

:

60%

10

30

6

TOP

100

60%

10

1.

DSS

LPS

MAPK/AP-1/NF-

D

NF-

MAPK/NF-

2.

HepG2

PPAR-

PPAR-

SREBP-1c

SIRT1

CD36

GS M

GS M *NM K-1c

3. H2O2- HUVEC
 RBAP RBAP TLR4/NF-
 TLR4 TLR4 MD-2 SIRT1

4. FER
 FER FER
 - E
 100 1800 8
 TOP
 617 SCI 569 Chris R. Somerville
 4 3

1. 1() (27)
 Mastinu Sharma

Sharma R, et al. Scientific reports, 2019, 9: 5169
 Mastinu A, et al. Nutrients, 2019, 11: 728 Tang Molecules 2018,
 23: 1062 Guo and co-workers have been reported that NF- B played a vital role
 in the pathogenesis of IBD, and the degree of activated NF- B was significantly corrected with
 severity of inflammation of the intestine and the colon .

NF- B MAPK
 family proteins, p38, JNK and ERK, are key mediators that target NF- B upon LPS challenge
 (Guo et al., 2017) MAPK Journal of Functional Foods
 2018, 40: 461-470 MAPK/NF- B/AP-1

Cell Mol Biol, 2020, 66: 23
 2. 2() (28)
 2.1

LXR LXR /SREBP-1c
 Kobayashi

Kobayashi, et al. Nutrients. 2019, 11. 104 Chodkowska, et al. Nutrients. 2018,
 10 1871 Elkahoui, et al. JACS. 2018, 66: 6064; Doello, et al. JACS, 2018, 66: 3726
 2.2

Suzuki : Specific
 fiber (rice bran) is reported for its antihyperlipidemic function in high-fat diet-induced brain
 inflammation and dysfunction, while short chain fatty acids (SCFAs) have been shown to
 attenuate inflammation in various models Antioxidants (Basel). 2019 Sep 5;8 Ganesan

K Molecules. 2019;24
 Zhang X Zou YC
 (Zhang X et al. Animal Feed
 Science & Technology. 2019, doi10.1016/j.anifeedsci.2019.114336 ; Zou YC, et al. Food &
 Function. 2020, 11: 2406; Luan H,et al. Phytotherapy Res, 2019 DOI: 10.1002/ptr.6582.)
 3. 3() (29)

TLR4/NF B J Agr
 Food Chem 2018, ESI Top Oxid Med Cell Longev 2017, doi:10.1155/2017/7156941
 Univates Claucia Fernanda
 Food Res Int 2020, 131, 109002

(ITTC) Abishek Nutrients
 2019, 11, 2736

4. 4() (30)
 FER

Chris Plant Cell Plant Physiology FER
 Yeats et al., 2016, Pu et al., 2017
 Chris R. Somerville Yeats et al., 2016

: It was reported that feronia exhibits Suc-conditional ectopic starch accumulation and
 shortening of hypocotyls in the dark Yang et al., 2015 . Prompted by these reports
 Current Opinion in Plant Vogler et al., 2019 Annual Review of Plant
 Biology Franck et al., 2018

1. 1. Ying Nie, *Feijun Luo, *Qinlu Lin. Dietary nutrition and gut microflora: A promising target for treating diseases. Trends in Food Science & Technology. Trends in Food Science & Technology 75 (2018) 72-80.
2. Tianyi Guo; Qinlu Lin; Xinhua Li; Ying Nie; Long Wang; Limin Shi; Wei Xu; Tao Hu; Ting Guo; Feijun Luo. Octacosanol attenuates inflammation in both RAW264.7 macrophages and a mouse model of colitis. Journal Agricultural Food Chemistry, 2017;65(18):3647-3658
3. Nie Y, Luo F, Wang L, Yang T, Shi L, Li X, Shen J, Xu W, Guo T, Lin Q. Anti-hyperlipidemic effect of rice bran polysaccharide and its potential mechanism in high-fat diet mice. Food & Function. 2017 ; 8(11):4028-4041.
4. Wang L, Lin Q, Yang T, Liang Y, Nie Y, Luo Y, Shen J, Fu X, Tang Y, Luo F. Oryzanol Modifies High Fat Diet-Induced Obesity, Liver Gene Expression Profile, and Inflammation Response in Mice. Journal of Agricultural and Food Chemistry. 2017 Sep 27;65(38):8374-8385.
5. Ying Liang, Qinlu Lin, Ping Huang, Yuqian Wang, Jiajia Li, Lin Zhang, and Jianzhong Cao. A rice bioactive peptide binding with TLR4 to overcome H2O2-induced injury in human umbilical vein endothelial cells through NF- κ B. J Agric Food Chem. 2018; 66(2): 440-448 .

)Gd j Gd Ldg TibOj UibGdi NdGhd b c i T G j A d i)J -glucan ameliorates dextran sulfate sodium (DSS)-induced ulcerative colitis in mice. *Food & Function*. 2015; 6(11): 3454-3463.

7. Tao Yang, Long Wang, Chiyu Li, Ying Liu, Sirui Zhu, Yinyao Qi, Xuanming Liu, Qinglu Lin*, Sheng Luan, Feng Yu. Receptor protein kinase FERONIA controls leaf starch accumulation by interacting with glyceraldehyde-3-phosphate dehydrogenase /*Biochemical and Biophysical Research Communications* / 2.37 2015 465 77 2015 07 29

8. Shen J; Yang T; Xu Y; Luo Y; Zhong X; Shi L; Guo T; Hu T; Nie Y; *Luo F; *Lu Q. -Tocotrienol, Isolated from Rice Bran, Exerts an Anti-Inflammatory Effect via MAPKs and PPARs Signaling Pathways in Lipopolysaccharide-Stimulated Macrophages. *International Journal of Molecular Science*, 19(10), pp 3022-3034, 2018-11-1

1 Qinlu Lin, Huaxi Xiao, Jian Zhao, Lihui Li, Fengxiang Yu, Xing Liu, Xiangxu Cheng. Production of isomalto-oligosaccharide syrup from rice starch using an one-step conversion method. *International Journal of Food Science and Technology*, 2011, 46(6):1194-1200.

2 Huaxi Xiao, Qinlu Lin, Gaoqiang Liu, Yue Wu, Wei Tian, Wei Wu, Xiangjin Fu. Effect of green tea polyphenols on the gelatinization and retrogradation of rice starches with different amylose contents. *Journal of Medicinal Plants Research*, 2011, 5(17): 4298-4303.

3 Huaxi Xiao, Qinlu Lin, Gaoqiang Liu, Fengxiang Yu. A Comparative study of the characteristics of cross-linked, oxidized and dual-modified rice starches. *Molecules*, 2012, 17(9): 10946-10957.

4 Yue Wu, Qinlu Lin, Zhengxing Chen, Wei Wu, Huaxi Xiao. Fractal analysis of the retrogradation of rice starch by digital image processing. *Journal of Food Engineering*, 2012, 109(1):182-187.

5 Yue Wu, Qinlu Lin, Zhengxing Chen, Wei Wu, Huaxi Xiao. Preparation of chitosan oligomers COS and their effect on the retrogradation of intermediate amylose rice starch. *Journal of Food Science and Technology-Mysore*, 2012, 49(6):695-703.

6 Siming Zhao, Chengguang Qiu, Shanbai Xiong, Youming Liu. Rheological properties of amylopectins from different rice type during storage. *Journal of Central South University of Technology*, 2007, 14(8): 510-513.

7 Zhaocheng Ma, Siming Zhao, Ke cheng, et al. Molecular Weight and Chain Conformation of Amylopectin from Rice Starch. *Journal of Applied Polymer Science*, 2007, 104(5):3124-3128.

8 Qinlu Lin, Gaoqiang Liu, Zhonghua Liu, Lihui Li, Fengxiang Yu. Production of maltose syrup by enzymatic conversion of rice starch. *Food and Bioprocess Technology*, 2013, 6(1):242-248.

9 Huaxi Xiao, Qinlu Lin, Gaoqiang Liu. Effect of cross-linking and enzymatic hydrolysis composite modification on the properties of rice starches. *Molecules*, 2012, 17(7): 8136-8146.

10 Huaxi Xiao, Qinlu Lin, Gao-Qiang Liu, Yue Wu, Wei Wu, Xiangjin Fu. Inhibitory Effects of Green Tea Polyphenols on the Retrogradation of Starches from Different Botanical Sources. *Food and Bioprocess Technology*, 2013, 6(8):2177-2181.

11 Tao Yang, Shuguo Sun, Meihu Ma, Qinlu Lin, Lin Zhang, Yan Li, Feijun Luo. Optimizing immobilization of avidin on surface-modified magnetic nanoparticles: characterization and application of protein-immobilized nanoparticles. *Bioprocess Biosyst Eng*, 2015, 38:2023-2034.

12 Wei Wu, Yufei Hua, Qinlu Lin, Huaxi Xiao. Effects of oxidative modification on thermal aggregation and gel properties of soy protein by peroxy radicals. *International Journal of Food Science and Technology*, 2011, 46(9): 1891-1897.

13 Yue Wu, Qinlu Lin, Zhengxing Chen, Huaxi Xiao. The interaction between tea polyphenols and rice starch during gelatinization. *Food Science and Technology International*, 2011, 17 (6): 569-577.

14 Huaxi Xiao, Qinlu Lin, Gaoqiang Liu, Yue Wu, Wei Wu, Xiangjin Fu. Inhibitory Effects of Green Tea Polyphenol on the Retrogradation of Starches from Different Botanical Sources. *Food and Bioprocess Technology*, 2011, 6(8):2177-2181.

15 Jing Deng, WenLi, Qinlu Lin. Study on preparation and migration behavior of polyvinyl alcohol active packaging film based on clove essential oil- β -cyclodextrin inclusion complex. *Journal of Nanoscience and Nanotechnology*, 2016, 16:1-4.

- 16 Tao Yang, Huifen Huang, Fang Zhu, Qinlu Lin, Lin Zhang, Junwen Liu. Recent progresses in nanobiosensing for food safety analysis. *Sensors*, 2016, 16(7), 1118. doi:10.3390/s16071118.
- 17 Ying Liang, Yu Gao, Qinlu Lin, Feijun Luo, Wei Wu, Qian Lu, Ying Liu. A review of the research progress on the bioactive ingredients and physiological activities of rice bran oil. *European Food Research and Technology*, 2014, 238(2): 169-176.
- 18 Qingyun Wang, Qinlu Lin, XH Li. Extraction of lipase from rice bran using aqueous two-phase system. *Advanced Materials Research*, 2013, 651:384-388.
- 19 Ying Liang, Qinlu Lin, Qian Lu, Wei Wu, Yu Gao. The effect of glycosylation on the functional properties of rice protein. *Advance Journal of Food Science and Technology*, 2013, 5(9):1209-1213.
- 20 Yuqin Ding, Xiaolong Shao, Siming Zhao, Shanbai Xiong, Hong Yang, Salam Albrahim. Antitumor activity of rice bran polysaccharides extracted by different methods. 239th American Chemical Society National Meeting (26291).
- 21 Liuliang Peng, Fengqin Zhang, Xiaolong Li, et al. Screening and identification of xenorhabdus nematophila and mass production of entomopathogenic nematodes. *Journal of Bionanoscience*, 2016, 10: 1-5.
- 22 Jing Deng, Wen Li, Xihai Hao, Zhengjie Cao, Qiong Xue. Preparation and properties of bmh-pe antibacterial films. *Applied Mechanics and Materials*, 2015, 697:109-113.
- 23 Jing Deng, Wen Li, Jianxin Tang, Xiaoyuan Zhou. Study on the potential of antifungal activity of essential oils against fungal pathogens of fruits and vegetables. *Journal of Chemical and Pharmaceutical Research*, 2013, 5(12):443-446.
- 24 Jing Deng, Wen Li, Jianxin Tang, Ruomei Wu, Xiaoyuan Zhou. Antibacterial activity of nano silver in d n kkg l d n in antibacterial paper. *Applied Mechanics and Materials*, 2012, 200: 393-396.
- 25 , , , , . ,2016,41(7):15-19.
- 26 , , , . 2016,29(8): 25-28.
- 27 , , , . ,2016,32(6):132-135.
- 28 , , , , . ,2015, 40(10):15-19.
- 29 , , , . ,2015, 31(5):165-168.
- 30 , , , , , , . ,2015, 36(19):54-75.
- 31 , , , , , . ,2015,28(6):31-34.
- 32 , , , . , 2014, 30(3):122-126.
- 33 , , , , . ,2013,26(7): 22-24.
- 34 , , , , . ,2013,26(8): 1-4.
- 35 , , , , . ,2011,26(8):1-4.
- 36 , , , , . (),2011,(2):4-7.
- 37 Tao Yang, He Zhu, Hui Zhou, Qinlu Lin, Wenjian Li, Junwen Liu. Rice protein hydrolysate attenuates hydrogen peroxide induced apoptosis of myocardiocytes H9c2 through the Bcl-2/Bax pathway. *Food Research International*, 2012, 48(2): 736-741.
- 38 Qinlu Lin, Huaxi Xiao, Xiangjin Fu, Wei Tian, Lihui Li, Fengxiang Yu. Physico-Chemical properties of flour, starch and modified starch iocytes <

40 Jian Xia, Bin Zhang, Feijun Luo, Junwen Liu, Tao Yang. Quercetin protects neuroblastoma SH-SY5Y cells against oxidative stress by inhibiting expression of Kruppel-like factor 4. *Neuroscience Letters*, 2012, 527(2):115-120.

41 Tao Yang, Caihong Chen, Bin Zhang, He Huang, Ganqiu Wu, Jianguo Wen, Junwen Liu. Induction of Kruppel-like factor 4 by HDL promotes the expression of scavenger receptor class B type I. *FEBS Journal*, 2010, (277)18: 3780-3788.

42 Tao Yang, Ying Liang, Qinlu Lin, Junwen Liu, Feijun Luo, Xinhua Li, Hui Zhou, Sheng Zhuang, Hongliang Zhang. MiR--4 h d n OBA , -induced extracellular matrix synthesis through activation of PI3K-AKT pathway in human lung fibroblasts. *Journal of Cellular Biochemistry*. 2013,114: 1336-1342.

43 Tao Yang, Long Wang, Chiyu Li, Ying Liu, Sirui Zhu, Yinyao Qi, Xuanming Liu, Qinglu Lin, Sheng Luan, Feng Yu. Receptor protein kinase FERONIA controls leaf starch accumulation by interacting with glyceraldehyde-3-phosphate dehydrogenase. *Biochemical and Biophysical Research Communications*, 2015, 465:77-82.

44 Tao Yang, Junwen Liu, Feijun Luo, Qinlu Lin, Rosol Thomas J, Xiyun Deng. Anticancer properties of *Monascus* metabolites. *Anti-cancer Drugs*, 2014, 25(7):735-744.

45 Tao Yang, Shugang Li, Xuming Zhang, Xiaowu Pang, Qinlu Lin, Jianzhong Cao. Resveratrol, sirtuins, and viruses. *Reviews in Medical Virology*, 2015, 25:431-445.

46 Qinlu Lin. In vitro antioxidant capacities of rice residue hydrolysates from fermented broth of five mold strains. *Journal of Medicinal Plants Research*, 2012, 6(12):2396-2401.

47 , , , , , .HPLC
 , 2014,30(9):279-284.

48 Huaxi Xiao, Tao Yang, Qinlu Lin, Gaoqiang Liu, Lin Zhang, Fengxiang Yu, Yuejiao Chen. Acetylated starch nanocrystals: Preparation and antitumor drug delivery study. *International Journal of Biological Macromolecules*, 2016, 89: 456-464.

49 Li Wen, Yuehua Chen, Li Zhang, Huixin Yu, Zhou Xu, Haixi You, Yunhui Cheng*. Rice protein hydrolysates (RPHs) inhibit the LPS-induced h h j m m k j i n i k c b j j n h d M R - / 2 macrophages by regulating the NF- κ B signaling pathway. *RSC Advances*, 2016, 6(75):71295-71304.

50 Lin Zhang, Yuanqiang Hao, Xiaoying Wang, Yunfei Long, Ramos Angela, Dianlu Jiang, Xiaohua Ma, Qinlu Lin, Feimeng Zhou. Optically transparent electrodes modified with sulfide ion-covered CdS quantum dots for sensitive photoelectrochemical detection of sulfhydryl-containing compounds. *Electroanalysis*, 2015, 27(8):1899-1905.

51 , , , .
 , 2014,35(12):98-101.

52 , , , .
 , 2016,32(6): 5-8.

53 , , , , , .
 2016,41(8):18-22.

54 , , . , 2012,(10):15-19.

55 , , , , .
 , 2012,30:62-65.

56 , , , , , .
 , 2012,38(9):119-124.

57 , , , , , .EDTA-CaNa GABA
 , 2013, 26(08):26-28.

58 , , . , 2013,26(4):11-14.

59 , , , , , .
 , 2013,34(9):382-386.

60 , , , , , .
 , 2014,35(10):60-63.

61 , , , , , .
 , 2014,30(6):132-134.

62 , , . , 2014,
40(6):110-116.

63 , , . HUVEC

- ,2014,29(7):1-6.
- 64 Tao Yang, Shuguo Sun, Qinlu Lin, Meihu Ma, Feijun Luo, Junwen Liu. Effects of microwave irradiation pre-treatment of egg white proteins on antioxidant activity of their hydrolysates prepared with pepsin. *Advance Journal of Food Science and Technology*, 2013, 5 (7): 936-940.
- 65 Shuguo Sun, Tao Yang, Qinlu Lin, Meihu Ma, Feijun Luo, Junwen Liu. Effects of two pre-treatment methods on functional properties of egg white protein hydrolysates obtained by pepsin. *Advance Journal of Food Science and Technology*, 2013, 5(8): 1043-1048.
- 66 , , , , , , , , , , , . , 2014, 35(20):102-106.
- 67 Tianyi Guo, Feijun Luo, Qinlu Lin. You are affected by what your parents eat: Diet, epigenetics, transgenerational and intergenerational. *Trends in Food Science & Technology* 100 (2020) 248–261.
- 68 Mingxi Jia, Wenjing Zhang, Taojin He, Meng Shu, Jing Deng, Jianhui Wang, Wen Li, Jie Bai, Qinlu Lin, Feijun Luo, Wenhua Zhou and Xiaoxi Zeng. Evaluation of the genotoxic and oxidative damage potential of silver nanoparticles in human NCM460 and HCT116 cells. *International Journal of Molecular Science*. 2020, 21: 1618.
- 69 Liyi Zhou, Feijun Luo, Weijie Chib, Yiping Tanga, Xiaogang Liub, Qinlu Lin#. Activatable selenium-containing fluorescent apoptotic agent for biosensing and tracing cancer cell apoptosis. *Sensors & Actuators: B. Chemical*, 2020, 311: 27915
- 70 Yongbo Ding, Ying Liang, Feijun Luo, Qunfu Ouyang, Qinlu Lin. Understanding the mechanism of ultrasonication regulated the digestibility properties of retrograded starch following vacuum freeze drying. *Carbohydrate Polymers*, 2020, 228: 115350.
- 71 Lina Xu, Weidan Guo, Weicong Liu, Xiangjin Fu, Yue Wu, Feijun Luo, Youzhi Xu. Metabolites analysis for cold-resistant yeast (*Wickerhamomyces anomalus*) strains own antioxidant activity on cold stored fish mince. *Food Chemistry*, 2020, 303: 125368
- 72 Junjun Shen, Feijun Luo, Qinlu Lin. Policosanol: Extraction and biological functions. *Journal of Functional Foods*, 2019, 57: 351–353.
- 73 , 2019, 39(5): 1013-1018
- 74 , , , , , , , , , MAPK DSS , 2019, 35(1): 32-40.
- 75 Bo Liu, Tao Yang, Yi Luo, Linna Zeng, Limin Shi, Chengxi Wei, Ying Nie, Yu Cheng, Qinlu Lin, A d i G j)J -glucan inhibits adipogenesis and hepatic steatosis in high fat diet-induced hyperlipidemic mice via AMPK signaling. *Journal of Functional Foods*. 2018, 41: 72–82.
- 76 Tao Hu, Qinlu Lin, Ting Guo, Tao Yang, Wenhua Zhou, Xiaofan Deng, Jing-Kun Yan, Yi Luo, Mengmeng Jua, Feijun Luo. Polysaccharide isolated from *Phellinus linteus* mycelia exerts anti-inflammatory effects via MAPK and PPAR signaling pathways. *Carbohydrate Polymers* 200 (2018) 487–497.
- 77 Jun Lu, Xinjing Fu, Ting Liu, Ying Zheng, Jiahao Chen, *Feijun Luo Phenolic composition, antioxidant, antibacterial and anti-inflammatory activities of leaf and stem extracts from *Cryptotaenia japonica* Hassk. *Industrial Crops & Products*. 2018, 122: 522–532.
- 78 Dong J, Yao ZJ, Zhang L, Luo F, Lin Q, Lu AP, Chen AF, Cao DS. PyBioMed: a python library for various molecular representations of chemicals, proteins and DNAs and their interactions. *J Cheminform*. 2018 Mar 20;10(1):16.
- 79 He L, Wu J, Tang W, Zhou X, Lin Q, Luo F, Yin Y, Li T. Prevention of oxidative stress by -ketoglutarate via activation of CAR signaling and modulation of the expression of key antioxidant-associated targets in vivo and in vitro. *Journal Agricultural Food Chemistry*, 2018, 66(43): 11273-11283.
- 80 Chun Liu, Xiaoquan Yang, WeiWu, Zhao Long, Huaxi Xiao, Feijun Luo, Yingbin Shen, Qinlu Lin. Elaboration of curcumin-loaded rice bran albumin nanoparticles formulation with increased in vitro bioactivity and in vivo bioavailability. *Food Hydrocolloids*. 2018, 77 834-842.
- 81 Limin Shi, Qinlu Lin, Xinhua Li, Ying Nie, Shuguo Sun, Xiyun Deng, Long Wang, Jun Lu, Yiping Tang, Feijun Luo. Alliin, a garlic organosulfur compound, ameliorates gut inflammation through MAPK-NF- * K-1/STAT-, d d dji i KK M d dji) H j g g m I nd dji ! A j j M n mc 2017

2017, 30(2) 31-36.

84 2017, 30(4) 1-4.

85 * 2017, 30(3) 26-30.

86 Limin Shi, Qinlu Lin, Tao Yang, Ying Nie, Xinhua Li, Bo Liu, Junjun Shen, Ying Liang, Yiping Tang, A d i G j) J m g h d d m d j i j a G i d n j n -glucans ameliorates DSS-induced ulcerative colitis in mice via MAPK-Elk-1 and MAPK-KK M k c n) A j j ! A i d j i - , 62#, , 5/ , /-4627.

87 Bo Liu, Tao Yang, Linna Zeng, Limin Shi, Yan Li, Zanguo Xia, Xuping Xia, Qinlu Lin, Feijun Luo. Crude extract of Fuzhuan brick tea ameliorates DSS induced colitis in mice. International Journal of Food Science Technology, 2016; 51(12): 2574-2582.

88 , , 2016, 29(2): 1-5.

89 , . AMPK 2016, (05): 645-649.

90 , , , , , , , , , DSS
2016, (05): 14-21.

91 Lu J, Xu Y, Yang M, Fu X, Luo F, Li Z. Optimization of ultrasound-assisted extraction of flavonoids from cryptotaenia japonica hassk. and evaluation of antioxidant activity. Journal of Agricultural Science, 2015, 7(7): 138-142.

92 , , 2015, (11): 10-13.

93 , , 2015, 34(12):
1233-1236.

94) -
, 2015 36(19): 238-243.

95 , , , , , , , ,
, 2014, 2014, (6): 132-134.

96 , , [J]. , 2014, 39(3):
224-227.

97 , 2014, (1):
1-4

98 , , , , 2014, (9): 20-22.

99 , ,) [J]. , 2013, 26(3): 6-8.

100 , , [J]. , 2013, 26(12): 6-9.

101 , 2013, (9):
42-45.

1966 4

1 2 3

7 50%

1. 2011

1 2011-J-211-2-03-R01 2.2008

5 2008-J-211-2-02-R05 3. 2013

1

20135351-

20135351-J1-214-R05 4. 2006

5. 2007

4

EB

2006-

6

360-03-11620018-06 5. 2008

5

EB

4

360-06-11620918-04

1



Journal of Agricultural and Food Chemistry 2014, 62(12):3456-3464

1. **Journal of Agricultural and Food Chemistry** 2014, 62(12):3456-3464
 -glucan inhibits adipogenesis and hepatic steatosis in high fat diet-induced hyperlipidemic mice
 d. **Journal of Agricultural and Food Chemistry** 2014, 62(12):3456-3464
 -Tocotrienol, isolated from rice bran, exerts an anti-inflammatory effect via MAPKs and PPARs signaling pathways in Lipopolysaccharide-induced hyperlipidemic mice

2. **Journal of Agricultural and Food Chemistry** 2014, 62(12):3456-3464
 with TLR4 to overcome H2O2-induced injury in human umbilical vein endothelial cells through NF- κ B
Journal of Agricultural and Food Chemistry 2014, 62(12):3456-3464
 -induced obesity, liver gene expression

3. **Journal of Agricultural and Food Chemistry** 2014, 62(12):3456-3464
 controls leaf starch accumulation by interacting with glyceraldehyde-3-phosphate
Journal of Agricultural and Food Chemistry 2014, 62(12):3456-3464
 hyperlipidemic effect of rice bran polysaccharide and its potential mechanism in high-fat diet
Journal of Agricultural and Food Chemistry 2014, 62(12):3456-3464
 -glucan inhibits adipogenesis and hepatic steatosis in high fat diet-induced hyperlipidemic mice
Journal of Agricultural and Food Chemistry 2014, 62(12):3456-3464
 -Tocotrienol, isolated from rice bran, exerts an anti-inflammatory effect via MAPKs and PPARs signaling pathways in Lipopolysaccharide-induced hyperlipidemic mice