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所有發表期刊論文及演講報告

1. Chu, Da-Chang, L. Boots and R. Davis. Determination of Critical Values for Triple Test Screening for Down Syndrome. J. Ala. Acad. Sci. 63:132, 1992.
2. Chu, Da-Chang, L. Boots. The prospective determination of triple test prenatal screening criteria in a mixed race population at UAB. Presented in Southeastern Genetics Group Meeting, July 9-11, 1992.
3. Boots, L.R., Da-Chang Chu and S.C. Bishop. A study of three Fetoplacental markers in relation to race, maternal age, and weight and estimating Down Syndrome. Presented at the Alabama Academy of Science meeting, 1993.
4. Chu, Da Chang and L.R. Boots. Human insulin-like growth factor and binding protein levels in maternal serum and amniotic fluid during the second trimester. Presented at the Alabama Academy of Science meeting, 1994.
5. D.C. Chu, and L.R. Boots. Insulin-like growth factor-I and its binding proteins in second trimester maternal serum and amniotic fluid. Presented in American College of Medical Genetics second annual meeting, March 6-9, 1995.
6. D.C. Chu, and L.R. Boots. Retrospective study of insulin-like growth factor- and its binding proteins in second trimester maternal serum and amniotic fluid. Presented at the Alabama Academy of Science meeting, 1995.
7. D.C. Chu, and L.R. Boots. Retrospective study of maternal serum insulin-like growth factor- I (IGF-I) and its binding proteins (IGFBP-1 and IGFBP-3) in various complicated pregnancies in the second trimester. Presented in the 45th annual meeting of American society of human genetics. (Minneapolis) Oct. 24-28, 1995.
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9. D.C. Chu, N. Heard, and L.R. Boots. Use of maternal serum markers to detect fetal complications in the second trimester. Presented in the 3rd annual meeting of American College of Medical Genetics (San Antonio) Mar. 9-11, 1996.
10. Larry R. Boots and D. C. Chu. Biochemical markers for prenatal screening. Presented at the Alabama Academy of Science meeting, 1996.
11. Owen J, Wenstrom KD, Boots L, Hsu J, Chu D. C. Optimizing the multiple marker screening test for fetal Down syndrome using a pentavariate Gaussian algorithm. Presented at Society of perinatal obstetricians 1997 annual meeting.

12. K.D. Wenstrom, J. Owen, D.C. Chu, L. Boots. Alphafetoprotein (AFP), free beta human chorionic gonadotropin (F hCG), and dimeric inhibin-A (IH-A) produce the best results in a three-analyte multiple marker screening test for fetal Down syndrome. Presented at Society of perinatal obstetricians 1997 annual meeting.
13. K.D. Wenstrom, J. Owen, D.C. Chu, L. Boots. Elevated second trimester dimeric inhibin A levels identify Down syndrome pregnancies. Presented at Society of perinatal obstetricians 1997 annual meeting.
14. K.D. Wenstrom, J. Owen, D.C. Chu, L. Boots. Free beta hCG subunit versus intact hCG in the multiple marker screening test for fetal Down syndrome. Presented at Society of perinatal obstetricians 1997 annual meeting.
15. Chu DC, and LR Boots. Preliminary studies demonstrated that inhibin-A dimer is useful in prenatal screening for Down syndrome. Presented in American Society of Human Genetics 46th annual meeting, San Francisco, CA. Oct. 28 -Nov. 2, 1996.
16. Chu DC, Hsu C, Boots LR, and Wenstrom KD. Maternal serum AFP, IGFBP-3, and maternal age can be used in screening for adverse pregnancies. Presented in American Society of Human Genetics 47th annual meeting, Baltimore, MD. Oct. 28 -Nov. 2, 1997.
17. Boots LR, Chu DC, Wenstrom KD, Griffin, M, Dubard MB, and Cospers P. Is the multiple marker maternal serum screening test useful in detecting chromosomal aberrations other than trisomies? Presented in American Society of Human Genetics 47th annual meeting, Baltimore, MD. Oct. 28 -Nov. 2, 1997.
18. K.D. Wenstrom, D.C. Chu, J. Owen. MSAFP, free beta hCG, and dimeric inhibin A detect aneuploidies other than Down syndrome. Presented at Society of perinatal obstetricians 1998 annual meeting.
19. Chu DC, Boots LR, Cospers P, Chiu DTY, Wu TL, Tsao KC, Sun CF. Short Tandem Repeats Polymorphism Is Useful in Diagnosis of Trisomy 21. Presented in American Society of Human Genetics 49th annual meeting, San Francisco, CA. Oct. 19 - 23, 1999.
20. Chien Hong Lee, Da-Chang Chu, Ming De Lo, Jeng Sheng Chou, Ding Ping Chen, Nan Chang Lai, and Chien Feng Sun. A new allele of H-gene mutation for parabombay phenotype. The 10th regional congress of the international Society of Blood Transfusion Western Pacific Region. Taipei, Taiwan. Nov. 12-14, 1999.
21. Da-Chang Chu, Cheng-Keng Chuang, Jin-Bao Fu, Hsian-Hsiang Huang, Chien-Feng Sun. Hypermethylation in the 5' region of the GSTP1 gene is a potential diagnostic index for prostate carcinoma. Presented in American Society of Human Genetics 50th annual meeting, Philadelphia, PA. Oct. 3 - 7, 2000.

22. 許玉妃, 黎蕾, 黃蘭心, 陳昱彰, 朱大成, 林素娟。利用 SSP-PCR 方法輔助 AB 亞孟買血型 (OABHm) 鑑定: 案例報告。Presented in 2000 年中華民國輸血協會年會。
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27. 張舜智, 顧金梁, 陳俊凱, 鄭博仁, 朱大成, 劉育宏, 劉瑞德, 宋永魁。Incorporation of molecular diagnosis into conventional cytogenetics. (2002) 中華民國婦產科醫學會九十一年度擴大學術研討會。
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33. 黎蕾、林碧香、林素娟、陳杰明、朱大成 利 amplification created restriction site 方法去偵測 ABO 血型之 Bel 亞型。中華民國醫檢學會,2003

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38. Mu-I Huang, Da-Chang Chu. Investigation of TSC genes mutation spectrum in tuberous sclerosis families in Taiwan. Presented in European congress of human genetics, Amsterdam, Netherlands, May 6-9, 2006.

39. Shih-Feng Chen, Da-Chang Chu. Reduced Drg-1 expression in prostate cancer cells Accepted for presentation in the 11th International Congress of Human Genetics, Brisbane, Australia. August 6-10, 2006.

40. Da-Chang Chu, Mu-I Huang, Ju-Li Lin, Chuang-Yu Wang, Chia-Wei Hou. Molecular characterization of TSC patients in Taiwan. Presented in the 57th annual meeting of American Society of Human Genetics. San Diego, CA, Oct 23-27, 2007.

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Presented in 2008 European Conference of Human Genetics, Barcelona, Spain, May 31-Jun 3, 2008.

42. Chu DC, Liou JD. Prenatal molecular diagnosis of Down syndrome: a comparison between molecular and traditional karyotyping. 12th international Congress of Human Genetics and American Society of Human Genetics 61st Annual Meeting. Montreal, Canada. October. 11-15, 2011.

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Oral presentation

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2. Da-Chang Chu, Chien Feng Sun, Ming De Lo, Chien Hong Lee, Jeng Sheng Chou, Ding Ping Chen, and Nan Chang Lai. Multiplex PCR amplification in detection of H-gene mutations. The 10th regional congress of the international Society of Blood Transfusion Western Pacific Region. Taipei, Taiwan. Nov. 13, 1999. (In English)
3. Da-Chang Chu, Chien-Hong Lee, Bo-Ren, Cheng, Shuenn-Dyh Chang, Daniel TY Chiu, and Chien-Feng Sun. Prenatal diagnosis of thalassemia. Symposium of reproductive medicine, The Chinese Society of Clinical Biochemistry. Taipei, Taiwan. Jan 15th, 2000.
4. Da-Chang Chu, Molecular diagnosis of thalassemia in Taiwan. 中華民國週產期醫學會細胞及分子產前遺傳檢驗研討會 Taipei, Taiwan, Nov 3 2001.
5. Da-Chang Chu, Workshop of real-time quantitative PCR techniques (co-organizer and speaker) Tao-Yuan, Jul 21st, 2002.
6. Da-Chang Chu, Quality assurance in Molecular diagnosis. 中華民國週產期醫學會細胞及分子產前遺傳檢驗研討會 Taipei, Taiwan, Sep 29, 2002.
7. Da-Chang Chu, The use of real-time PCR technology to detect hypermethylation of the CpG islands in the promoter region flanking GSTP1 gene to diagnose prostate carcinoma. Terry Fox cancer research Symposium, Taipei, Taiwan. Oct 19, 2002. (In English)
8. Da-Chang Chu, Real-time PCR: Principles and clinical applications. National

Health Research Institute (NHRI), Division of cancer research, Taipei, Aug 27, 2003.

9. Da-Chang Chu, Principle and application of real-time PCR: SNP analysis. Symposium and workshop of genetic disorder and molecular diagnosis. (Organizer) Tao-Yuan, Taiwan, Oct 4-5, 2003.

10. Da-Chang Chu, The use of real-time quantitative PCR to detect prostate specific membrane antigen mRNA in patients with prostate carcinoma, CNAPS III, Santa Monica, CA, USA, Nov. 9-12, 2003. (In English)

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12. Chuang CK, Chu DC, Chen SF, Feng SC, Chou CC, Liao SK. Differences of Differentiation Related Gene-1 (Drg-1) Expressions in the Prostate Cancers of the Mouse TRAMP Model and Patients. Taiwan Surgical Association annual meeting, March 26-27, 2005.

13. Da-Chang Chu, Chien-Hong Lee, Bo-Ren, Cheng, Shuenn-Dyh Chang, Daniel TY Chiu, and Chien-Feng Sun. Molecular diagnosis of thalassemia. Invited seminar at Chung-Shan Medical University, Taichuang, Taiwan. Apr 6th, 2005.

14. Da-Chang Chu. Hypermethylation and breast cancer. 中華民國乳房醫學會北部地區第一次乳癌學術研討會，Taipei, Taiwan. Mar 4th, 2006.

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16. Da-Chang Chu, 甲基化於癌症診斷之應用與發展。2008 醫檢新知學術研討會：癌症預防醫療檢驗現況與發展，元培科技大學，Jun 6, 2008.

17. Da-Chang Chu, 甲型海洋性貧血的分子診斷。臨床血液學分子診斷研習會，台灣醫事檢驗學會，Aug 29, 2009.

18. Da-Chang Chu, Methylation and prostate cancer，泌尿科北區研討會，Taipei, Taiwan，Mar 13, 2010。

19. Da-Chang Chu, DNA methylation and prostate cancer. The 10th Asian Congress of Urology, Taipei, Taiwan, Aug 30, 2010.

20. Da-Chang Chu, Molecular diagnosis of tuberous sclerosis. The academic meeting of Department of OB/GYN, Chang Gung Memorial Hospital, Lin-Kou, Taiwan, Nov 25, 2011.

21. Da-Chang Chu, Molecular diagnosis of tuberous sclerosis: from lab bench to clinical practice. Invited speech of Department of Laboratory Medicine, National Young-Ming University Hospital, Yi-Lan, Taiwan, Dec 28, 2012