

個人資料

姓 名：劉君恕	性別：男	出生日期：May 9, 1965
單 位：外科部小兒外科	職 稱：科主任/教授	電 話：(02)28757484
住 址：北市北投區石牌路二段 201 號中正樓 10 樓		
學歷（學校名稱、主修系科、學位、起訖年月） 國立陽明醫學院醫學系醫學士(September 1983—June 1990) 國立陽明大學臨床醫學研究所博士(September 1996-July 2001)		
經歷（服務機構、部門、職稱、起訖年月） 臺北榮民總醫院實習醫師 (July 1988—June 1990) 臺北榮民總醫院外科住院醫師 (Oct 1990—June 1994) 臺北榮民總醫院外科住院總醫師 (July 1994—June 1996) 臺北榮民總醫院外科主治醫師 (July 1996 起) 臺北榮民總醫院外科兒童外科科主任 (May.1 2015—July 15 2020) 臺北榮民總醫院外科移植外科科主任 (July.16 2020 起) 臺北榮民總醫院手術室主任 (July.16 2018 起) 國立陽明大學外科學系部定助教 (Oct 1990-June 1998) 國立陽明大學外科學系部定講師(July 1998 起) 國立陽明大學外科學系部定副教授 (Aug 2002 起) 國立陽明大學外科學系部定教授 (Aug 2011 起) 國立陽明大學醫學系教師評審委員會科評委員 (Aug.1 2016 ~ Jul.31 2020) 日本國立京都大學附屬病院移植及免疫部門進修活體肝臟移植半年 (April 2003-Sep 2003) 台灣小兒外科醫學會監事 (Sep 2010-Oct 2012) 台灣小兒外科醫學會秘書長 (Sep 2012-Oct 2014) 台灣小兒外科醫學會理事 (Oct 2014-Sep 2020) 台灣移植醫學會監事 (Nov.09 2008 – Nov. 08 2011) 台灣移植醫學會理事 (Nov.09 2014 – Nov. 08 2020) 國際活體肝臟移植研究組織執行委員會委員 international living donor liver transplantation study group (2020-2022) 臺北榮民總醫院員工消費合作社監事 (第二十九屆) 臺北榮民總醫院健保小組委員 (2020...		
專長： 1. 兒童外科 2. 消化外科 3. 肝臟移植		
主持之研究計畫（近年內主持計畫之名稱、補助機構、起訖年月） 1. 探討利用 endo-GIA 吻合器吻合靜脈可行性之動物實驗 (台北榮總專題研究 C 型計畫, Jan 2005 — Dec 2005)		

2. 建立大白鼠肝臟移植模式,併研究不同黏稠度之器官保存液對於肝內及肝外膽管之影響 (台北榮總專題研究 C 型計劃, Jan 2005 — Dec 2005)
3. 局部感染是否能使同種肝移植減少發生機率或降低強度? (台北榮總免疫移植專題研究 S5 型計劃, Jan 2005 — Dec 2005)
4. 利用顯微血管吻合系統(Microvascular Anastomotic Coupler System)在活體肝移植手術中吻合肝動脈之動物實驗 (台北榮總專題研究 S22 型計劃, Jan 2006 — Dec 2006)
5. 在肝臟移植時其再灌注傷害(reperfusion injury)對於肝臟粒線體之去氧核糖核酸(DNA)之影響 (台北榮總專題研究 S5 型計劃, Jan 2006 — Dec 2006)
6. 於活體肝移植手術中--使用不同方式灌注 HTK 保存液之人體試驗【第一年】 (台北榮總專題研究 S22 型計劃, Jan 2007 — Dec 2007)
7. 利用高蛋白質及碳水化合物食物快速增重對於肝臟重量及品質影響之研究(台北榮總專題研究 C 型計劃, Jan 2007 — Dec 2007)
8. 於活體肝移植手術中--使用不同方式灌注 HTK 保存液之人體試驗【第二年】 (台北榮總專題研究 S22 型計劃, Jan 2008 — Dec 2008)
9. 以大白鼠肝細胞粒線體電子傳遞鏈酵素複合物之定量活性的變化評估研究缺血事先訓練(Ischemic Preconditioning)對肝缺血之影響 (台北榮總專題研究 C 型計劃, Jan 2008 — Dec 2008)
10. 於活體肝移植手術中--使用不同方式灌注 HTK 保存液之人體試驗【第三年】 (台北榮總專題研究 S22 型計劃, Jan 2009 — Dec 2009)
11. 以大鼠肝細胞 Heparin-Binding Epidermal Growth Factor-Like Growth Factor 及 Amphiregulin 變化研究缺血事先訓練對肝缺血之影響 (台北榮總專題研究 C 型計劃, Jan 2009 — Dec 2009)
12. 肝移植下腔靜脈邊對邊吻合時血流之調節研究-動物實驗 (台北榮總專題研究 S22 型計劃, Jan 2010 — Dec 2010)
13. 大白鼠肝臟缺血事先訓練所誘發的保護基因 (台北榮總專題研究 C 型計劃, Jan 2010 — Dec 2010)
14. 兒童肝移植病患停止使用 CNI 免疫抑制劑及探討運作忍受性之可能機轉之人體試驗 (台北榮總專題研究 C 型計劃, Jan 2011 — Dec 2011)
15. 探討缺血事先訓練誘發上皮生長因子家族蛋白對肝臟缺血再灌注傷害之影響及其機轉【國科會, Aug 2011 — Jul 2012】
16. 心率變異度與末期肝硬化病患之門靜脈脈壓力關係之研究 (台北榮總專題研究 C 型計劃, Jan 2012 — Dec 2012)
17. 以大白鼠肝內膽管閉鎖合併肝外膽管囊腫與十二指腸吻合之動物模型研究膽道閉鎖接受葛西氏手術後肝纖維化之研究【國科會, Aug 2012 — Jul 2013】
18. 誘導式多能性幹細胞與間葉幹細胞所產生之肝臟細胞對急性肝衰竭之療效比較【衛生署研究計畫, May 2012 — Apr 2013】
19. 大白鼠肝臟缺血再灌注傷害引起 Amphiregulin 上升中 IL6, CXCL12 及 IL17 所扮演角色之探討 (台北榮總專題研究 C 型計劃, Jan 2013 — Dec 2013)

20. 以大白鼠動物模型研究膽道閉鎖接受葛西氏手術後肝纖維化之研究【國科會一般型(個別型)之三年期計畫, Aug 2013 — Jul 2016】
21. 以創新的手術模式誘發大鼠急性肝衰竭並探討間質幹細胞之治療效果及分子機轉(臺北榮總專題研究 C 型計畫, Jan 2014 — Dec 2014)
22. 肝臟移植術中血流測量值是否會影響預後(軍醫局北榮合作, Jun 2014 — Dec 2014)
23. 探討植入肝表現 Foxp3T 細胞是否為肝移植不用免疫抑制藥物的忍受性生物指標(臺北榮總專題研究 C 型計畫, Jan 2015 — Dec 2015)
24. 兒童肝移植後是否產生抗人體白血球抗原之抗體(HLA antibodies)-肝移植忍受性生物指標(臺北榮總專題研究 C 型計畫, Jan 2016 — Dec 2016)
25. 針對『B 型肝炎核心抗體陽性』捐贈者肝內 B 型肝炎病毒檢測以評估受贈者術後產生『新生 B 型肝炎』之風險(臺北榮總專題研究 C 型計畫, Jan 2017 — Dec 2017)
26. 比較不同路徑(門脈與體靜脈)給予間質幹細胞對於大動物急性肝衰竭模式之治療效益(臺北榮總專題研究 C 型計畫-共同主持人, Jan 2017 — Dec 2017)
27. 研究維他命 A, 熊去氧膽酸(URSO)及類固醇經由降低 Alpha-SMA 的表現來緩解大白鼠膽道閉鎖成功葛西氏手術後的肝纖維化機轉【國科會一般型(個別型)計畫, Aug 2017 — Jul 2018】
28. 人類脂肪間質幹細胞治療半乳糖胺誘發豬隻急性肝衰竭療效之探討【科技部一般型(個別型)計畫, Aug 2018 — Jul 2019】
29. 以不同藥物(類固醇、維他命 A、熊去氧膽酸)之不同劑量合併使用降低 alpha-SMA 在大白鼠膽道閉鎖成功葛西氏手術後的表現探討降低葛西手術後肝纖維化的最好方式以利於臨床上的使用(臺北榮總專題研究 C 型計畫-共同主持人, Jan 2019 — Dec 2019)
30. 基質金屬蛋白酶家族(matrix metalloproteinase, MMPs)的抗纖維化功能或是促纖維化功能在大白鼠擬膽道閉鎖及葛西氏手術動物模型的探討【科技部一般型(個別型)計畫, Aug 2019 — Jul 2020】
31. 動物模型下的氣管手術後肉芽增生使用不同吸入性藥物, 對於肉芽組織以及其組織學指標的影響。(臺北榮總專題研究 C 型計畫-共同主持人, Jan 2020 — Dec 2020)

著作

1. **Liu C**, Chin T, *Wei C. Pancreatic tumors in pediatric patients report of two cases. **Journal of Surgical Association, Republic of China**. 1993; 26: 2015-2019.
2. **Liu C**, *Chin T, Wei C. Implantable central venous access devices (subcutaneous ports) in pediatric oncology patients analysis of complications. **Journal of Surgical Association, Republic of China**. 1994; 27: 2166-2170.
3. **Liu C**, Chin T, Fahn H, *Wei C. Histiocytosis x involving thyroid gland: a case report. **Chinese Medical Journal (Taipei)**. 1994; 54: 279-81. (SCI)

4. Chin T, **Liu C**, Wei C. The morphology of the contralateral internal inguinal rings is age-dependent in children with unilateral inguinal hernia. **Journal of Pediatric Surgery**. 1995; 30: 1663-1665. (SCI)
5. **Liu C**, *Chin T, Jan S, Wei C. Intraoperative laparoscopic diagnosis of contralateral patent processus vaginalis in children with unilateral inguinal hernia. **British Journal of Surgery**. 1995; 82: 106-108. (SCI)
6. **Liu C**, Chin T, *Wei C. Successful surgical treatment of bilateral congenital chylothorax: a case report. **Chinese Medical Journal (Taipei)**. 1997; 59: 190-3. (SCI)
7. **Liu C**, Chin T, *Wei C. Intraoperative non-puncture laparoscopic examination of contralateral internal inguinal rings is feasible in children with unilateral hydrocele. **Chinese Medical Journal (Taipei)**. 1998; 61: 188-192. (SCI)
8. Chin T, **Liu C**, Wei C. Testicular volume in taiwanese boys. **Chinese Medical Journal (Taipei)**. 1998; 61: 29-33. (SCI)
9. ***Liu C**, Chin T, Wei C. Value of γ -glutamyl transpeptidase for early diagnosis of biliary atresia. **Chinese Medical Journal (Taipei)**. 1998; 61: 716-720. (SCI)
10. **Liu C**, Chin T, *Wei C. Surgical treatment of vesicoureteral reflux in infants under 3 months of age. **Journal of Pediatric Surgery**. 1998; 33: 1716-1719. (SCI)
11. Chin T, **Liu C**, Wei C. A modified technique to correct primary vesicoureteral reflux in children. **Journal of Pediatric Surgery**. 1999; 34: 1469-1471. (SCI)
12. **Liu C**, Chin T, *Wei C. Contralateral reflux after unilateral ureteral reimplantation-preexistent rather than new-onset reflux. **Journal of Pediatric Surgery**. 1999; 34: 1661-1664. (SCI)
13. ***Liu C**, Chin T, Wei C. Obliterated processus vaginalis diagnosed by intraoperative laparoscopy is unlikely to develop into a clinical hernia. **Chinese Medical Journal (Taipei)**. 2000; 63: 447-451. (SCI)
14. **Liu C**, *Chiu J, Chin T, Wang L, Li A, Chow K, Wei C. Expression of fas ligand on bile

- ductule epithelium in biliary atresia - a poor prognostic factor. **Journal of Pediatric Surgery**. 2000; 35: 1591-1596. (SCI)
15. Chin T, **Liu C**, Wei C. Hypospadias repair using a double onlay preputial flap. **Pediatric Surgery International**. 2001; 17: 496-498. (SCI)
16. **Liu C**, *Chiu J-H, Chin T, Wang L-S, Tai C-H, Li Anna F-Y, Chow K-C, Wei C. Expression of aminopeptidase N in bile canaliculi: a predictor of clinical outcome in biliary atresia and a potential tool to implicate the mechanism of biliary atresia. **Journal of Surgical Research**. 2001; 100: 76-83 (SCI)
17. ***Liu C**, Chin T, Wei C. Impalpable cryptorchidism-a review of 170 testes. **Chinese Medical Journal (Taipei)**. 2002; 65: 63-68. (SCI)
18. ***Liu C**, Chin T, Wei C. Neonatal Duhamel pullthrough. **Chinese Medical Journal (Taipei)**. 2002; 65: 398-402. (SCI)
19. Chin T, **Liu C**, Wei C. A simple modified method to correct buried penis in boys. **Chinese Medical Journal (Taipei)**. 2002; 65: 422-423. (SCI)
20. Yuan H-C, Wu T-C, Liu I-F, **Liu C**. Hepatopulmonary syndrome in a child-case report. **Chinese Medical Journal (Taipei) (Journal of Chinese Medical Association)**. 2003; 66:127-130. (SCI)
21. PhD Thesis: Expression of APN and Fas/Fas ligand in livers of patients with biliary atresia and their relationship with the pathogenesis and prognosis, 2001.
22. Tsai H-L, ***Liu C-S**, Chin T-W, Wei C-F. Hepatoblastoma and hepatocellular carcinoma in children. **Journal of Chinese Medical Association**. 2004;67:83-88. (corresponding author) (SCI)
23. Tsai H-L, ***Liu C**, Chen P-T, Soong W-J, Chang W-G, Chin T, Wei C. The experience of removing Palmaz stent by a rigid bronchoscope. **Journal of Pediatric Surgery**. 2004; 39:1772-1774. (SCI)

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25. ***Liu C-S**, Tsai H-L, Chin T-W, Wei C-F. Surgical treatment of chylothorax caused by cardiothoracic surgery in children. **Journal of Chinese Medical Association**. 2005;68(5):234-236. (SCI)
26. Chin T, Tsai H, **Liu C**, Wei C. Modifications of preputial unfurling to reduce postoperative edema in buried penis. **Journal of Pediatric Urology**. 2005; 1:327-329.
27. Hsieh M-Y, ***Liu C**, Ho S-H, Wung S-H, Chin T, Wei C. A simple device for treating prolapsing loop colostomy. **Journal of Chinese Medical Association**. 2006;69(3):138-139 (corresponding author). (SCI)
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29. Hsieh M-Y, ***Liu C-S**, Chin T-W, Wei C-F. One-stage Fowler-Stephens orchiopexy for intra-abdominal testes. **Formosa Journal of Surgery**. 2006; 39(4):187-191.(corresponding author)
30. Yang C-F, Soong W-J, Jeng M-J, Chen S-J, Lee Y-S, Tsao P-C, Hwang B, Wei C-F, Chin T-W, **Liu C**. Esophageal atresia with tracheoesophageal atresia: ten years of experience in an institute. **Journal of Chinese Medical Association**. 2006; 69(7):317-321. (SCI)
31. ***Liu C**, Tsai H-L, Loong C-C, Hsia C-Y, Chin T, Wei C. ENDO-GIA staplers for side-to-side anastomosis of veins. **European Journal of Vascular and Endovascular Surgery**. 2006; 32: 584-588 (SCI) 【VGH94-371-5】
32. ***Liu C**, Tsai H-L, Chin T, Loong C-C, Hsia C-Y, Wei C. Clamping the supra-celiac aorta can effectively increase the success rate of orthotopic rat liver transplantation by increasing the

- tolerable time of the anhepatic phase. **Journal of Surgical Research**. 2006; 136: 116-119
(SCI) 【VGH94-251】
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- Sporadic Hirschsprung's Disease. **Journal of Chinese Medical Association**. 2008; 71(8):406-410(SCI)
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雜誌編輯及評審

1. Deputy Editor: Chinese Medical Journal (Taipei) (Journal of Chinese Medical Association, Taipei since 2004, SCI): 2001-2003.
2. Editorial Board: Formosan Journal of Surgery: 2008-2010.
3. Members of Publication Committee of Pacific Association of Pediatric Surgeon (a branch of

Journal of Pediatric Surgery, SCI): since 2013.

4. Invited Reviewer in SCI journal: Pediatric Transplantation (SCI), Annals of Transplantation (SCI), Clinical Biochemistry (SCI), Asian Journal of Surgery (SCI), Journal of Chinese Medical Association (SCI).
5. Editor Board of Asia Journal of Surgery (SCI) since 2014.
6. 臺北榮總 臨床研究室管理委員(104.8.4~106.7.31) 研究委員會委員(106.1.1~109.12.31)