3) in *NUTRITION & DIETETICS*; Times cited: 22) [Authorships: Lab members are accounting for 2/5]
132. **Huang CC***, Chen JR, Shieh MJ, Yang SC* (2005) Effects of long-term ethanol consumption on jejunal lipase and disaccharidase activities in male and female rats. *World Journal of Gastroenterology* 11(17): 2603-2608. (Correspondence) (SCI) (IF=5.742; Ranking=28/92 (30.4%, Q2) in *GASTROENTEROLOGY & HEPATOLOGY*; Times cited: 7) [Authorships: Lab members are

accounting for 3/4]

133. Liu CC, **Huang CC**, Lin WT, Hsieh CC, Huang SY, Lin SJ, Yang SC* (2005) Lycopene supplementation attenuated xanthine oxidase and myeloperoxidase activities in skeletal muscle tissues of rats after exhaustive exercise. *British Journal of Nutrition* 94(4): 595-601. (SCI) (IF=3.718; Ranking=48/89 (53.9%, Q3) in *NUTRITION & DIETETICS*; Times cited: 24) [Authorships: Lab members are accounting for 3/7]
134. Lin WT, Yang SC, Chen KT, **Huang CC**, Lee NY* (2005) Protective effects of L-arginine on pulmonary oxidative stress and antioxidant defenses during exhaustive exercise in rats. *Acta Pharmacologica Sinica* 26(8): 992-999. (SCI) (IF=6.150; Ranking=35/275 (10.9%, Q1) in *PHARMACOLOGY & PHARMACY*; Times cited: 23) [Authorships: Lab members are accounting for 2/5]
135. Yang SS, **Huang CC**, Chen JR, Chiu CL, Shieh MJ, Lin SJ, Yang SC* (2005) Effects of ethanol on antioxidant capacity in isolated rat hepatocytes. *World Journal of Gastroenterology* 11(46): 7272-7276. (co-first author) (SCI) (IF=5.742; Ranking=28/92 (30.4%, Q2) in *GASTROENTEROLOGY & HEPATOLOGY*; Times cited: 9) [Authorships: Lab members are accounting for 5/7]
136. Yang SC, Chiu CL, **Huang CC**, Chen JR* (2005) Apoptosis induced by nucleosides in the human hepatoma HepG2. *World Journal of Gastroenterology* 11(40): 6381-6384. (SCI) (IF=5.742; Ranking=28/92 (30.4%, Q2) in *GASTROENTEROLOGY & HEPATOLOGY*; Times cited: 1) [Authorships: Lab members are accounting for 3/4]
137. Yang SC, **Huang CC**, Chu JS, Chen JR* (2004) Effects of beta-carotene on cell viability and antioxidant status of hepatocytes from chronically ethanol-fed rats. *British Journal of Nutrition* 92(2): 209-215. (SCI) (IF=3.718; Ranking=48/89 (53.9%, Q3) in *NUTRITION & DIETETICS*; Times cited: 11) [Authorships: Lab members are accounting for 2/4]

(B) Technology Transfer:

1. Chen YM, Tsai TY, **Huang CC*** (Sep, 2016) *Lactobacillus plantarum* TWK10 Supplementation Improves Exercise Performance and Increases Muscle Mass in Mice. (* principal inventor). This study was supported by the Ministry of Science and Technology of Taiwan (Grant no. MOST102-2628-B179-001-MY3). Synbiotech Inc signs **exclusive license agreement** with National Taiwan Sport University for technology transfer of this research achievement to development for products (NT\$ 1,000,000). (Contract no. MOST-N-105-00155).
2. **Huang CC*** (2017/03) ◦ Functional evaluation of kefir drink on antifatigue and improving exercise performance. **Preliminary technology transfer fee NT\$ 189,255** (Contract no. MOST-106-2622-H-179-001-CC2).
3. **Huang CC*** (2018/07) ◦ Functional evaluation of kefir drink on antifatigue and improving exercise performance-2. **Preliminary technology transfer fee NT\$ 189,493** (Contract no. MOST-107-2622-H-179-001-CC2).

(C) Patents:

1. Chen YM, Tsai TY, **Huang CC*** (2019) Use of *Lactobacillus plantarum* composition for manufacturing anti-fatigue probiotic composition to improve exercise performance. (US patent No.: US 10,188,685) (* principal inventor)
2. Shyur LF*, Hou CC, Wu JH, Chen YP, Wang SY, **Huang CC**, Yang NS (2009) Cancer and

inflammatory disorder treatment. (US patent No.: US 7,547,455 B2) (* principal inventor)

3. 徐麗芬*、侯珈禎、吳志鴻、陳奕平、王升陽、黃啟彰、楊寧蓀(2011)具抗癌及抗發炎活性之萃取物及半乳糖脂之組合物。中華民國專利 I 347192號。(103年度國家發明創作獎-發明獎銀牌)
4. 黃啟彰*、徐藝淑、霍華明、溫雅婷、魏立(2019)一種大豆分離蛋白用於製備產後婦女運動訓練時提高運動表現、增強身體組成及降低疲勞之食品或藥物的用途。中華民國專利。中華民國專利 I 667961號。(專利權期間：自2019年8月11日至2038年1月14日止)
5. 陳奕鳴、蔡宗佑、黃啟彰*(2017)胚芽乳酸桿菌用於製備改善運動表現及降低肌肉疲勞之益生菌組合物之用途。中華民國專利。中華民國專利 I 583388號。(專利權期間：自2017年5月21日至2036年8月23日止)
6. 陳奕鳴、高俊雄、黃啟彰*(2018)一種酒粕蛋白用於製備運動訓練時提高人體運動能力、增強身體組成、抗疲勞與降低發炎反應之藥物的用途。中華民國專利。中華民國專利 I 615098號。(專利權期間：自2018年2月21日至2036年8月15日止)

(D) Books, Thesis and Dissertation, and Others:

1. Hsu CY, Lai MH, Chao CY, Lai CL, Wang YY, Huang CC, Hsiao CY, and Hsiao W (2007) An Introduction to Nutrition and Metabolism (Translate Book). Wunan Book Co., Ltd. (ISBN : 9789571149462) [Chinese]
2. Huang CC (2005) Effects of Chronic Alcoholic Toxicity on Antioxidative Status and Hepatic Morphologic Changes by Lieber-DeCarli Animal Model. (Ph.D. Dissertation, Taipei Medical University) [Chinese]
3. Huang CC (2001) Effect of β -Carotene on Alcoholic Liver Disease in Rats. (Master Thesis, Taipei Medical University) [Chinese]

II. Research Project Grants:

A. Ministry of Science and Technology (MOST), the successor to the National Science Council (NSC) (<https://arsp.most.gov.tw/NSCWebFront/modules/talentSearch/talentSearch.do>)

Year	Funding type	Area of Research	Research Project Title (Project Period)	PI/ Co-PI	Budget (NT\$)
2021	Specific-Topic Research Project (General Research Project)	Exercise Physiology	Transgenerational effects of differential F1 physical performance, high-fat diet and exercise intervention on health and lifespan in F2 mice offspring (MOST-110-2410-H-179-013-MY3) (2021/8/1~2024/7/31)	PI	4,706,000
2018	Specific-Topic Research Project (General Research Project)	Exercise Physiology	To investigate the role of aerobic capacity in metabolic diseases and aging by selectively bred mouse model platform for high or low intrinsic endurance exercise (MOST-107-2410-H-179-006-MY3) (2018/8/1~2021/7/31)	PI	3,393,000
2018	Specific-Topic Research Project (Academia-Industry Collaboration Project-Application Type)	Exercise Physiology	Functional evaluation of kefir drink on antifatigue and improving exercise performance-2 (MOST-107-2622-H-179-001-CC2) (2018/6/1~2018/5/31)	PI	810,000
2017	Specific-Topic Research Project (Academia-Industry Collaboration Project-Application Type)	Exercise Physiology	Functional evaluation of kefir drink on antifatigue and improving exercise performance (MOST-106-2622-H-179-001-CC2) (2017/2/1~2018/1/31)	PI	808,000

2015	Specific-Topic Research Project (Project for Excellent Junior Research Investigators)	Exercise Physiology	Application of sportomics approaches to elucidate the specific molecular profiling and biological significance for high and low intrinsic aerobic exercise capacity in mice (MOST-104-2628-H-179-001-MY3) (2015/8/1~2018/7/31)	PI	4,096,000
2015	Specific-Topic Research Project (Sponsored a full-time post-doc researcher)	Nutrition and Health Sciences	The Role of Gut Microbiota in Shaping the Host Energy Metabolism and Exercise Performance (MOST-104-2811-B-179-001) (2015/8/1~2016/7/31)	PI	994,736
2013	Specific-Topic Research Project (Project for Excellent Junior Research Investigators)	Exercise Physiology	Integrative microRNA and Proteomic Approaches to Elucidate a Single Bout of Exhaustive Exercise- and Endurance Exercise Training-Specific Molecular Profiling and Their Collaborative Biological Significance (NSC-102-2628-H-179-001-MY2) (2013/8/1~2015/7/31)	PI	1,844,000
2013	Specific-Topic Research Project (Project for Excellent Junior Research Investigators)	Nutrition and Health Sciences	The Role of Gut Microbiota in Shaping the Host Energy Metabolism and Exercise Performance (NSC-102-2628-B-179-001-MY3) (2013/8/1~2016/7/31)	PI	3,848,000
2012	Specific-Topic Research Project (General Research Project)	Nutrition and Health Sciences	Application of Proteomic Approach to Study Key Biomarker Signatures for Gut Microbiota in Shaping the Host Energy Metabolism and Being a Viable Energy Source to Improve Exercise Performance (NSC-101-2320-B-179-001) (2012/8/1~2013/7/31)	PI	900,000
2011	Specific-Topic Research Project (Project for Junior Researcher)	Exercise Physiology	Application of Metabolomics in the Study Frail Middle-Aged and Older Adults, and Nutrition Intervention (NSC-100-2410-H-179-012) (2011/8/1~2012/7/31)	PI	469,000
2016	Specific-Topic Research Project (Minor Alliances between Academia and Industry)	Exercise Physiology	Sports and Bio-technical Products University-industry Technology Alliance (II) (MOST-105-2622-8-037-001-TS1) (2016/02/1~2017/01/31)	Co-PI	2,000,000
2015	Specific-Topic Research Project (Minor Alliances between Academia and Industry)	Exercise Physiology	Sports and Bio-technical Products University-industry Technology Alliance (I) (MOST-104-2622-H-037-001) (2015/02/1~2016/01/31)	Co-PI	2,000,000
2015	Specific-Topic Research Project (General Research Project)	Exercise Physiology	Effects of Supplementation with Hematinics in Chinese Medicine on Erythrocytes Synthesis and Exercise Performance (MOST-104-2410-H-037-004-MY2) (2015/8/1~2017/7/31)	Co-PI	2,375,000
2015	Specific-Topic Research Project (General Research Project)	Exercise Physiology	Metabolomic investigation into variations of metabolic profile between elite sprint and long-distance runners and protective effects of resveratrol on exercised-induced oxidative stress(III) (MOST-104-2410-H-182-015) (2015/8/1~2016/7/31)	Co-PI	1,266,000
2015	Specific-Topic Research Project (Project for Junior Researcher)	Physiology	Tyrosine Phosphorylation Linked to Cardiac Arrhythmias via Pacemaker and L-type Calcium Channels (MOST-104-2320-B-034-003) (2015/8/1~2016/7/31)	Co-PI	747,000
2014	Specific-Topic Research Project (Minor Alliances between Academia and Industry)	Exercise Physiology	Core Technology of Physiological and Biochemical Functional Assessments Applied in Industry (NSC-103-2622-H-037-001) (2014/2/1~2015/1/31)	Co-PI	1,841,000
2014	Specific-Topic Research Project (Academia-Industry Collaboration Project-Application Type)	Exercise Physiology	Antifatigue evaluation and quality control of Burdock energetic drink (MOST-103-2622-H-127-001-CC3) (2014/02/1~2015/01/31)	Co-PI	648,000
2014	Specific-Topic Research Project (General Research Project)	Exercise Physiology	Metabolomic investigation into variations of metabolic profile between elite sprint and long-distance runners and protective effects of resveratrol on exercised-induced oxidative stress(II-III) (MOST-103-2410-H-182-020) (2014/8/1~2015/7/31)	Co-PI	1,036,000
2012	Specific-Topic Research Project (General Research Project)	Exercise Physiology	Effects of Supplementation with Yang-Invigorating Agents in Chinese Medicine on Hormone Levels and Exercise Performance	Co-PI	3,489,000

		(NSC-101-2410-H179-001-MY3) (2012/8/1~2015/7/31)		
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B. NTSU-Industry Cooperation Fund

In addition to the government’s scientific funding, Distinguished Professor Huang got over 99 projects (>1.72 Million USD) from Academia-Industry Cooperation from National Taiwan Sports University in the past 11 years. This slide shows a list of total fee by bar chart and number of items by the line graph in each year:

