

# 長庚醫學研究計畫個人資料表

為利本院聯繫及辦理研究申請及審查相關業務之需求，我同意我所提供以下個人資料或其他得以直接或間接識別個人之資料納入研審會「研究人員資料庫」內，以供學術研究業務使用。

## 一、基本資料簽名：

填表日期：2018/01/30			
中文姓名	莊 錦 豪	英文姓名	Chuang Jiin-Haur
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## 二、主要學歷 請填學士級以上之學歷或其他最高學歷均可，若仍在學者，請在學位欄填「肄業」。

畢／肄業學校	國別	主修學門系所	學位	起訖年月(西元年/月)
McGill University	加拿大	Experimental Surgery	碩士	1984 / 05至 1985 / 08
台灣大學	中華民國	醫學系	醫學	1969 / 10至 1976 / 06
				/ 至 /

## 三、現職及與專長相關之經歷 指與研究相關之專任職務，請依任職之時間先後順序由最近者往前追溯。

服務機關	服務部門／系所	職稱	起訖年月(西元年/月)
長庚醫療財團法人		董事	2017/10～
高雄長庚醫院		代理院長	2015/10～2016/06
高雄長庚醫院		副院長	2009/01～2015/09
經歷：			/ 至 /
長庚大學	臨床醫學研究所	副所長	1997/09～2012/02
長庚大學	外科系	教授	2000/08～
高雄長庚醫院	小兒外科	科部主任	1986/01 至 2003/06

## 四、專長 請自行填寫與研究方向有關之專長學門。

1. 小兒外科	2. 粒線體醫學	3. 兒童腫瘤	4. 兒童肝膽疾病
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## 五、研究成果目錄：(一)

- 1.請詳列個人申請截止日前五年內(此段期間曾生產或請育嬰假者，得延長至七年內，曾服國民義務役者，得依實際服役時間予以延長，但應檢附相關證明文件)
- 2.請將所有學術性著作分成四大類：(A)期刊論文(B)研討會論文(C)專書及專書論文(D)技術報告及其他等，並請依各類著作之重要性自行排列先後順序。
- 3.各類著作請按發表時間先後順序填寫。每篇文章請依作者姓名(按原出版之次序，**通訊作者請加註\***)、出版年、月份、題目、期刊名稱(專書出版社)、起訖頁數之順序填寫，被接受刊登尚未正式出版者請附被接受函。
- 4.若期刊是屬國內或國際期刊資料庫(如 SCI、EI、SSCI...等)所收錄者，請於該著作書目後註明資料庫名稱；若著作係經由長庚補助之研究計畫所產生，請於最後填入計畫編號。

### A. 期刊論文

(★represents corresponding author)

1. Chuang JH, Chou MH, Tai MH, Lin TK, Liou CW, Chen TY, Hsu WM, Wang PW. 2-Deoxyglucose treatment complements the cisplatin- or BH3-only mimetic-induced suppression of neuroblastoma cell growth. *Int J Biochem Cell Biol.* 2013;45:944-951.
2. Hsu WM, Huang CC, Wu PY, Lee HY, Huang MC, Tai MH, Chuang JH★. Toll-like receptor 3 expression inhibits cell invasion and migration and predicts a favorable prognosis in neuroblastoma. *Cancer Lett* 2013; 336:338-346.
3. Wang SC, Tsai CH, Hou CP, Lee SY, Ko SF, Hsiao CC, Chen YC, Chuang JH, Sheen JM. Dislodgement of port-A catheters in pediatric oncology patients: 11 years of experience. *World J Surg Oncol.* 2013 Aug 13;11(1):191. [Epub ahead of print]
4. Tiao MM, Liou CW, Huang LT, Wang PW, Lin TK, Chen JB, Chou YM, Huang YH, Lin HY, Chen CL, Chuang JH★. Associations of mitochondrial haplogroups b4 and e with biliary atresia and differential susceptibility to hydrophobic bile Acid. *PLoS Genet.* 2013 Aug;9(8):e1003696. doi: 10.1371/journal.pgen.1003696. Epub 2013 Aug 15.
5. Weng SW, Kuo HM, Chuang JH, Lin TK, Huang HL, Lin HY, Liu CW, Wang PW. Study of insulin resistance in cybrid cells harboring diabetes-susceptible and diabetes-protective mitochondrial haplogroups. *Mitochondrion.* 2013;13:888-97.
6. Tiao MM, Wang FS, Huang LT, Chuang JH, Kuo HC, Yang YL, Huang YH. MicroRNA-29a protects against acute liver injury in a mouse model of obstructive jaundice via inhibition of the extrinsic apoptosis pathway. *Apoptosis.* 2014;19:30-41.
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8. Wang PW, Kuo HM, Huang HT, Chang AY, Weng SW, Tai MH, Chuang JH, Chen IY, Huang SC, Lin TK, Liou CW. Biphasic response of mitochondrial biogenesis to oxidative stress in visceral fat of diet-induced obesity mice. *Antioxid Redox Signal.* 2014;20:2572-88. doi: 10.1089/ars.2013.5334.
9. Lin TK, Chen SD, Chuang YC, Lin HY, Huang CR, Chuang JH, Wang PW, Huang ST, Tiao MM, Chen JB, Liou CW. Resveratrol partially prevents rotenone-induced neurotoxicity in dopaminergic SH-SY5Y Cells through induction of heme oxygenase-1 dependent autophagy. *Int J Mol Sci.* 2014 22;15:1625-46.

10. Huang ST, Bi KW, Kuo HM, Lin TK, Liao PL, Wang PW, Chuang JH, Liou CW. Phyllanthus urinaria induces mitochondrial dysfunction in human osteosarcoma 143B cells associated with modulation of mitochondrial fission/fusion proteins. Mitochondrion. 2014;17:22-33.
11. Lu CC, Kuo HC, Wang FS, Jou MH, Lee KC, Chuang JH★. Upregulation of TLRs and IL-6 as a Marker in Human Colorectal Cancer. Int J Mol Sci. 2014 ;16:159-77.
12. Lin HY, Liou CW, Chen S, Hsu TY, Chuang JH, Wang PW, Huang ST, Tiao MM, Chen JB, Lin TK, Chuang YC. Mitochondrial transfer from Wharton's jelly-derived mesenchymal stem cells to mitochondria-defective cells recaptures impaired mitochondrial function. Mitochondrion. 2015 22:31-44.
13. Jiang JH, Yen SL, Lee SY, Chuang JH★. Differences in the Distribution and Presentation of Bronchogenic Cysts between Adults and Children. J Pediatr Surg 2015 Mar;50(3):399-401.
14. Lee JJ, Wang PW, Yang IH, Wu CL, Chuang JH★. Amyloid-beta mediates the receptor of advanced glycation end product-induced pro-inflammatory response via toll-like receptor 4 signaling pathway in retinal ganglion cell line RGC-5. Int J Biochem Cell Biol. 2015;64:1-10.
15. Yang CH, Hwang CF, Yang MY, Lin PM, Chuang JH★. Expression of toll-like receptor genes in leukocytes of patients with sudden sensorineural hearing loss. Laryngoscope. 2015 Mar 26. doi: 10.1002/lary.25241. [Epub ahead of print]
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  26. Kuo HM, Weng SW, Chang AY, Huang HT, Lin HY, Chuang JH, Lin TK, Liou CW, Tai MH, Lin CY, Wang PW. Altered mitochondrial dynamics and response to insulin in cybrid cells harboring a diabetes-susceptible mitochondrial DNA haplogroup. *Free Radic Biol Med.* 2016 Apr 20;96:116-129. doi: 10.1016/j.freeradbiomed.2016.04.019. [Epub ahead of print]
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  28. Hsu CN, Lee CT, Su CH, Wang YC, Chen HL, Chuang JH, Tain YL. Incidence, Outcomes, and Risk Factors of Community-Acquired and Hospital-Acquired Acute Kidney Injury: A Retrospective Cohort Study. *Medicine (Baltimore).* 2016 May;95(19):e3674. doi: 10.1097/MD.00000000000003674.
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33. Hu WH, Chen HH, Yen SL, Huang HY, Hsiao CC, Chuang JH★. Increased expression of interleukin-23 associated with progression of colorectal cancer. J Surg Oncol. 2017 Feb;115(2):208-212.
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36. Kuo CW, Tsai MH, Lin TK, Tiao MM, Wang PW, Chuang JH, Chen SD, Liou CW. mtDNA as a Mediator for Expression of Hypoxia-Inducible Factor 1 $\alpha$  and ROS in Hypoxic Neuroblastoma Cells. Int J Mol Sci. 2017 Jun 7;18(6).
37. Chuang YC, Liou CW, Chen SD, Wang PW, Chuang JH, Tiao MM, Hsu TY, Lin HY, Lin TK. Mitochondrial Transfer from Wharton's Jelly Mesenchymal Stem Cell to MERRF Cybrid Reduces Oxidative Stress and Improves Mitochondrial Bioenergetics. Oxid Med Cell Longev. 2017;2017:5691215.

## B. 研討會論文

1. Chuang JH, Hsu WM, Tai MH. Complementary roles of Toll-like receptor 3 agonists in the treatment of neuroblastoma. First Japan-Taiwan Symposium on Neuroblastoma, Yokohama, Japan, October 1-3, 2013.
2. Chuang JH, Hsu WM, Huang CC, Tai MH. Cytosolic melanoma differentiation-associated gene 5 functions to complement Toll-like receptor 3 agonist-induced neuroblastoma cell apoptosis. Advances in Neuroblastoma Research, Cologne, Germany, May 13-16, 2014.
3. Chuang JH, Lin LL, Huang CC, Hsu WM. Innate immune-mediated suppression of neuroblastoma growth and invasiveness-review of 10-year experience. 7<sup>th</sup> biannual meeting of Cross Strait Symposium on Pediatric Oncology, Hangzhou, China, November 02-6, 2016.