



NAME
賴光啟
Lai, Kuang-Chi

POSITION TITLE
Associate Professor

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Chung-Shan Medical University, Taiwan	M.D.	1990	Medicine
Chung-Shan Medical University, Taiwan	Ph.D.	2006	Medicine

CURRENT POSITIONS

2011/03- Present Associate Professor, School of Clinical Medicine, China Medical University, Taichung, Taiwan

RESEARCH INTEREST

1. Surgery
2. Surgical Oncology
3. Molecular mechanism of cancer development
4. Molecular mechanism of anticancer therapy

Editor

1. Evidence-Based Complementary and Alternative Medicine

PEER-REVIEWED PUBLICATIONS (SINCE 2010)

1. 賴光啟 (Kuang-Chi Lai), Ken-Sheng Cheng, Long-Bin Jeng, Chi-Chou Huang, Yuan-Ti Lee, Horng-Rong Chang, Chun-Chieh Chen, Shiuan-Chih Chen, Meng-Chih Lee (2013, Jan). Factors associated with treatment failure of percutaneous catheter drainage for pyogenic liver abscess in patients with hepatobiliarypancreatic cancer. AMERICAN JOURNAL OF SURGERY, Volume 205, Issue 1, Pages 52-57, January 2013. (SCI, SURGERY 35/199; Q1). 2. Yu CS, Huang AC, 賴光啟 (Lai KC), Huang YP, Lin MW, Yang JS, Chung JG. (2012, Sep). Dialyl trisulfide induces apoptosis in human primary colorectal cancer cells.. ONCOLOGY REPORTS, 2012 Sep;28(3):949-54.. (SCI, ONCOLOGY; 196; 131; Q3). NSC 95-2320-B-039-030-MY2.
3. 林景彬 (Jing-Pin Lin)、楊家欣 (Yang Jai-Sing)、林楨智 (Jen-Jyn Lin)、賴光啟 (Kuang-Chi Lai)、(Lu HF)、(Ma CY)、吳世銓 (Rick Sai-Chuen Wu)、(Wu KC)、(Gibson Wood W)、鍾景光 (Jing-Gung Chung)* (2012, Aug). Rutin inhibits human leukemia tumor growth in a murine xenograft model in vivo.. Environmental Toxicology, 2012 Aug;27(8):480-4.. (SCI, WATER RESOURCES; 78; 8; Q1). 中國醫藥大學: CMU96-179.
4. Liu YC, Ho HC, Lee MR, 賴光啟 (Lai KC), Yeh CM, Lin YM, Ho TY, Hsiang CY, Chung JG. (2012, Jul). Early induction of cytokines/cytokine receptors and Cox2, and activation of NF-kappaB in 4-nitroquinoline 1-oxide-induced murine oral cancer model. TOXICOLOGY AND APPLIED PHARMACOLOGY, 2012 Jul 15;262(2):107-16.. (SCI, PHARMACOLOGY & PHARMACY; 261; 32; Q1). 衛生署: DOH100-TD-C-111-005.
- 5.

- Liao CL, 賴光啟(Lai KC), Huang AC, Yang JS, Lin JJ, Wu SH, Gibson Wood W, Lin JG, Chung JG. (2012, May). Gallic acid inhibits migration and invasion in human osteosarcoma U-2 OS cells through suppressing the matrix metalloproteinase-2/-9, protein kinase B (PKB) and PKC signaling pathways.. FOOD AND CHEMICAL TOXICOLOGY, 50(5) (2012) 1734–1740. (SCI, FOOD SCIENCE & TECHNOLOGY; 128; 13; Q1). 中國醫藥大學: CMU100-S-18.
6.
Ma YS, Weng SW, Lin MW, Lu CC, Chiang JH, Yang JS, 賴光啟(Lai KC), Lin JP, Tang NY, Lin JG, Chung JG. (2012, May). Antitumor effects of emodin on LS1034 human colon cancer cells in vitro and in vivo: roles of apoptotic cell death and LS1034 tumor xenografts model.. FOOD AND CHEMICAL TOXICOLOGY, 2012 May;50(5):1271-8.. (SCI, FOOD SCIENCE & TECHNOLOGY 128 13 Q1). 中國醫藥大學: CMU97-163.
7.
賴光啟(Lai KC), Kuo CL, Ho HC, Yang JS, Ma CY, Lu HF, Huang HY, Chueh FS, Yu CC, Chung JG (2012, May). Diallyl sulfide, diallyl disulfide and diallyl trisulfide affect drug resistant gene expression in colo 205 human colon cancer cells in vitro and in vivo.. PHYTOMEDICINE, 2012 May 15;19(7):625-30. (SCI, INTEGRATIVE & COMPLEMENTARY MEDICINE; 22; 3; Q1). NSC 952320-B-039-030-MY2.
8.
BIN-CHUAN JI, CHIEN-CHIH YU, SU-TSO YANG, TE-CHUNG HSIA, JAISING YANG, 賴光啟(KUANG-CHI LAI), YANG-CHING KO, JEN-JYH LIN, TUNG-YUAN LAI* and JING-GUNG CHUNG* (2012, Apr). Induction of DNA damage by deguelin is mediated through reducing DNA repair genes in human non-small cell lung cancer NCI-H460 cells. ONCOLOGY REPORTS, 27(4): 959-964, 2012. (SCI, ONCOLOGY; 196; 131; Q3). 彰化基督教醫院: 99-CCH-IRP-08.
9.
Hsu SC, Yu CC, Yang JS, 賴光啟(Lai KC), Wu SH, Lin JJ, Kuo JH, Yang ST, Huang CC, Kuo SC, Chung JG. (2012, Mar). A novel synthetic 2-(3-methoxyphenyl)-6,7-methylenedioxyquinolin-4-one arrests the G2/M phase arrest via Cdc25c and induces apoptosis through caspase- and mitochondria-dependent pathways in TSGH8301 human bladder cancer cells.. INTERNATIONAL JOURNAL OF ONCOLOGY, 2012, 40(3):731-738.. (SCI, ONCOLOGY; 196; 110; Q3). 中國醫藥大學: DMR-100-066.
10.
Jaung-Geng Lin, Ming-Jen Fan, Nou-Ying Tang, Jai-Sing Yang, Te-Chun Hsia, Jen-Jyh Lin, 賴光啟(Kuang-Chi Lai), Rick Sai-Chuan Wu, Chia-Yu Ma, W. Gibson Wood, and Jing-Gung Chung* (2012, Mar). An Extract of Agaricus blazei Murill Administered Orally Promotes Immune Responses in Murine Leukemia BALB/c Mice In Vivo. Integrative Cancer Therapies, 2012 Mar;11(1):29-36.. (SCI, INTEGRATIVE & COMPLEMENTARY MEDICINE; 22; 6; Q2). 中國醫藥大學: CMU-96-073.
11.
賴光啟(Lai K.C.), Hsu S.C., Yang J.S., Kuo C.L., Ip S.W., T.Y., Lin S.Y., Huang C.C., Kuo S.C., Wood W.G., Chung J.G.* (2011, Aug). 2-(3-methoxyphenyl)6,7-methylenedioxyquinolin-4-one (MMEQ), a novel synthetic compound, inhibited migration and invasion in TSGH8301 human bladder cancer cells.. HUMAN & EXPERIMENTAL TOXICOLOGY, 30(8):1045-1052. (SCI, TOXICOLOGY; 83; 59; Q3). 中國醫藥大學: CMU98-asia-10.
12.
CC(Lin)、郭昭麟(Kuo Chao-Lin)、(Lee MH)、賴光啟(Kuang-Chi Lai)、林景彬(Jing-Pin Lin)、楊家欣(Yang Jai-Sing)、游春淑(chun shu yu)、呂啟誠(Lu CC)、江若華(Chiang JH)、(Chueh FS)、鍾景光(Jing-Gung Chung)* (2011, Jul). Wogonin triggers apoptosis in human osteosarcoma U-2 OS cells through the endoplasmic reticulum stress, mitochondrial dysfunction and caspase-3dependent signaling pathways.. INTERNATIONAL JOURNAL OF ONCOLOGY, 39(1):217-224. (SCI, ONCOLOGY; 196; 110; Q3). 衛生署: DOH100-TD-B111-004.
13.
賴光啟(Kuang-Chi Lai)、徐素琴(Shu-Chun Hsu)、郭昭麟(Kuo Chao-Lin)、楊家欣(Yang Jai-Sing)、(Chia-Yu Ma)、呂旭峰(Hsu-Feng Lu)、唐娜櫻(Nou-Ying Tang)、夏德椿(Te-Chun Hsia)、何恆堅(Heng-Chien Ho)*、鍾景光(Jing-Gung Chung)* (2011, Jun). Diallyl sulfide, diallyl disulfide, and diallyl trisulfide inhibit migration and invasion in human colon cancer colo 205 cells through the inhibition of matrix metalloproteinase-2, -7, and -9 expressions. Environmental Toxicology, [Epub ahead of print]. (Accepted). (SCI, WATER RESOURCES; 78; 8; Q1). NSC 95-2320-B-039-303-MY2.
14.
Ho C.C., 賴光啟(Lai K.C.), Hsu S.C., Kuo C.L., Ma C.Y., Lin M.L., Yang J.S., Chung J.G.* (2011, Apr). Benzyl isothiocyanate (BITC) inhibits migration and invasion of human gastric cancer AGS cells via suppressing ERK signal pathways.. Human & Experimental Toxicology, 30(4):296-306. (SCI, TOXICOLOGY; 83; 59; Q3). 中國醫藥大學: CMU96-047.
- 15.

呂旭峰(HSU-FENG LU)、(YUAN-LIANG CHEN)、楊家欣(Yang Jai-Sing)、(YI-YUAN YANG)、(JIA-YOU LIU)、徐素琴(SHU-CHUN HSU)、賴光啟(Kuang-Chi Lai)、鍾景光(Jing-Gung Chung)* (2010, Dec). Antitumor activity of capsaicin on human colon cancer cells in vitro and colo 205 tumor xenografts in vivo. JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, 58(24):12999-13005. (SCI, AGRICULTURE, MULTIDISCIPLINARY; 57; 3; Q1). 中國醫藥大學: CMU98-asia-10.

16.

(JEHN-HWA KUO)、朱永麟(YUNG-LIN CHU)、楊家欣(Yang Jai-Sing)、林景彬(Jing-Pin Lin)、賴光啟(Kuang-Chi Lai)、郭秀滿、夏德椿(Te-Chun Hsia)、鍾景光(Jing-Gung Chung)* (2010, Nov). Cantharidin induces apoptosis in human bladder cancer TSGH8301 cells through mitochondria-dependent signal pathways. INTERNATIONAL JOURNAL OF ONCOLOGY, 37(5):1243-1250. (SCI, ONCOLOGY; 196; 110; Q3).

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賴光啟(Lai K.C.), Chiu Y.J., Tang Y.J., Lin K.L., Chaing J.H., Jiang Y.L., Jen H.F., Kuo Y.H., Agamaya S., Yang J.S., Chung J.G.* (2010, Sep). Houittuyinia cordata Thunb Extract Inhibits Cell Growth and Induces Apoptosis in Human Primary Colorectal Cancer Cells.. Anticancer Research, 30: 3549-3556. (SCI, ONCOLOGY; 196; 136; Q3). NSC 097-2320-B-039-004-MY3.

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賴光啟(Lai K.C.), Hsu S.C., Kuo C.L., Ip S.W., Hsu Y.M., Huang H.Y., Wu S.H., Chung J.G.* (2010, Sep). Phenethyl isothiocyanate (PEITC) inhibited tumor migration and invasion via suppressing multiple signal transduction pathways in human colon cancer HT29 cells.. Journal of Agricultural and Food Chemistry, 58, 11148–11155. (SCI, AGRICULTURE, MULTIDISCIPLINARY; 57; 3; Q1).

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Yang M.D., 賴光啟(Lai K.C.), Lai T.Y., Hsu S.C., Kuo C.L., Yu C.S., Lin M.L.9, Yang J.S., Kuo H.M., Wu S.H. and Chung J.G.* (2010, Jun). Phenethyl Isothiocyanate Inhibits Migration and Invasion of Human Gastric Cancer AGS Cells through Suppressing MAPK and NF- κ B Signal Pathways.. Anticancer Research, 30(6): 2135-2143. (SCI, ONCOLOGY; 196; 136; Q3). 中國醫藥大學: cmu97-276.

20.

賴光啟(Lai K.C.), Huang A.C., Hsu S.C., Kuo C.L., Yang J.S., Wu S.H. and Chung J.G.* (2010, Mar). Benzyl Isothiocyanate (BITC) Inhibits Migration and Invasion of Human Colon Cancer HT29 Cells by Inhibiting Matrix Metalloproteinase-2/-9 and Urokinase Plasminogen (uPA) through PKC and MAPK Signaling Pathway. . JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, 58(5):2935-2942.. (SCI, AGRICULTURE, MULTIDISCIPLINARY; 57; 3; Q1). 中國醫藥大學: CMU95-075.

21.

Su C.C., Yang J.S., Lu C.C., Chiang J.H., Wu C.L., Lin J.J., 賴光啟(Lai K.C.), Hsia T.C., Lu H.F., Fan M.J. and Chung J.G.* (2010, Feb). Curcumin inhibits human lung large cell carcinoma cancer tumour growth in a murine xenograft model.. Phytotherapy Research, 24(2):189-192.. (SCI, PHARMACOLOGY & PHARMACY; 261; 135; Q3). NSC 95-2745-B-039-002-URD.

22.

游春淑(chun shu yu)、賴光啟(Kuang-Chi Lai)、楊家欣(Yang Jai-Sing)、(J0-Hua Chiang)、(Chi-Cheng Lu)、(Chang-Lin Wu)、林景彬(Jing-Pin Lin)、(Ching-Lung Liao)、唐娜櫻(Nou-Ying Tang)、(W. Gibson Wood)、鍾景光(Jing-Gung Chung)* (2010, Feb). Quercetin Inhibited Murine Leukemia WEHI-3 Cells In Vivo and Promoted Immune Response. PHYTOTHERAPY RESEARCH, 24(2):163-168. (SCI, PHARMACOLOGY & PHARMACY; 261; 135; Q3). 中國醫藥大學: CMU95-330.

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賴光啟(Kuang-Chi Lai)、Wei-Yong Lin、Kee-Ming Man、ChouHaungTsai、Huey-Yi Chen、Fuu-Jen Tsai、Fun-jou Chen、Hsin-YiChen、Hsin-Ping Liu、Tsun-Jung Ho、Po-Hsun Huang、Po-LenLiu、Feng-Yen Lin、Jui-Lung Shen、Jung-Tung Liu、Yung-Hsiang Chen*,Chen, Wen-Chi* (2010, Feb). The association of interleukin-18 gene polymorphisms in patients with calcium oxalate kidney stone disease. SCANDINAVIAN JOURNAL OF UROLOGY AND NEPHROLOGY, 44(1):20-26. (SCI).

24.

Tang Y.J., Jen H.F., Lin W.Y., Chen Y.H., Chen W.C., Tsai F.J., 賴光啟(Lai K.C.)* (2010). Interleukin-18 Gene Polymorphisms are Associated with Colorectal Cancer Risks.. Hepato-Gastroenterology. (Accepted). (SCI, SURGERY; 199; 160; Q4). 中國醫藥大學: CMUBH R990007.

25.

林松水(Song-Shei Lin)、賴光啟(Kuang-Chi Lai)、徐素琴(Shu-Chun Hsu)、楊家欣(Yang Jai-Sing)、郭昭麟(Kuo Chao-Lin)、林景彬(Jing-Pin Lin)、(Yi-Shih Ma)、(Chih-Chung Wu)、鍾景光(Jing-Gung Chung)* (2009, Nov). Curcumin inhibits the migration and invasion of human A549 lung cancer cells through the inhibition of matrix

metalloproteinase-2 and -9 and Vascular Endothelial Growth Factor (VEGF). CANCER LETTERS, 2009.11;285(1) : 127-133. (SCI, ONCOLOGY; 196; 43; Q1). NSC 95-2745-B-039-002-URD.

26.

唐憶淨(Yih-Jing Tang)、楊家欣(Yang Jai-Sing)、林錦芬(Lin, Chin-Fen)、徐偉成(Woei-Cherng Shyu)、(Minoru Tsuzuki)、(Chi-Cheng Lu)、陳玉芳(Yuh-Fung Chen)*、賴光啟(Kuang-Chi Lai)*(2009, Nov). Houttuynia cordata Thunb extract induces apoptosis through mitochondrial-dependent pathway in HT-29 human colon adenocarcinoma cells. ONCOLOGY REPORTS, 2009.11;22(5) : 1051-1056. (SCI, ONCOLOGY; 196; 131; Q3). 中國醫藥大學: CMU95-PH012.

27.

何永鑽(Ho YT)、楊家欣(Yang Jai-Sing)、呂啟誠(Lu CC)、江若華(Chiang JH)、李采娟(Tsai-Chung Li)、(Jen-Jyh Lin)、賴光啟(Kuang-Chi Lai)、廖慶隆(Liao CL)、林昭庚(Jaung-Geng Lin)、鍾景光(Jing-Gung Chung)*(2009, Sep). Berberine inhibits human tongue squamous carcinoma cancer tumor growth in a murine xenograft model. PHYTOMEDICINE, 2009 Sep;16(9):887-90. (SCI, INTEGRATIVE & COMPLEMENTARY MEDICINE; 22; 3; Q1). 中國醫藥大學: CMU96-086.

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呂旭峰(Hsu-Feng Lu)、賴光啟(Kuang-Chi Lai)、徐素琴(Shu-Chun Hsu)、林慧茹(Hui-Ju Lin)、郭昭麟(Kuo Chao-Lin)、廖慶隆(Ching-Lung Liao)、楊家欣(Yang Jai-Sing)、鍾景光(Jing-Gung Chung)*(2009, Sep). Involvement of Matrix Metalloproteinases on the Inhibition of Cells Invasion and Migration by Emodin in Human Neuroblastoma SH-SY5Y Cells. NEUROCHEMICAL RESEARCH, 2009 Sep;34(9):1575-83. (SCI, BIOCHEMISTRY & MOLECULAR BIOLOGY; 290; 185; Q3). 中國醫藥大學: CMU97-086.

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呂旭峰(Hsu-Feng Lu)、楊家欣(Yang Jai-Sing)、賴光啟(Kuang-Chi Lai)、徐素琴(Shu-Chun Hsu)、(Shu-Ching Hsueh)、(Yuan-Liang Chen)、江若華(Jo-Hua Chiang)、呂啟誠(Chi-Cheng Lu)、羅琦(Lo, Chyi)、楊美都(Mei-Due Yang)、鍾景光(Jing-Gung Chung)*(2009, Aug). Curcumin-Induced DNA Damage and Inhibited DNA Repair Genes Expressions in Mouse-Rat Hybrid Retina Ganglion cell (N18) . NEUROCHEMICAL RESEARCH, 2009 Aug;34(8):1491-7. (SCI, BIOCHEMISTRY & MOLECULAR BIOLOGY; 290; 185; Q3). NSC 95-2745B-039-002-URD.

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(AN-CHENG HUANG)、(SHU-CHUN HSU)、郭昭麟(Kuo Chao-Lin)、(CHING-LUNG LIAO)、賴光啟(Kuang-Chi Lai)、林宗平、(SHIN-HWAR WU)、(HSU-FENG LU)、唐娜櫻(Nou-Ying Tang)、楊家欣(Yang Jai-Sing)、鍾景光(Jing-Gung Chung)*(2009, Jul). Involvement of Matrix Metalloproteinases in the Inhibition of Cell Invasion and Migration Through the Inhibition of NF-KB by the New Synthesized Ethyl 2-[N-p-chlorobenzyl-(2'-methyl)] anilino-4-oxo-4,5dihydrofuran-3-carboxylate(JOTO1007) in Human Cervical Cancer Ca Ski cells.. IN VIVO, 2009.07;23(4) : 613-620. (SCI, MEDICINE, RESEARCH & EXPERIMENTAL; 112; 76; Q3). 中國醫藥大學: CMU95-327.

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呂旭峰(Lu HF)、賴光啟(Kuang-Chi Lai)、徐素琴(Hsu SC)、林慧茹(Hui-Ju Lin)、楊美都(Mei-Due Yang)、(Chen YL)、范宗宸(Fan MJ)、楊家欣(Yang JaiSing)、(Cheng PY)、郭昭麟(Kuo Chao-Lin)、鍾景光(Jing-Gung Chung)*(2009, Jul). Curcumin induces apoptosis through FAS and FADD, in caspase-3 dependent and -independent pathways in the N18 mouse-rat hybrid retina ganglion cells. ONCOLOGY REPORTS, 2009.Jul;22(1) : 97-104. (SCI, ONCOLOGY; 196; 131; Q3). 中國醫藥大學: CMU97-087.

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Hsu SC, Yang JS, Kuo CL, Lo Chyi, Lin JP, Hsia TC, Lin JJ, 賴光啟(Lai K.C.), Kuo HM, Huang LJ, Kuo SC, Wood WG, Chung JG*(2009, Jun). Novel quinolone CHM-1 induces apoptosis and inhibits metastasis in a human osteogenic sarcoma cell line.. Journal of Orthopaedic Research, 27(12):163744.. (SCI, ORTHOPEDICS; 65; 9; Q1). 中國醫藥大學: CMU96-047.

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陳亭靜(Chen TC)、賴光啟(Kuang-Chi Lai)、楊家欣(Yang Jai-Sing)、(Liao CL)、(Hsia TC)、(Chen GW)、(Lin JJ)、(Lin HJ)、(Chiu TH)、(Tang YJ)、鍾景光(Jing-Gung Chung)*(2009, Jun). Involvement of reactive oxygen species and caspase dependent pathway in berberine-induced cell cycle arrest and apoptosis in C6 rat glioma cells. INTERNATIONAL JOURNAL OF ONCOLOGY, 2009.06;34(6): 1681-1690. (SCI, ONCOLOGY; 196; 110; Q3).

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吳玢玢、郭盛助(Sheng-Chu Kuo)、黃雯雯(Wenwen Huang)、楊家欣(Yang JaiSing)、賴光啟(Kuang-Chi Lai)、陳慧婕(Hui-Jye Chen)、(Kuei-Li Lin)、黃麗嬌(Li-Jiau Huang)、鍾景光(Jing-Gung Chung)*(2009, Apr). (-)-Epigallocatechin Gallate Induced Apoptosis in Human Adrenal Cancer NCI-H295 Cells through Caspase-dependent

and Caspase-independent Pathway. ANTICANCER RESEARCH, 2009.04;29(4) : 1435-1442. (SCI, ONCOLOGY; 196; 136; Q3). 中國醫藥大學: CMU96-141.

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WAN-WEN LAI, JAI-SING YANG, 賴光啟(Kuang-Chi LAI), CHAO-LIN KUO, CHENG-KUANG HSU, CHIEN-KUO WANG, JING-GUNG CHUNG* (2009, Mar). Rhein Induced Apoptosis through the Endoplasmic Reticulum Stress, Caspase- and Mitochondria-dependent Pathways in SCC-4 Human Tongue Squamous Cancer Cells. *in vivo*, 23(2): 309-316. (SCI, MEDICINE, RESEARCH & EXPERIMENTAL; 112; 76; Q3).

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SHIUAN-CHIH CHEN, YUAN-TI LEE, CHI-HUA YEN, 賴光啟(Kuang-Chi LAI), LONG-BIN JENG, DING-BANG LIN, PO-HUI WANG, CHUN-CHIE (2009, Feb). Pyogenic liver abscess in the elderly: clinical features, outcomes and prognostic factors. *Age and Ageing*, 38(3): 271–276. (SCI, GERIATRICS & GERONTOLOGY; 45; 13; Q2).

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何永鑽(Ho YT)、楊家欣(Yang Jai-Sing)、(Li TC)、(Lin JJ)、林昭庚(Jaung-Geng Lin)*、賴光啟(Kuang-Chi Lai)、(Ma CY)、(Wood WG)、鍾景光(Jing-Gung Chung)*. (2009, Jan). Berberine suppresses in vitro migration and invasion of human SCC-4 tongue squamous cancer cells through the inhibitions of FAK, IKK, NF-kappaB, u-PA and MMP-2 and -9.. *CANCER LETTERS*, 279(2):155162. (SCI, ONCOLOGY; 196; 43; Q1).

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夏德椿(Te-Chun Hsia)、楊家欣(Yang Jai-Sing)、陳光偉、邱燦宏(Tsan-Hung Chiu)、呂旭峰(HSU-FENG LU)、楊美都(Mei-Due Yang)、游富順、劉國慶(KUO-CHING LIU)、賴光啟(Kuang-Chi Lai)、林慶鐘(CHIN-CHUNG LIN)、鍾景光(Jing-Gung Chung)* (2009, Jan). The Roles of Endoplasmic Reticulum Stress and Ca²⁺ on Rhein-induced Apoptosis in A-549 Human Lung Cancer Cells. *ANTICANCER RESEARCH*, 2009, 29(1):309-318. (SCI, ONCOLOGY; 196; 136; Q3). NSC 93-2745-B-039-003-URD.

39.

賴光啟(Kuang-Chi LAI),江宏志,陳汶吉,蔡輔仁,鄭隆賓* (2008, Nov). Artificial Neural Network-Based Study Can Predict Gastric Cancer Staging. *HEPATO-GASTROENTEROLOGY*, 2008, 55(86-87):1859-1863. (SCI, SURGERY; 199; 160; Q4). 中國醫藥大學: DMR-96-044.

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Chou-Huang Tsai, Chein-Chen Lai, 賴光啟(Kuang-Chi LAI), 陳汶吉, 林維勇, 蔡輔仁* (2008, Aug). Mass Spectrometry Studies of 60 kDa Proteins Extracted from Calcium Oxalate Stones.. *Current Urology*, 2008;2:36-43. (其它). NSC 962314-B-039-005.