

**Dr. Mei-Hwei Chang-Representative Publications**

**2017-3-1**

1. Hsu HY, Chang MH\*, Hsieh KH, Lee CY, Li HH, Hwang LH, Chen PJ, Chen DS. Cellular immune response to hepatitis B core antigen in mother-to-infant transmission of hepatitis B virus. *Hepatology* 1992;15:770-6. (times cited :76)
2. Chen HL, Chang MH\*, Ni YH, Hsu HY, Lee PI, Chen DS. Seroepidemiology of hepatitis B virus infection in children : Ten years of mass vaccination in Taiwan. *JAMA* 1996;276:906-8. (times cited :236)
3. Chang MH\*, Chen CJ, Lai MS, Hsu HM, Wu TC, Kong MS, Liang DC, Shau WY, Chen DS. Universal hepatitis B vaccination in Taiwan and the incidence of hepatocellular carcinoma in children. *N Engl J Med* 1997;336:1855-9. (times cited :1073)
4. Hsu HY, Chang MH\*, Liaw SH, Ni YH, Chen HL. Changes of hepatitis B surface variants in carrier children before and after universal vaccination in Taiwan . *Hepatology* 1999; 30: 1312-7. (times cited :169)
5. Chang MH\*, Shau WY, Chen CJ, Wu TC, Kong MS, Liang DC, Hsu HM, Chen HL, Hsu HY, Chen DS. Hepatitis B vaccination and hepatocellular carcinoma rates in boys and girls. *JAMA* 2000; 284: 3040-2. (times cited : 130)
6. Ni YH, Chang MH\*, Huang LM, Chen HL, Hsu HY, Chiu TY, Tsai KS, Chen DS. Hepatitis B virus infection in children and adolescents in a hyperendemic area : 15 years after mass hepatitis B vaccination. *Ann Intern Med* 2001;135:796-800.(times cited : 222)
7. Ni YH, Chang MH\*, Wang KJ, Hsu HY, Chen HL, Kao JH, Tsai KS, Chen DS. Clinical relevance of hepatitis B virus genotype in children with chronic infection and hepatocellular carcinoma. *Gastroenterology* 2004; 127:1733- 8. (times cited : 102)
8. Hsu HY, Chang MH\*, Ni YH, Chen HL. Survey of hepatitis B surface variant infection in children 15 years after a nationwide vaccination program in Taiwan. *Gut* 2004; 53: 199-503. (times cited : 101).
9. Hsiao CH, Chang MH\*, Chen HL, Lee HC, Wu TC, Lin CC, Yang YJ,

- Chen AC, Tiao MM, Lau BH, Chu CH, Lai MW, Taiwan Infant Stool Color Card Study Group. Universal screening for biliary atresia using an infant stool color card in Taiwan. *Hepatology* . 2008; 47:1233-40. (times cited : 94).
10. Chang MH\*, You SL, Chen CJ, Liu CJ, Lee CM, Lin SM, Chu HC, Wu TC, Yang SS, Kuo HS, Chen DS; Taiwan Hepatoma Study Group. Decreased incidence of hepatocellular carcinoma in hepatitis B vaccines: a 20-year follow-up study. *J Natl Cancer Inst* 2009 ; 101: 1348-55. (times cited : 241).
  11. Chen HL, Lin LH, Hu FC, Lee JT, Lin WT, Yang YJ, Huang FC, Wu SF, Chen SC, Wen WH, Chu CH, Ni YH, Hsu HY, Tsai PL, Chiang CL, Shyu MK, Lee PI, Chang FY, Chang MH\*. Effects of Maternal Screening and Universal Immunization to Prevent Mother- To- Infant Transmission of HBV. *Gastroenterology*. 2012; 142: 773-781.( times cited :68)
  12. Chen HL, Lee CN, Chang CH, Ni YH, Shyu MK, Chen SM, Hu JJ, Lin HH, Zhao LL, Mu SC, Lai MW, Lee CL, Lin HM, Tsai MS, Hsu JJ, Chen DS, Chan KA, Chang MH\*. Efficacy of maternal tenofovir disoproxil fumarate in interrupting mother-to-infant transmission of hepatitis B virus. *Hepatology* 2015;62:375-86.(times cited : 27).
  - 13) Lien TH, Chang MH\*, Wu JF, Chen HL, Lee HC, Chen AC, Tiao MM, Wu TC, Yang YJ, Lin CC, Lai MW, Hsu HY, Ni YH; Taiwan Infant Stool Color Card Study Group. Effect of the infant stool color card screening program on 5-year outcome of biliary atresia in Taiwan. *Hepatology*. 2011 ;53:202-8. (times cited : 42).
  - 14) Ni YH, Lin JT, Huang SF, Yang JC, Chang MH. Accurate diagnosis of *Helicobacter pylori* infection by stool antigen test and 6 other currently available tests in children. *J Pediatr* 2000 ;136:823-7. ( times cited : 81 times)
  - 15) Chang MH\*, Chen THH, Hsu HM, Wu TC, Kong MS, Liang DC, Ni YH, Chen CJ, Chen DS. Prevention of hepatocellular carcinoma by universal vaccination against hepatitis B virus: The effect and problems. *Clinical Cancer Research* 2005; 11: 7953-7. (times cited : 87)

**BIBLIOGRAPHY**  
**Mei-Hwei Chang M.D.**

2017.1.12

**I. Refereed Papers :**

**\*=Corresponding author**

1. Chang MH\*, Chen SH, Lee TC and Lin WSJ: Necrotizing Enterocolitis with Pneumatosis Cystoides Intestinalis in Infancy : A Report of Four Cases. Acta Paed Taiwanica. 1975;16:151-7.
2. Chang MH\*, Lue HC. Renovascular Hypertension in Childhood: A Report of Two Cases. Acta Paed Taiwanica . 1976;17:246-52.
3. Chang MH\*, Chen SH and Lee Tc. Neonatal Hyperbilirubinemia and Erythrocyte G-6PD Deficiency in Chinese Newborn Infants. Acta Paed Taiwanica. 1977;18:1-10.
4. Chang MH\*, Lee CH, and Lee TC. Ultrasound Diagnosis in Pediatric Abdominal Masses. Acta Paed Taiwanica. 1977;18:32-41.
5. Chang MH\*, and Shen YZ: Simple Febrile Convulsions in Children-A Retrospective Clinical and Follow-up Study. Acta Paed Taiwanica. 1978;19:16-25.
6. Chang MH\*, Liang DC, and Hsu JY : Two Cases of Visceral Larva Migrans Possibly Caused by Toxocara. Acta Paed Taiwanica. 1978;19:55-9.
7. Chang YL, Chang MH\*, and Chen CC : The Value of Ultrasonography in the Diagnosis of Postoperative Intussusception. J Formosan Med Assoc 1981;80:855-8.
8. Ju SH, Chang MH, Hsu JY et al. : A Case Report of Idiopathic Relapsing Pancreatitis. Acta Paed Taiwanica. 1981;22:61-68.
9. Pi WP. Chang MH, and Peng MT : The Long-term and Short-Term Regulation of Food Intake in Old and Young Male Rats. Proc Natl Sci Counc B ROC. 1981;5:214-9.
10. Tsau YK, Chang MH, Hsu JY et al. : Meckel's Diverticulum in childhood. Acta Paed Taiwanica. 1982;23:78-82.
11. Chang MH\*, Wang TH, Hsu JY, et al, : Endoscopic Examination of the Upper Gastrointestinal Tract in Infancy. Gastrointest Endosc 1983;29:15-7.
12. Wu MH, Chang MH, Hsu JY et al. Peptic Ulcer in childhood : Clinical and Endoscopic Observations. Acta Paed Taiwanica 1983;24:146-53.
13. Hsu HC, Lin GJ, Chang MH and Chen CH : Associatio of Hepatitis B Surface (HBs) Antigenemia and Membranous Nephropathy in Children in Taiwan. Clinical Nephrology 1983;20:121-9.

14. Chang MH\*, Hsu HC, Lee CY et al. : Fraternal Hepatocellular Carcinoma in Young Children in Two Families. *Cancer* 1984;53:1807-10.
15. Yen CM, Chang MH, Lin YH, Su CT, Hung WT. The Differential Diagnosis of Prolonged Infantile Cholestatic Jaundice : A Prospective Study. *Acta Paed Taiwanica*. 1984;25:267-73.
16. Lin LH, Chang MH, and Chen TH : A Clinical Study of Oral Rehydration Solution in the Treatment of Acute Diarrhea in Children. *Acta Paed Taiwanica*. 1984;25:4-60.
17. Chang MH\*: Twenty-four Hour Esophageal pH Monitoring in Normal Infants. *J Formosan Med Assoc* 1984;83:283-8.
18. Lin YZ, Chang MH, and Wang CY: Intestinal Polyps in Children. *Acta Paed Taiwanica*. 1985;26:14-21.
19. Hsu HY, Chang MH\*, Chen DS, Lee CY and Sung JL : Changing Seroepidemiology of Hepatitis A Virus Infection in Taiwan. *J Med Virol* 1985;17:297-301.
20. Lee MC, Chang MH, Chen CC, Chen WJ, and Chang PY: Clinical Observation of Infantile Hypertrophic Pyloric Stenosis in Chinese. *J Formosan Med Assoc* 1985;84:1270-76.
21. Chen DS. Sung JL. Lai MY, Sheu JC, Yang Pm, Lee SC, Chen SH, Chang MH, Ko TM, Lee TY, Inadequacy of Immunoglobulin M Hepatitis B core Antibody in Detecting Acute Hepatitis B Virus Infection in Infants of HBsAg Carrier Mothers. *J Med Virol* 1985;16:309-314.
22. Chang MH\*, Wang TH, Chen CC and Hung WT: Congenital Bile Duct Dilatation in Children. *J Pediatr Surg* 1986;21:112-7.
23. Hsu HY, Chang MH\*, Chen DS, Lee CY, and Sung JL: Base-Line Seroepidemiology of Hepatitis B Virus Infection in Children in Taipei, 1984: A Study Just Before Mass Hepatitis B Vaccination Program in Taiwan . *J Med Virol* 1986;18:301-7.
24. Lin GJ, Chang MH, Chen CH, Lee CY, Chen DS, and Hsu HC; Hepatitis B Surface Antigen in Childhood Nephrotic Syndrome and its Correlation with Renal Histopathology. *J Formosan Med Assoc* 1986;85:956-62.
25. Kong MS, Chang MH, Lee CH, Chen CC, Lue HC, Hsu HC : Hsu CY, and Chen WJ; Non-cirrhotic Portal Hypertension in Children : A Report of Six Cases. *Acta Paed Taiwanica*. 1986;27:260-70.
26. Chang PY, Chen CC, and Chang MH: A Simplified Technique of Pediatric Anorectal Manometry for Differential Diagnosis of

- Hirschsprung's Disease and Chronic Infantile Constipation. J Formosan Med Assoc 1986;85:298-303.
27. Hsu HY, Chang MH\*, Chen JS, and Chen DS: The Biochemical Profile of Liver Function Tests in Normal Chinese Infants and Children. I. Serum Proteins and Bilirubin. Acta Paed Taiwanica 1986;27:315-20.
28. Hsu HY, Chang MH\*, Chen JS, and Chen DS. The Biochemical Profile of Liver Function Test in Normal Chinese Infants and Children. II. Liver Enzymes and Serum Lipids. Acta Paed Taiwanica. 1986;27:321-7.
29. Jean JY, Chang MH, Li YW, Chen WJ, Chen Hung WT: Clinical Observation of Intussusception in Infants and Children. Acta Paed Taiwanica. 1986;27:340-44.
30. Chang MH\*, Hsu HY, Chen CJ, Lee CH, and Hsu JY : Lactose Malabsorption and Small Intestinal Lactase in Normal Chinese Children. J Pediatr Gastroenterol Nutr 1987;6:369-372.
31. Chang MH\*, Hsu HC, Lee CY, Wang TR, and Kao CL : Neonatal Hepatitis : A follow-up Study. J Pediatr Gastroenterol Nutr 1987;6:203-7.
32. Chang MH\*, Lee CY, Chen DS, Hsu HC, and Lai MY : Fulminant Hepatitis in children in Taiwan : The Important Role of Hepatitis B Virus. J Pediatr 1987;111:34-9.
33. Lee CN, Kao CL, Pai JA, Chang MH, Lee CY : Identification of Human Rotaviruses in Stools from Children with Gastroenteritis. J Formosan Med Assoc 1987;86:392-9.
34. Lau CT, Chang MH, Yau KI, and Hsu JY : Lactose Breath Hydrogen Test Results in Chinese Neonates. Acta Paed Taiwanica 1987;28:29-33.
35. Wang JY, Hsieh KH, Chang MH, Chen SH, and Lue HC: Cystic Fibrosis : Report of A Chinese Case with Suggestive Family History. J Formosan Med Assoc 1987;86:897-901.
36. Hsu HC, Su IJ, Lai MY, Chen DS, Chang MH, Chuang SM, and Sung JL : Biologic and Prognostic Significance of Hepatocyte Hepatitis B Core Antigen Expressions in the Natural Course of Chronic Hepatitis B Virus Infection. J Hepatol 1987;5:45-50.
37. Chou YK, Chang MH, Ro HY, Chen YH, Chang JK, and Chu ML; The Skinfold Thickness of Newborn Infant. Acta Paed Taiwanica 1987;28:164-70.
38. Hsu HC, Wu MZ, Chang MH, Su IJ, and Chen DS. Childhood Hepatocellular Carcinoma Develops Exclusively in Hepatitis B Surface

- Antigen Carriers in Three Decades in Taiwan. *J Hepatol* 1987;5:260-7.
39. Huang LM, Chang MH, Hong JY, Lee CY and Chen DS. Clinical Study of Acute Viral Hepatitis in Children. *Acta Paed Taiwanica*. 1987;28:309-320.
40. Weng CK, Chang MH, and Lue HC: Ultrasonographic Study of Hepatic Hemangioma in Infancy. *J Ultrasound Med ROC* 1987;4:197-203.
41. Chang MH\*, Hwang LY, Hsu HC, Lee CY, and Beasley RP. Prospective Study of Asymptomatic HBsAg Carrier Children Infected in the Perinatal Period : Clinical and Liver Histologic Studies. *Hepatology* 1988;8:374-7.
42. Hsu HY, Chang MH\*, Chen DS, and Lee CY. Hepatitis D Virus Infection in Children with Acute or Chronic Hepatitis B Virus Infection in Taiwan. *J Pediatr* 1988;112:888-92.
43. Liu HC, Chang MH, Lue HC, et al Hepatic Hemangioma in Infancy and Early Childhood. *J Formosan Med Assoc* 1988;87:288-96.
44. Hsu HC, Chang MH, Lee CY, Chen DS. Fulminant Hepatitis in Infants in Taiwan : Strong Association with Hepatitis B e Antigen-Negative But Antibody Positive Maternal Hepatitis B Surface Antigen Carriage. *J Gastroenterol Hepatol* 1988;3:1-7.
45. Hsu HC, Lin YH, Chang MH, Su IJ and Chen DS. Pathology of Chronic Hepatitis B Virus Infection in Children : with Special Reference to the Intrahepatic Expression of Hepatitis B Virus Antigens. *Hepatology* 1988;8:378-32.
46. Hsu HC, Lai MY, Su IJ, Chen DS, Chang MH, Yang PM, Wu CY, and Hsieh HC. Correlation of Hepatocyte HBsAg Expression with Virus Replication and Liver Pathology. *Hepatology* 1988;8:749-54.
47. Lee JC, Lai HS, Chen WJ, Lee CS, Chen CC, Hung WT, Chang MH, and Hou SW: Primary Malignant Tumors of the Liver in Childhood : Ten-year Experience at the National Taiwan University Hospital. *J Formosan Med Assoc* 1988;87:206-11.
48. Lee PI, Chang MH, Chen DS and Lee CY : Serum Alpha-Fetoprotein in Normal Chinese Infants. *Acta Paed Taiwanica*. 1988;29:152-57.
49. Weng CK, Chang MH, and Lee CH: Ultrasonographic Measurements of the Portal Vein, Biliary Tract and Gallbladder in Normal Children. *J Formosan Med Assoc* 1988;87:885-90.
50. Weng CK, Chang MH, Chen CL : Congenital Hepatic Fibrosis in Children - A Report of Three Cases. *Acta Paed Taiwanica*, 29:40-48, 1988.
51. Liu HC, Chang MH, Wu MZ, Lin DT, Chen WJ : Pretreatment Serum

- Cholesterol Level as A Prognostic Indicator in Infants and Children with Hepatoblastoma. *Acta Paed Taiwanica*.1988;29:254-60.
- 52.Hwu WL, Chang MH, Wang CY, Huang SH, How SW, Hsieh KH, and Hsu JY : Idiopathic Inflammatory Bowel Disease in Children and Adolescents. *J Formosan Med Assoc* 1988;87:1006-10.
  - 53.Weng CK, Chang MH, Lee CH : Ultrasonographic Measurement of the Liver Size in Normal Chinese Children. *J Ultrasound Med ROC* 1988;5:213-6.
  - 54.Hsieh KH, Chang MH, Lee CY, Wang CY. Wiskott-Aldrich Syndrome and Inflammatory Bowel Disease. *Ann of Allergy* 1988;60:429-431.
  - 55.Lee PI, Chang MH, Chen DS, Lee CY : Serum Alpha-Fetoprotein Levels in Normal Infants-A Reappraisal of Regression Analysis and Sex Difference. *J Pediatr Gastroenterol Nutr* 1989;8:19-25.
  - 56.Chiang BL, Chang MH, Lin MY, Hsu JY, Wang CY, and Wang TH : Chronic Duodenal Ulcer in Children : Clinical Observation and Response to Treatment . *J Pediatr Gastroenterol Nutr* 1989;8:161-5.
  - 57.Chang MH\*, Sung JL, Lee CY, Chen JS, Hsu HY, Lee PI, and Chen DS : Factors Affecting the Clearance of Hepatitis B e Antigen in Hepatitis B Surface Antigen Carrier Children. *J Pediatr* 1989;115:385-90.
  - 58.Hsu HY, Chang MH\*, Wang TH, Hsu JY, Wang CY, Lin MI, and Wu MH : Acute Duodenal Ulcer. *Arch Dis Child* 1989;64:774-9.
  - 59.Huang LM, Chang MH, Lee CY, Hong JY, and Chen DS: Changing Aetiologic Patterns of Acute Viral Hepatitis in Taiwanese Children *J Gastroenterol Hepatol* 1989;4:339-44.
  - 60.Chen PJ, Chen DS, Lai MY, Chang MH, Huang GT, Yang PM, Sheu JC, Lee SC, Hsu HC, and Sung JL. Clonal Origin of Recurrent Hepatocellular Carcinomas. *Gastroenterology* 1989;96:527-9.
  - 61.How JW, Chang MH, Wu MH, and Lee CY : Kawasaki Disease Complicated by Gallbladder Hydrops Mimicking Acute Abdomen : Report of Three Cases. *Acta Paed Taiwanica*.1989;30:52-9.
  - 62.Chang MH\*, Chen DS, Hsu HC, Hsu HY, and Lee CY : Maternal Transmission of Hepatitis B Virus in Childhood Hepatocellular Carcinoma. *Cancer* 1989;64:2377-80.
  - 63.Tsai WS, Chang MH, Chen JY, Lee CY and Liu YG : Seroepidemiological Study of Epstein-Barr Virus Infection in Children in Taipei, *Acta Paed Taiwanica*.1989;30:81-8.
  - 64.Wu SF, Chang MH, Lee SY, Chen CC and Hsu JY. Achalasia : Report of Two Cases. *Acta Paed Taiwanica*. 1989;30:3:202-7.
  - 65.Chen PH, Chang MH, Chuang YH, Liu YC. Acute Effects of Fever,

- Fasting and Aspirin on Infant Rat Gastric Mucosa. J Formosan Med Assoc 1989;869-73.
66. Tsai YH, Chang MH, Sung JL : Fasting Serum Gastrin Values in Normal Chinese Children. J Formosan Med Assoc 1989;88:1012-5.
67. Chen BW, Chang MH, Lin DT, Lin KH, Chuu WM, Lin KS. Extrahepatic Biliary Obstruction Caused by Cancer of Non-liver Origin in Children : Report of 5 Cases. J Formosan Med Assoc 1989;88:819-23.
68. Lee PI, Chang MH, Lee CY, Hsu HY, Chen PJ, Chen DS. Changes of Serum Hepatitis B virus DNA and Transaminase Level in the Natural Course of Chronic Hepatitis B Virus Infection in Children. Hepatology 1990;12:657-60.
69. Hsieh CC, Chang MH, Chen CL : Dubin-Johnson Syndrome Presenting with Neonatal Cholestasis. Arch Dis Child 1990;65:898-9.
70. Lee PI, Chang MH, Chen DS, Hsu HC, Lee CY : Prognostic Implication of Serum Alfa-Fetoprotein Levels in Neonatal Hepatitis. J Pediatr Gastroenterol Nutr 1990;11:27-31.
71. Chien CH, Lin DT, Lin KH, Chang MH, Lee CY, Lin KS : Acute Abdomen in Childhood Leukemia. J Formosan Med Assoc 1990;89:12-6.
72. Tseng CL, Tsai SL, Lin KH, Chang MH, Wang TR, Hsu YH, Hsu HC. Wilson Disease Presenting as Fulminant Hepatic Failure, Acute Hemolytic Anemia, and Renal Failure : Report of one case. Acta Paed Taiwanica : 1990;31:266-271.
73. Chen DS, Kuo GC, Sung JL, Lai MY, Sheu JC, Chen PJ, Yan PM, Hsu HM, Chang MH, et al : Hepatitis C virus Infection in An Area Hyperendemic for Hepatitis B and Chronic Liver Disease : The Taiwan Experience. J Infect Dis 1990;162:817-822.
74. Teng RJ, Tsau YK, Chang MH, Lee CY, Chen CL. An Autopsy Case of Reye's Syndrome Associated with Acute Pancreatitis, Acute Renal Failure and Disseminated Intravascular Coagulopathy. J Formosan Med Assoc 1990;89:887-891.
75. Lin HH, Chang MH, Chen DS, Sung JL, Hong KH, Young YC, Yang KH, Lee TY : Early Predictor of the Efficacy of Immunoprophylaxis Against Perinatal Hepatitis B Transmission : Analysis of Prophylaxis Failure. Vaccine 1991;9:457-460.
76. Chang MH\*, Chen PJ, Chen JY, Lai MY, Hsu HC, Lian DC, Liu YG, Chen DS. Hepatitis B Virus integration in hepatitis B virus related hepatocellular carcinoma in Childhood. Hepatology 1991;13:316-20.



77. Ni YH, Chang MH\*, Wu MZ. Mononucleosis and Hepatic Failure Associated With Diphenylhydantoin Treatment in an Infant. *J Formosan Med Assoc* 1991;90:202-5.
78. Tsen KT, Chang MH, Tsen YJ, Lee CY, Chen DS. Hepatitis A Virus Infection in Taipei City in 1989. *J Formosan Med Assoc* 1991;90:138-40.
79. Chen PH, Chang MH, Hsu SC. Gastroesophageal Reflux in children with chronic recurrent bronchopulmonary infection. *J Pediatr Gastroenterol Nutr* 1991;13:16-22.
80. Lee CY, Chang MH, Huang LM, Hsu CY, Safary A, Sung JL. The Protective Efficacy of Recombinant Hepatitis B Vaccine in Infants of HBeAg Positive HBsAg Carrier Mothers in Taiwan. *Pediatr Infect Dis J* 1991;10:299-303.
81. Ni YH, Chang MH\*, Hsu HY, Hsu HC, Chen CC, Chen WJ, Lee CY. Hepatocellular Carcinoma in Childhood --- The Clinical Manifestations and Prognosis. *Cancer* 1991;68:1737-1741.
82. Tsen YJ, Chang MH, Hsu HY, Lee CY, Sung JL, Chen DS. Seroepidemiology of Hepatitis B virus Infection in Taipei, 1989--- Five Years After A Mass Hepatitis B Vaccination Program. *J Med Virol* 1991;34:96-99.
83. Kuo CY, Liu HC, Chang MH, Wu MZ, Lin DT, Li YW, Hung WT, Chen WJ, Chen CC. Hepatoblastoma in Infancy and Childhood. A Clinical and Pathological Study of 32 Cases. *Acta Paed Taiwanica* 1991;32:79-87.
84. Hsu SC, Chang MH, Chen DS, Hsu HC, Lee CY. Non-A, Non-B Hepatitis in Children : A Clinical, Histologic, and Hepatitis C Antibody Study. *J Med Virol* 1991;35:1-6.
85. Chou YH, Chang MH, Yau-Tsou KI, Chen CC, Huang SH. Hirschsprung's Disease : An Analysis of 104 Cases. *Acta Paed Taiwanica*. 1991;32:199-207.
86. Chen RL, Chang MH, Chen CL. Congenital Intractable Diarrhea with Persistent defect of Crypt Regeneration --- Report of a case. *J Formosan Med Assoc* 1991;90:1194-9.
87. Hsu HY, Tang SY, Chang MH\* : Analysis of Duodenal Bile Acids by High Performance Liquid Chromatography in Infant with Cholestasis. *J Formosan Med Assoc* 1991;90:487-92.
88. Lin HH, Hsu HY, Chang MH, Hong KF, Young YC, Lee TY, Chen PJ, Chen DS. Low Prevalence of Hepatitis C Virus and Infrequent Perinatal or Spouse Infections in Pregnant Women in Taiwan. *J Med*

- Viol 1991;35:237-40.
89. Lee PI, Chang MH, Hwu WL, Kao CL, Lee CY : Transfusion-Acquired Cytomegalovirus Infection in Children in a Hyperendemic Area --- the Role of Seropositive Blood and Fresh Blood. J Med Virol 1992;36:49-53.
  90. Lee PI, Chang MH, Lee CY, Kao CL : Changing Seroepidemiological Patterns of Cytomegalovirus Infection in Children in Taiwan from 1984 to 1989. J Med Virol 1992;36:75-8.
  91. Hsu HY, Chang MH\*, Lee CY, Chen JS, Hsu HC, Chen DS. Spontaneous Loss of Hepatitis B Virus Infection. Hepatology 1992;15:382-386.
  92. Hsu HY, Chang MH\*, Hsieh KH, Lee CY, Li HH, Hwang LH, Chen PJ, Chen DS. Cellular Immune Response to Hepatitis B Core Antigen in Maternal-Infant Transmission of Hepatitis B Virus. Hepatology 1992;15:770-6.
  93. Chang MH\*, Huang ES, Kao CL, Hsu HY, Lee CY. Polymerase Chain Reaction to Detect Human Cytomegalovirus in the Liver of Neonatal Hepatitis Infants. Gastroenterology 1992;103:1022-25.
  94. Tsai YH, Chang MH. Serum Gastrin Levels in Children with Peptic Ulcer Disease. J Formosan Med Assoc 1992;91:283-6.
  95. Huang LM, Lee CY, Chen JY, Yang CS, Wang JD, Chang MH, Hsu CY, Kuo PF. Primary Human Herpesvirus 6 Infections in Children : A prospective Serologic Study. J Infect Dis 1992;165:1163-4.
  96. Chou YH, Chang MH, Lee HC, Chen CC, Lee YH, Hsu HC. Portal Hypertension in a Child with Retroperitoneal Fibrosis. J Pediatr Gastroenterol Nutr 1992;15:444-7.
  97. Wu TJ, Teng RJ, Chang MH, Chen CC. Congenital Short Bowel Syndrome : Report of A Case Treated with Home Central Parenteral Nutrition . J Formosan Med Assoc 1992;91:470-2.
  98. Lai MW, Chang MH\*. Lee CY, Hsu HC, Kao CL. Cytomegalovirus-Associated Neonatal Hepatitis. Acta Paed Taiwanica 1992;33:264-272.
  99. Liu MY, Cho SM, Tsai WS, Chang MH, Chen JY, Yang CS. Prevalence of Antibody to Epstein-Barr Virus DNASE in Children Intervirology 1992;34:192-6.
  100. Lin HH, Hsu HY, Chang MH, Wang JT, Chen PJ, Chen DS. Correlation Between ELISA and Recombinant Immunoblot Assay in Serum Samples Positive for Anti-HCV. J Formosan Med Assoc 1992;91:729-30.

101. Chuo YH, Chang MH. Rotor's Syndrome : Report of One Case. Acta Paed Taiwanica. 1992;33:435-40.
102. Tsou Yau KI, Chang MH. Weight to Length Ratio - A Good Parameter for Determining Nutritional Status in Preterm and Full-term Newborns. Acta Paed Taiwanica. 1992;82:427-9.
103. Ni YH, Hsu HY, Chang MH\*, Lee CY, Chen DS. The Absence or Delayed Appearance of Hepatitis B Core Antibody in Chronic Hepatitis B Surface Antigen Carrier Children. J Hepatol 1993;17:150-154.
104. Lin HH, Hsu HY, Chang MH, Chen PJ, Chen DS. Hepatitis B virus in the colostrum of HBeAg-Positive carrier mothers. J Pediatr Gastroenterol Nutr 1993;17:207-10.
105. Chang MH\*, Lee CY, Chen DS. Minimal Role of Hepatitis C Virus Infection in Childhood Liver Diseases in An Area Hyperendemic for Hepatitis B Infection. J Med Virol 1993;40:322-5.
106. Horng YC, Chang MH, Chen DS, Safary A, Andre FE, Lee CY. Safety and Immunogenicity of Hepatitis A Vaccine in Healthy Children. Pediatr Infect Dis J 1993;12:359-62.
107. Horng YC, Chang MH, Lee CY, Safary A, Andre FE, Chen DS. Safety and Immunogenicity of Hepatitis A Vaccine in Healthy adult Volunteers. J Gastroenterol Hepatol 1993;8:338-341.
108. Huang LM, Lee CY, Chang MH, Wang JD, Hsu CY. Primary Infections of Epstein-Barr Virus , Cytomegalovirus, and Human Herpesvirus-6. Arch Dis Child 1993;68:408-11.
109. Wang JK, Chang MH, Li YW, Chen WJ, Jue HC. Association of Hiatus Hernia with Asplenia Syndrome. Eur J Pediatr 1993;152:418-20.
110. Hsu SC, Chang MH, Ni YH, Hsu HY, Lee CY. Horizontal Transmission of Hepatitis B Virus in Children. J Pediatr Gastroenterol Nutr 1993;16:66-9.
111. Tsou Yau KI, Chang MH. Growth and Body Composition of Preterm, Small-for Gestational-age Infants at Postmenstrual age of 37-40 weeks. Early Human Development 1993;33:117-31.
112. Tsou Yau KI, Chang MH. Indices of Body Proportionality in Neonates. Acta Paed Taiwanica .1993;34:98-104.
113. Chou YH, Tsou Yau KI, Hsu HC, Chang MH. Total Parenteral Nutrition-Associated Cholestasis in Infants : Clinical and Liver Histologic Studies. Acta Paed Taiwanica.1993;34:264-271.
114. Hsiao PH, Chou YH, Tsou Yau KI, Chang MH. Gastrointestinal Perforation in Infants : Cases Unrelated to Necrotizing Enterocolitis.

- Acta Paed Taiwanica .1993;34:429-35.
115. Yang CL, Chang MH, Chen CM. Fungal Esophagitis in Children. Acta Paed Taiwanica .1993;34:436-42.
116. Hsu HY, Chang MH\*, Ho HN, Hsieh RP, Lee SD, Chen DS, Lee CY, Hsieh KH. Association of HLA-DR14-DR52 with Low Responsiveness to Hepatitis B Vaccine in Chinese Residents in Taiwan. Vaccine 1993;11:1437-40.
117. Lai MW, Chang MH\*, Hsu SC, Hou JW, Hsu HC, Su Ct, Kao CL, Lee CY. Differential Diagnosis of Cholestasis in Infancy : A Prospective Study. J Pediatr Gastroenterol Nutr 1994;18:121-7.
118. Lin HH, Kao JH, Hsu HY, Ni YH, Yeh SH, Hwang LH, Chang MH, et al. Possible Role of High-Titer Maternal Viremia in Perinatal Transmission of Hepatitis C Virus. J Infect Dis 1994;169:638-41.
119. Tsuei DJ, Hsu TY, Chen JY, Chang MH\*, Hsu HC, Yang CS. Analysis of Integrated Hepatitis B Virus DNA and Flanking Cellular Sequences in a Childhood Hepatocellular Carcinoma. J Med Virol 1994;42:287-293.
120. Ni YH, Lin HH, Chen PJ, Hsu HY, Chen DS, Chang MH\*. Temporal Profile of Hepatitis C Virus Antibody and Genome in Infants Born to Mothers Infected with Hepatitis C Virus but without Human Immunodeficiency Virus Coinfection. J Hepatol 1994;20:641-5.
121. Cheng KF, Chang MH, Lee CY, et al. Response to Supplementary Vaccination with Recombinant or Plasma Hepatitis B Vaccine in Healthy Non-Responding Children. Vaccine 1994;12:899-902.
122. Ni YH, Chang MH\*, Lue HC, et al. Posttransfusion Hepatitis C virus Infection in children. J Pediatr 1994;124:709-13.
123. Hwang CF, Lee CY, Lee PI, Chen JM, Lin KH, Lin DT, Chang MH. Pyogenic Liver Abscess in Beta-Thalassemia Major. Acta Paed Taiwanica 1994:466-70.
124. Yu CH, Lin KH, LinDT, Chen RL, Horng YC, Chang MH. L-Asparaginase Related Pancreatic Pseudocyst : Report of a Case. J Formosan Med Assoc 1994;93:441-4.
125. Chang MH\*, Ni YH, Hwang LH, Lin KS, Lin HH, Chen PJ, Lee CY, Chen DS. Long-term Clinical and Virologic Outcome of Primary Hepatitis C Virus Infection in Children : A Prospective Study. Pediatr Infect Dis J 1994;13:769-73.
126. Tsou Yau KI, MH Chang . Growth and Body Composition of Preterm Appropriate-For-Gestational-Age Infants in The Early Postneonatal Period. Clinical Neonatology 1994;1:17-23.

127. Wong YC, Li YW, Chang MH. Gastrointestinal bleeding and paraparesis in blue rubber bleb nevus syndrome. *Pediatr Radiology* 1994;24:600-1.
128. Ko TM, Tseng LH, Chang MH Chen DS, Hsieh FJ, Chuang SM, Lee TY. Amniocentesis in mothers who are hepatitis B virus carriers does not expose the infant to an increased risk of hepatitis B virus infection. *Arch Gynecol Obstetr* 1994;255:25-30.
129. Lin HH, Kao JH, Hsu HY, Ni YH, Chang MH, Huang SC, Hwang LH, Chen PJ, Chen DS. Absence of infection in breast-fed infants born to hepatitis C virus-infected mothers. *J Pediatr* 1995;126:589-91.
130. Hsu HY, Chang MH\*, Lee CY, Hsieh KH, Ni YH, Chen PJ, Chen DS. Precore Mutant of Hepatitis B Virus in Childhood Fulminant Hepatitis B : An Infrequent Association. *J Infect Dis* 1995;171:776-81.
131. Lee PI, Lee CY, Huang LM, Chang MH. Long-term efficacy of recombinant hepatitis B vaccine and risk of natural infection in infants born to mothers with hepatitis B e antigen. *J Pediatr* 1995;126:716-21.
132. Hsia SH, Chang MH. Ascariasis associated with acute pancreatitis in a child. *Acta Paed Taiwanica* .1995;36:128-30.
133. Chang MH\*, Hsu HY, Hsu HC, Ni YH, Chen JS, Chen DS. The significance of spontaneous HBeAg seroconversion in childhood : with special emphasis on the clearance of HBeAg before three years of age. *Hepatology* 1995;22:1387-92.
134. Chiu HH, Chang MH, Chen CL, Hsu HY, Ni YH. The association of syndromic paucity of the interlobular bile ducts and congenital mechanical obstruction of the small intestine. *J Pediatr Gastroenterol Nutr* 1995;21:304-307.
135. Shyu MK, Shih JC, Lee CN, Wu CC, Jou HJ, Hsieh FJ, Chang MH, et al. Extrauterine twin-twin transfusion syndrome after birth in conjoined twind. *Ultrasound Obstet Gynecol* 1995;6:447-50.
136. Lee PI, Lee CY, Huang LM, Chang MH. A follow-up study of combined vaccination with plasma-derived and recombinant hepatitis B vaccines in infants. *Vaccine* 1995;13:1685-9.
137. Tsai CJ, Chang MH. Seroepidemiologic study of Helicobacter pylori infection in children in Taipei city . *Acta Paed Taiwanica*. 1995;36:254-6.
138. Lee WT, Chang MH, Chen DS, Safary A, Andre FE, Lee CY Follow-up immunogenicity of an inactivated hepatitis A vaccine in healthy children: results after two years. *Acta Paed Taiwanica*.

- 1995;36:331-5.
- 139.Ni YH, Chang MH\*, Hsu HY, Lee CY. Ultrasound-Guided Percutaneous Drainage of Liver Abscess in Children. *Acta Paed Taiwanica* . 1995;36:336-41.
- 140.Ni YH, Chang MH\*, Hsu HY, Huang FC, Chen AC. Percutaneous endoscopic gastrostomy in infants. *J Formos Med Assoc* 1995;94:635-7.
- 141.Ling UP, Chen JY, Hwang CJ, Lin CK, Chang MH. Hydrosonography in the evaluation of colorectal polyps. *Arch Dis Child* 1995;73:70-3.
- 142.Hwu WL, Chuang SC, Tsai LP. Chang MH, Chuang SM, Wang TR. Glucose-6-Phosphatase gene G327A mutation is common in Chinese patients with glycogen storage disease type Ia. *Human molecular Genetics*. 1995;4:1095-6.
- 143.Huang FC, Chang MH, Chen CC. Home parenteral nutrition in children. *J Formos Med Assoc* 1996;95:45-50.
- 144.Tsai SY, Jeng YM, Hwu WL, Ni YH, Chang MH, Wang TR. Hepatoblastoma in an infant with Beckwith-Wiedemann syndrome. *J Formosan Med Assoc* 1996;95:180-3.
- 145.Ni YH, Chang MH\*, Lin KH, Chen PJ, Lin DT, Hsu HY, Chen DS. Hepatitis C viral infection in thalassemic children : The clinical and molecular studies. *Pediatric Research* 1996;39:323-8.
- 146.Chiu HH, Chang MH, Chen CL, Hsu HY, Ni YH. Paucity of interlobular bile ducts in Chinese children. *J Gastroenterol Hepatol* 1996;11:434-38.
- 147.Chang MH\*, Hsu HY, Huang LM, Lee PI, Lin HH, Lee CY. The role of transplacental hepatitis B core antibody in the mother-to-infant transmission of hepatitis B virus . *J Hepatol* 1996;24:674-9.
- 148.Chen HL, Chang MH\*, Ni YH, Hsu HY, Lee PI, Chen DS. Seroepidemiology of hepatitis B virus infection in children : Ten years after a hepatitis B mass vaccination program in Taiwan . *JAMA* 1996;276:906-8.
- 149.Hsu HY, Chang MH\*, RP Hsieh, Ni YH, WK Chi. Humoral and cellular immune response to hepatitis B vaccination in HBsAg carrier children who cleared serum HBsAg. *Hepatol* 1996;24:1355-60.
- 150.Tsai CJ, Chang MH, Tsai TC, Huang FC, Yang JC, Shun CT. Helicobacter pylori infection and duodenal ulcer in children and adolescents. *Acta Paed Taiwanica* .1996;37:415-9.
- 151.Lin SC, Hsu HY, Wang PJ. Lee CN, Chang MH, Shen YZ, Wang SM. Rotavirus gastroenteritis associated with afebrile seizure in childhood.

- Acta Paed Taiwanica 1996;37:204-7.
152. Tsai MJ, Teng CJ, Teng RJ, Lee PI, Chang MH. Necrotizing bowel lesions complicated by Pseudomonas septicemia in previously healthy infants Eur J Pediatr 1996;155:216-8.
153. Chuang LM, Wu HP, Chang MH, Su WC, Lin BJ, Tai TY. High frequency of two mutations of codon 778 in exon 8 of the ATP7B gene in Taiwanese families with Wilson disease. J Med Genetics 1996;33:521-3.
154. Tai YH, Ni YH, Lin KH, Su IJ, Chang MH. Burkitts Lymphoma with Intussusception Mimicking A Colonic Polyp . Acta Paed Taiwanica 1996;37:373-5.
155. Ni YH, Chang MH\*, Chen PJ, Lin HH, Hsu HY. Evolution of hepatitis C virus quasispecies in mothers and infants infected through mother-to-infant transmission. J Hepatol 1997;26:967-74.
156. Lee CY, Lee PI, Huang LM, Chen JM, Chang MH. A simplified schedule to integrate the hepatitis B vaccine into an expanded program of immunization in endemic countries. J Pediatrics 1997;130:981-6.
157. Tsau YK, Chen CH, Chang MH, Teng RJ, Lu MY, Lee PI. Nephromegaly and elevated hepatocyte growth factor in children with biliary atresia. Am J Kid Dis 1997;29:188-92.
158. Chang MH\*, Chen CJ, Lai MS, et al. Universal hepatitis B Vaccination in Taiwan and the incidence of hepatocellular carcinoma in children. The New England Journal of Medicine 1997;336:1855-9.
159. Hsu HY, Chang MH\*, Ni YH, Lin HH, Wang SM, Chen DS. Surface gene mutants of hepatitis B Virus in infants who develop acute or chronic infections despite immunoprophylaxis. Hepatology .1997;26:786-91.
160. Lee PI, Chang LY, Lee CY, Huang LM, Chang MH. Detection of hepatitis B surface gene mutation in carrier children with or without immunoprophylaxis at birth. J Infect Dis 1997;176:427-30.
161. Lai MW, Chang MH\*, Hsu HY. Non-A, non-B, non-C hepatitis , its significance in pediatric patients and the role of GB virus-C. J Pediatr.1997; 131 : 536-40.
162. Lin YT, Teng RJ, Chiu HC, Tsou Yau KI, Chang MH, Shen YZ. An unusual presentation of multiple congenital melanocytic nevi with a limb distribution. Dermatology 1997;194:362-3.
163. Lin LN, Chang MH, Tsai WY, Tsai KS, Li YW. Bone fracture in chronic cholestatic children. Acta Paediatrica sinica 1997;38:360-4.

164. Chen HL, Chang MH\*, Ni YH, Hsu HY, Kao JH, Chen PJ. Hepatitis G Virus Infection in normal and prospectively followed posttransfusion children. *Pediatric Research* 1997;42:784-7.
165. Chang PF, Teng RJ, Chang MH. Retroperitoneal cystic lymphangioma : report of one case. *Acta Paed Taiwanica* 1997;38:306-8.
166. Lin HH, Kao JH, Yeh KY Chang MH, Chen PJ, Chen DS. Mother-to-infant transmission of GB virus-c/hepatitis G virus : the role of high-titered maternal viremia and mode of delivery. *J Infect Dis* 1998;177:1202-1206.
167. Fan PC, Chang MH\*, Lee PI, Safary A, Lee CY. Follow-up immunogenicity of an inactivated hepatitis A vaccine in healthy children : Results after five years. *Vaccine*.1998;16:232-235.
168. Lin YT, Chang MH, Hsu HY, Lai HS, Chen CC. A Follow-up study of annular pancreas in infants and children. *Acta Paed Taiwanica* 1998;39:89-93.
169. Hsu HY, Chang MH\*, Ni YH, Wang SM. Familial occurrence of intussusception in childhood. *J Pediatr Gastroenterol Nutr*1998;27:94-96.
170. Lin YT, Teng RJ, Wang JK, Chang MH, et al. Successful arterial switch operation in a low-birth-weight neonate who had transposition of the great arteries and advanced necrotizing enterocolitis. *J Pediatr Surg* 1998;33:647-9.
171. Chang MH\*, Hsu HY, Ni YH, Tsai KS, Lee PI, Chen PJ, Hsu YL, Chen DS. Precore stop codon mutant in chronic hepatitis B virus infection in children : Its relation to hepatitis B e seroconversion and maternal hepatitis B surface antigen. *J Hepatol* 1998;28:915-922.
172. Tang JR, Hsu HY, Lin HH, Ni YH, Chang MH\*. Hepatitis B surface antigenemia at birth: A long-term follow-up study. *J Pediatr* 1998 ; 133:374-7.
173. Chen HL, Chang MH\*, Lin HH, Ni YH, Hsu HY, Wang JT, Chen DS. Antibodies to E2 protein of GB Virus C/hepatitis G virus in children : different responses by the age of infection . *J Pediatr* 1998;133:382-5.
174. Hsu HY, Kao CL, Huang LM, Ni YH, Lai HS, Lin FY, Chang MH. Viral etiology of intussusception in Taiwanese children. *Pediatr Infect Dis J* 1998 ;17:893-898.
175. Ni YH, Yu CH, Lin WT, Chang PF, Shih HH, Chang PS, Chang MH\*. Pediatric Percutaneous Endoscopic Jejunostomy By J-Tube Extension Through A Preexisting Gastrostomy Site : A Preliminary



- Report. J Formos Med Assoc 1998;97:873-6.
176. Peng SS, Li YW, Chang MH, Ni YH, Su CT. Magnetic Resonance Cholangiography for Evaluation of Cholestatic Jaundice In Neonates and Infants. J Formos Med Assoc 1998;97:698-703
177. Lu MY, Chang MH, Tsai KS, Chen DS. Hepatitis A vaccination in healthy adults: A comparison of immunogenicity and reactogenicity between two and three dose regimens. Vaccine 1999;17:26-30.
178. Huang FC, Chang MH, Hsu HY, Lee PI, Shun CT. Long-term follow-up of duodenal ulcer in children : before and after the eradication of Helicobacter pylori. J Pediatric Gastroenterol Nutr 1999 ; 28 : 76-80.
182. Shih SH, Chang MH\*, Hsu HY, Lee PI, Chen DS. Long-term immune response of universal hepatitis B vaccination in infancy : A community-based study in Taiwan. Pediatr Infect Dis J 1999;18:427-32
183. Chang P, Hsu HY, Chang MH, Lin FY. Shock in the pediatric emergency service : Five year's experience. Acta Paed Taiwanica 1999 ; 40 : 9-12.
184. Chang PS, Ni YH, Lin WT, Lee CY, Chang MH. Isolation of Eikenella corrodens from polymicrobial hepatic abscess : Report of one case. Acta Paed Taiwanica 1999 ; 40 : 50-2.
185. Ni YH, Chang MH\*, Chen PJ, Hsu HY, Lu TW, Lin KH, Lin DT. Decreased diversity of hepatitis C virus quasispecies during bone marrow transplantation. J Med Virol 1999; 58:132-38
186. Lin WT, Lin SJ, Ni YH, Chen HL, Wang HP, Chu JS, Chang MH\*. Primary Sclerosing Cholangitis in a child. J Formos Med Assoc 1999;98:209-13.
187. Chen CC, Chang MH, Lee HC, Twu SJ, Safary A. Immunogenicity and Reactogenicity of two recombinant hepatitis B vaccines in healthy adolescents on two-dose schedule. Acta Paed Taiwanica 1999;40:157-60.
188. Hsu HY, Chang MH\*, Ni YH, Lee PI. Cytokine release of peripheral blood mononuclear cells in children with chronic hepatitis B virus infection. J Pediatr Gastroenterol Nutr 1999;29:540-45
189. Hsu HY, Chang MH\*, Liaw SH, Ni YH, Chen HL. Changes of hepatitis B surface variants in carrier children before and after universal vaccination in Taiwan . Hepatology 1999;30:1312-17
190. Ni YH, Hsu HY, Chen PJ, Chang MH\*. Protamine enhances the efficiency of liposome mediated gene transfer to cultured human

- hepatoma cell line. J Formos Med Assoc 1999;98:562-566.
- 191.Chang PF, Ni YH, Lin WT, Yu CH, Shih HH, Chang PS, Chang MH. Endoscopy-guided nasoenteral tube placement in infants: A stylet method. Endoscopy. 2000; 32:S15-S16.
- 192.Huang LM, Chiang BL, Lee CY, Lee PI, Chi WK, Chang MH. Long-term response to hepatitis B vaccination and response to booster in children born to mothers with hepatitis B e antigen. Hepatology 1999;29:954-9.
- 193.Tsai KS, Jang MH, Hsu SH, Cheng WC, Chang MH. Bone alkaline Phosphatase isoenzyme and carboxy-terminal Propeptide of type-1 procollagen in healthy Chinese girls and boys. Clin Chem 1999;45:136-8.
- 194.Hwu WL, Chiang SC, Huang SF, Chang MH, Wen WH, Wang TR. Hypercalcaemia in glycogen storage disease type Ia : A case with R83H and 341delG mutations. J Inher Metab Dis 1999;22:937-8.
- 195.Hsu HL, Huang FC, Ni YH, Chang MH. Steroids used to desensitize penicillamine allergy in wilson Disease. Acta Paed Taiwanica 1999;40:448-50.
- 196.Ni YH, Lin JT, Huang SF, Yang JC, Chang MH\*. Accurate diagnosis of Helicobacter pylori infection by stool antigen test and six other currently available tests in children. J Pediatr 2000;136:823-7
- 197.Cheng MT, Chang MH, Hsu HY, et al. Choledochal cyst in infancy : A follow-up study. Acta Paediatrica Tw 2000 ;41:13-7.
- 198.Hwu WL, Chiang SC, Chang MH, Wang TR. Carnitine Transport Defect Presenting with Hyperammonemia” Report of One Case.Acta Paediatr Tw 2000;41:36-8.
- 199.Jeng YM, Wu MZ, Mao TL, Chang MH, Hsu HC. Somatic mutations of  $\beta$ -catenin play a crucial role in the tumorigenesis of sporadic hepatoblastoma. Cancer Letters 2000;152:45-51.
- 200.Chang PF, Huang SF, Hwu WL, Hou JW, Ni YH, Chang MH. Metabolic Disorders Mimicking Reye’s Syndrome.J Formos Med Assoc 2000;99:295-9.
- 201.Ni YH, Chang MH\*, Hsu HY, Chen HL. Long-term Follow-up Study of Core Gene Deletion Mutants in children With Chronic Hepatitis B Virus Infection.Hepatology 2000;32:124-128.
- 202.Yang TY, Chen HL, Ni YH, Hwu WL, Chang MH. Hereditary fructose intolerance presenting as Reye’s-like syndrome : Report of one case.. Acta Paediatrica Taiwanica 2000;41:218-20.
- 203.Chiang SC, Lee YM, Chang MH, Wang TR, KoTM, Hwu WL.

- Glucose-6-phosphatase gene mutations in Taiwan Chinese patients with glycogen storage disease type Ia. *J Hum Genet* 2000;45:197-9.
204. Chang MH\*, Shau WY, Chen CJ, Wu TC, Kong MS, Liang DC, et al. The Effect of Universal Hepatitis B Vaccination on Hepatocellular Carcinoma Rates In Boys and Girls. *JAMA* 2000 ;284:3040-42. [a]
205. Ho MC, Hu RH, Ni YH, Lai HS, Ko WJ, Chang MH, and Lee PH. Liver Transplantation in a Patient with Pulmonary Hypertension. *Transplantation Proceedings* 2000;32:2179-2181.
206. Tsai IJ , Chang MH\* , Chen HL, Ni YH, Lee PI, Chiu TY, Safary A. Immunogenicity and reactogenicity of the combined hepatitis A and B vaccine in young adults. *Vaccine* 2001;19:437-441. [a]
207. Wu ET, Chen HL, Ni YH, Lee PI, hsu HY, Lai HS. Chang MH. Bacterial cholangitis in patients with biliary atresia : impact on short-term outcome. *Pediatr Surg Int.*2001;17:390-5. [a]
208. Yang YJ, Chang MH, Ni YH. Sigmoid volvulus in children : Report of two cases. *J Formosan Med Assoc* 2001;100:134-6.
209. Ni YH, Chang MH\*, Huang LM, Chen HL, Hsu HY, Chiu TY, Tsai KS, Chen DS. Hepatitis B Virus infection in Children and adolescents in an hyperendemic area : 15 years after universal hepatitis B vaccination. *Ann Intern med* 2001;135:796-800. [a]
210. Hsu HY, Chang MH\*, Ni YH, Huang SF. Cytomegalovirus infection and proinflammatory cytokine activation modulate the surface immune determinant expression and immunogenicity of cultured murine extrahepatic bile duct epithelial cells. *Clin Exp Immunol* 2001;126:84-91. [a]
211. Chen HL, Chang PS, Hsu HC, Lee JH, Ni YH, Hsu HY, Jeng YM, Chang MH\*, Progressive familial intrahepatic cholestasis with high  $\gamma$ -glutamyltranspeptidase levels in Taiwanese Infants : Role of MDR3 gene defect. *Pediatric Research* 2001;50:50-5. [a]
212. Kao JH, Hsu HM, Shau WY, Chang MH, Chen DS. Universal hepatitis B vaccination and the decreased mortality from fulminant hepatitis in infants in Taiwan. *J Pediatr* 2001;139:349-52. [a]
213. Yang YJ, Yang JC, Jeng YM, Chang MH, Ni YH. Prevalence and rapid identification of clarithromycin resistant *Helicobacter pylori* isolates in children. *Pediatr Infect Dis J* 2001;20:662-6.
214. Yang CM, Hsu HY, Tsao PN, Chang MH, Lin FY. Recurrence of Intussusception in childhood. *Acta Paediatr Tw* 2001;42: 158-61.
215. Huang YC, Chen HL, Hsu WM, Chen SJ, Lai MW, Chang MH. Left Paraduodenal Hernia Presenting as Intestinal Obstruction: Report of

- One Case. *Acta Paediatr Tw* 2001;42:172-4.
216. Tseng HY, Lu CY, Lee CY, Yeh CC, Lin SC, Shi WY, Wu SY, Chang MH, Huang LM. Hepatitis A virus infection in Taipei in 1999. *J Formos Med Assoc* 2001;100:604-7.
217. Lee IH, Chen HL, Jeng YM, Cheng MT, Tsao LY, Chang MH\*. Congenital generalized lipodystrophy in a 4-month-old infant. *J Formos Med Assoc* 2001;100:623-7
218. Chen HL, Chang PS, Hsu HC, Ni YH, Hsu HY, Lee JH, Jeng YM, Shau WY, Chang MH\*. FIC1 and BSEP defects in Taiwanese patients with chronic intrahepatic cholestasis with low  $\gamma$ -glutamyltranspeptidase levels. *J Pediatr* 2002;140:119-24. [a]
219. Bu LN, Chen HL, Ni YH, Peng S, Jeng YM, Lai HS, Chang MH\*. Multiple intrahepatic biliary cysts in children with biliary atresia. *J Pediatr Surg* 2002;37:1183-87. [a]
220. Chiu SN, Ni YH, Lu MY, Lin DT, Lin KH, Lai HS, Chang MH\*. A trend of improved survival of childhood hepatoblastoma treated with cisplatin and doxorubicin in Taiwanese children. *Pediatric Surgery International* 2003;19:593-7. [a]
221. Tsuei DJ, Chang MH\*, Chen PJ, Hsu TY, Ni YH. Characterization of Intergration patterns and flanking cellular sequences of Hepatitis B Virus in Childhood Hepatocellular Carcinomas. *J Med Virol* 2002;68:513-21 [a]
222. Hsu HY, Ni YH, Chen HL, Kao JH, Chang MH\*. TT virus infection in healthy, posttransfusion children with non-A to E hepatitis or other liver diseases in Taiwan. *J Med Virol*. 2003;69:66-71 [a]
223. Ni YH, Chang MH\*, Hsu HY, Tsuei DJ. Different hepatitis B virus core gene mutations in children with chronic infection versus hepatocellular carcinoma. *Gut* 2003;52:122-5 [a]
224. Huang YC, Chen HL, Tsai KS, Tang JR, Ni YH, Chang MH. Serum  $\gamma$ -glutamyl transpeptidase activity bile acids, and liver function tests in normal Taiwanese infants. *Acta Paediatrica Taiwanica* 2002;43:245-8
225. Bu LN, Chen HL, Chang CJ, Ni YH, Hsu HY, Lai HS, Hsu WM, Chang MH\*. Prophylactic oral antibiotics against recurrence of cholangitis after the Kasai portoenterostomy. *J Pediatr Surg* 2003;38:590-593 [a]
226. Lin YC, Chang MH\*, Ni YH, Hsu HY, Chen DS. Long-term immunogenicity and efficacy of universal hepatitis B vaccination in

- Taiwan. *J Infect Dis* 2003;187:134-8. [a]
227. Hsu YS, Chang YC, Lee WT, Ni YH, Hsu HY, Chang MH\*. The diagnostic value of sensory-evoked potentials in paediatric Wilson disease. *Pediatr Neurology* 2003;29:42-45. [a]
228. Wu JF, Chen HL, Steven SF Peng, Yu , TW, Lee WT, Chang MH. Neurofibromatosis Type I and Intestinal Neuronal Dysplasia type B in a Child : Report of One Case. *Acta Paediatr Tw* 2003;44:232-4.
229. Chang PF, Ni YH\*, Chang MH. Percutaneous endoscopic gastrostomy to set up a long-term enteral feeding route in children : an encouraging result. *Pediatr Surg Int* .2003;19:283-285. [a]
230. Wu JF, Li HJ, Lee PI, Ni YH, Yu SC, Chang MH. Tuberculous peritonitis mimicking peritonitis carcinomatosa : a case report. *Eur J Pediatrics* 2003;162:853-855 [a]
231. Chang PS, Ni YH, Chang MH. Household Helicobacter Pylori Antibody Survey in Children with Upper Gastrointestinal Symptoms. *Acta Paediatr Tw* 2003;44:336-8.
232. Yang YJ, Liu CC, Chen TJ, Lee MF, Chen SH, Shih HH, Chang MH. Role of hepatitis B immunoglobulin in infants born to hepatitis B e antigen-negative carrier mothers in Taiwan. *Pediatr Infect Dis J*. 2003;22:584-8.
233. Chen HL, Chang CJ, Kong MS, Huang FC, Lee HC, Lin CC, Liu CC, Lee IH, Wu TZ, Wu SF, Ni YH, Hsu HY, Chen DS, Chang MH\*. Fulminant hepatic failure in children in endemic area of hepatitis B virus infection: 15 years after universal hepatitis B vaccination. *Hepatology* 2004;39:58-63 [a]
234. Wen WH, Chang MH\*, Hsu HY, Ni YH, Chen HL. The development of hepatocellular carcinoma among 426 prospectively followed children with chronic hepatitis B virus infection. *J Pediatrics* 2004;144:397-9 [a]
235. Huang YC, Ni YH, Lai HS, Chang MH. Corrosive esophagitis in children. *Pediatr Surg Int* 2004;20:207-210. [a]
236. Tsuei DJ, Hsu HC, Lee PH, Jeng YM, Pu YS, Chen CN, Lee YC, Chou WC, Chang CJ, Ni YH, Chang MH\*. RBMY, a male germ cell-specific RNA-binding protein, activated in human liver cancers and transforms rodent fibroblasts. *Oncogene* 2004;23:5815-5822. [a]
237. Chan PC, Chen HL, Ni YH, Hsu HY, Chang LY, Lee PI, Chang MH. Outcome predictors of fulminant hepatic failure in children. *J Formos Med Assoc* 2004;103:432-6.
238. Hsu HY, Chang MH\*, Ni YH, Chen HL. Survey of hepatitis B surface

- variant infection in children 15 years after nationwide vaccination program in Taiwan. *GUT* 2004;53:1499-1503 [a]
239. Yu CH, Chen HL, Chen WT, Lin YL, Chang MH\*. Portal hemodynamic changes after hepatocyte transplantation in acute hepatic failure. *Journal Biomedical Science*. 2004;11:756-763
240. Chen CY, Tsao PN, Chen HL, Chou HC, Hsieh WS, Chang MH\*. Ursodeoxycholic acid (UDCA) therapy in very low-birth-weight infants with parenteral nutrition-associated cholestasis. *The Journal of Pediatrics*. 2004;145:317-321 [a]
241. Ni YH, Chang MH\*, Wang KJ, Hsu HY, Chen HL, Kao JH, Tsai KS, Chen DS. Clinical relevance of hepatitis B virus genotype in children with chronic hepatitis B and hepatocellular carcinoma. *Gastroenterology*. 2004;127:1733-1738
242. Wu JF, Liou JH, Lien HC, Hsu WM, Fang YJ, Chang MH, Ni YH. Bleeding from Ileal Nodular Lymphoid Polyposis Identified by Capsule Endoscopy. *J Pediatr Gastroenterol Nutr*. 2004;39:295-298.
243. Hung PY, Ni YH, Hsu HY, Chang MH. Portal hypertension and duodenal ulcer in children. *J Pediatr Gastroenterol Nutr*. 2004;39:158-60.
244. Ni YH, Chang MH\*, Hsu HY, Tsuei DJ. Longitudinal study on mutation profiles of core promoter and precore regions of the hepatitis B virus genome in children. *Pediatr Res*. 2004;56:396-9.
245. Lee IH, Ni YH, Chang MH. Stable seroprevalence of *Helicobacter pylori* infection in children during 1989-1999 in Taipei, Taiwan. *Pediatr Int*. 2004;46:311-4. [a]
246. Tsai CH, Chen HL, Ni YH, Hsu HY, Jeng YM, Chang CJ, Chang MH\*. Characteristics and Trends in Incidence of Inflammatory Bowel Disease in Taiwanese Children. *J Formas Med Assoc* 2004;103:685-91. [a]
247. Chen CH, Ho MC, Lee PH, Chang MH, Jeng YM, Ni YH. A Child with Primary Sclerosing Cholangitis Successfully Treated by Liver Transplantation. *Acta Paediatr TW*. 2004;45:239-41.
248. Lu CY, Chiang BL, Chi WK, Chang MH, Ni YH, Hsu HM, Hsu HM, Twu SJ, Su IJ, Huang LM, Lee CY. Waning Immunity to Plasma-Derived Hepatitis B Vaccine and the Need for Boosters 15 Years After Neonatal Vaccination. *Hepatology* 2004;40:1415-1420. [a]
249. Lin YC, Ni YH, Chang MH. Gastro-esophageal reflux disease beyond infancy. *Pediatrics International* 2004;46:516-20 [a]
251. Hsu JY, Chen SJ, Wang JK, Lin MT, Ni YH, Chang MH, Wu MH.

- Clinical Implication of Hiatal Hernia in Patients with Right Isomerism. *Acta Paediatrica* 2005;94:1248-52
252. Chang MH\*, Chen T, Hsu HM, Wu TC, Kong MS, Liang DC, Ni YH, Chen CJ, Chen DS. Problems in the prevention of childhood hepatocellular carcinoma in the era of universal hepatitis B immunization. *Clinical Cancer Research* 2005;11:7953-7957. [a]
253. Wu PS, Chen HL, Yang YH, Jeng YM, Lee PI, Chang MH. Intestinal Behcet disease presenting as neonatal onset chronic diarrhea in an 11-month-old male baby. *Eur J Pediatr* 2005;164:523-525
254. Huang HP, Tsuei DJ, Wang KJ, Chen YL, Ni YH, Jeng YM, Chen HL, Hsu HY, Chang MH. Differential integration rates of hepatitis B virus DNA in the liver of children with chronic hepatitis B virus infection and hepatocellular carcinoma. *J Gastroenterol Hepatol* 2005;20:1206-1214. [a]
255. Chan PC, Chen HL, Kong MS, Huang FC, Lee HC, Lin CC, Lee IH, Wu TC, Wu SF, Ni YH, Hsu HY, Chang MH. Factors affecting the mortality of pediatric fulminant hepatic failure in relation to hepatitis B virus infection. *J Gastroenterol Hepatol* 2005;20:1223-1227. [a]
256. Ho WL, Yang TW, Chi WC, Chang HJ, Huang LM, Chang MH. Intussusception in Taiwanese Children: Analysis of Incidence, Length of Hospitalization and Hospital Costs in Different Age Groups. *J Formos med Assoc.* 2005;104:398-401.
257. Wen WH, Chen HL, Chang MH, Ni YH, Shih HH, Lai HS, Hsu WM. Fecal Elastase 1, Serum Amylase and Lipase Levels in Children with Cholestasis. *Pancreatology* 2005;5:432-437. [a]
258. Ni YH, Huang FC, Wu TC, Kong MS, Jeng YM, Chen PJ, Tsuei DJ, Chen HL, Hsu HY, Chang MH\*. Lamivudine treatment in maternally transmitted chronic hepatitis B virus I patients. *Pediatr Int.* 2005;47:372-7.
259. Chen HL, Chen HL, Liu YJ, Feng CH, Wu CY, Shyu MK, Yuan RH, Chang MH\*. Developmental expression of canalicular transporter genes in human liver. *Journal of Hepatology* 2005;43:472-477. [a]
260. Wang CW, Wang LC, Chang MH\*, Ni YH. The Correlation between Radioimmunoassay and Enzyme Immunoassay for the Detection of Antibody to Hepatitis B Surface Antigen and Its Decay Rate: long-term immunogenicity of universal HBV vaccination in infancy in a hyperendemic area. *Clinical and Diagnostic Laboratory Immunology* 2005;12:1442-7 [a]
261. Huang HP, Chien YH, Huang LM, Ni YH, Chang MH, Ho MC, Lee PH,

- Hwu WL. Viral Infections and Prolonged Fever After Liver Transplantation in Young Children with Inborn Errors of Metabolism. *J Formos Med Assoc* 2005;104:623-9.
262. Lee CH, Ling QD, Chang MH. Characterization of De Novo Genomic Alterations in HBV-Producing hepatoma cells using array comparative genomic hybridization. *J Cancer Molecules* 2005;1:93-8.
263. Chen SM, Chang MH\*, Du JC, Lin CC, Lee HC, Chen AC, Yang YJ, Chen Huey-Ling, Chu CH. Screening for biliary atresia by infant stool color card in Taiwan. *Pediatrics* 2006;117:1147-1154. [a]
264. Hung PY, Chen CC, Chen WJ, Lai HS, Hsu WM, Lee PH, Ho MC, Chen Tony HH, Ni YH, Chen HL, Hsu HY, Chang MH\*. Long-Term Prognosis In Patients With Biliary Atresia:A 25-Year Summary. *Journal of Pediatric Gastroenterology and Nutrition*. 2006;42:190-195 [a]
265. Hsu HY, Ni YH, Chiang CL, Shyu MK, Chen HL, Chang MH\*. SEN virus infection in children in Taiwan: Transmission route and its role in blood transfusion and liver diseases. *Pediatr Infect Dis J* 2006;25:390-394 [a]
266. Lee JH, Chen HL, Chen HL, Ni YH, Hsu HY, Chang MH\*. Neonatal Dubin-Johnson syndrome:Long-term Follow-up and MRP2 Mutation study. *Pediatr Research* 2006;59:584-9. [a]
267. Wu JF, Chen CH, Hsieh RP, Shih HH, Chen YH, Li CR, Chiang CY, Shau WY, Ni YH, Chen HL, Hsu HY, Chang MH\*. HLA typing Associated with Hepatitis B e Antigen Seroconversion in Children With Chronic Hepatitis B Virus Infection: A Long-term Prospective Sibling Cohort Study in Taiwan. *Journal of Pediatrics* 2006;148:6417-51 [a]
268. Yeh JN, Chen HL, Ni YH, Hwu WL, Hsu HY, Chang MH\*. Hepatic Steatosis and Neonatal Intrahepatic Cholestasis Caused by Citrin Deficiency (NICCD) in Taiwan Infants. *Journal of Pediatrics* 2006;148:642-6 [a]
269. Lee NC, Chien YH, Kobayashi K, Saheki T, Chen HL, Chiu PC, Ni YH, Chang MH, Hwu WL. Time Course of Acylcarnitine Elevation in Neonatal Intrahepatic Cholestasis caused by Citrin Deficiency. *J of Inherited Metabolic Disease* 2006;29:551-555. [a]
270. Lai YC, Ni YH, Jou ST, Ho MC, Wu JF, Chen HL, Hu RH, Jeng YM, Chang MH, Lee PH\*. Post-transplantation lymphoproliferative disorders localizing to the gastrointestinal tract after liver transplantation:Report of five pediatric cases. *Pediatr Transplant*. 2006 May;10(3):390-4.



271. Tung YC, Ni YH, Lai HS, Hsieh DY, Chang MH\*. Clinical improvement following home parenteral nutrition in pediatric patients with intestinal failure. *J Formos Med Assoc.* 2006 May;105(5):399-403. [a]
272. Wu JF, Chiang BL, Chen HL, Lai HS, Chang MH, Ni YH. Impaired T-Lymphocyte Proliferation Function in Biliary Atresia Patients with Chronic Cholestatic Jaundice After a Kasai Operation. *Pediatr Res.* 2006; 60(5):602-6 [a]
273. Chen SM, Ni YH, Chen HL, Chang MH. Microbial etiology of acute gastroenteritis in hospitalized children in Taiwan. *J Formos Med Assoc.* 2006 Dec;105(12):964-70.
274. Chen HW, Hsu WM, Chang MH, Chen CY, Chou HC, Tsao PN, Hsieh WS. Embryonic Biliary Atresia in a Very-low-birth-weight Premature Infant. *J Formos Med Assoc* 2007;106:78-81.
275. Su WJ, Chen HL, Lai HS, Ni YH\*, Chang MH. Pancreaticobiliary Anomalies is the Leading Cause of Childhood Recurrent Pancreatitis. *J Formos Med Assoc* 2007;106(2):119-125.
276. Ni YH, Huang LM, Chang MH\*, Yen CJ, Lu CY, You SL, Kao JH, Lin YC, Chen HL, Hsu HY, Chen DS. Two Decades of Universal Hepatitis B Vaccination in Taiwan : Impact and Implication for Future Strategies. *Gastroenterology* 2007;132:1287-1293. [a]
277. Yuan RH, Chen HL, Chen HL, Hsu MK, Lee PH, Chang MH\*. Attenuation of Kupffer Cell Function in Acute on Chronic Liver Injury Enhanced Engraftment of Transplanted Hepatocytes. *World J Surg.* 2007;31:1272-1277. [a]
278. Hsiao CH, Wei SC, Wong JM, Lai HS, Chang MH, Ni YH. Pediatric Crohn disease: clinical and genetic characteristics in Taiwan. *J Pediatr Gastroenterol Nutr.* 2007;44:342-6. [a]
279. Chiu CC, Huang GT, Chou SH, Chien CT, Chiou LL, Chang MH, Lee HS, Chen DS. Characterization of cytokeratin 19-positive hepatocyte foci in the regenerating rat liver after 2-AAF/CCI(4) injury. *Histochem Cell Biol.* 2007;128:217-26. [a]
280. Bu LN, Chang MH, Ni YH, Chen HL, Chen CC. *Lactobacillus casei rhamnosus Lcr35* in children with chronic constipation. *Pediatr Int.* 2007;49:485-90. [a]
281. Ni YH, Chang MH\*, Chen PJ, Tsai KS, Hsu HY, Chen HL, Tsuei DJ, Chen DS. Viremia profiles in children with chronic hepatitis spontaneous antigen seroconversion. *Gastroenterology.* 2007;132:2340-5. [a]
282. Weng HL, Yang SC, Lee PH, Lai HS, Ho MC, Chang MH\*. Growth and

- Bone Density Before and After Liver Transplantation in Children with Biliary Atresia. *Formosan J Med* 2007;11:8-14
283. Ni YH, Chang MH\*, Hsu HY, Tung YC, Chen HL, Wang KJ, Tsuei DJ, Young NC. Mutations of T-Cell Epitopes in the Hepatitis B Virus Surface Gene in Children With Chronic Infection and Hepatocellular Carcinoma. *Am J Gastroenterol.* 2008;103:1004-9[[@](#)]
284. Hsiao CH, Chang MH\*, Chen HL, Lee HC, Wu TC, Lin CC, Yang YJ, Chen AC, Tiao MM, Lau BH, Chu CH, Lai MW, Taiwan Infant Stool Color Card Study Group. Universal screening for biliary atresia using an infant stool color card in Taiwan. *Hepatology* . 2008;47:1233-1240. [[@](#)]
285. Lin YC, Lai HS, Hsu YM, Lee PI, Chen HL, Chang MH\*. Mutation analysis of endothelin-B receptor gene in patients with Hirschsprung disease in Taiwan. *J Pediatr Gastroenterol Nutr.*2008;46:36-40
286. Lu CY, Ni YH, Chiang BL, Chen PJ, Chang MH, Chang LY, Su IJ, Steve Kuo, Huang LM, Chen DS, Lee CY. Humoral and Cellular Immune Responses to a Hepatitis B Vaccine Booster 15-18 Years after Neonatal Immunization. *J Infectious Diseases.* 2008,15:197:1419-26
287. Chen HL, Wang R, Chen HL, Hwu WL, Jeng YM, Chang MH\*, Ling V. Bone marrow transplantation results in donor-derived hepatocytes in an animal model of inherited cholestatic liver disease. *J Biomed Sci.* 2008;15:615-22
288. Hsu HY, Tsai HY, Wu TC, Chiang CL, Ni YH, Chen PJ, Chang MH\*. Interferon-alpha treatment in children and young adults with chronic hepatitis B: a long-term follow-up study in Taiwan. *Liver Int.* 2008;28:1288-1297[[@](#)]
289. Wu JF, Ni YH\*, Chen HL, Hsu HY, Lai HS, Chang MH. Inadequate humoral immunogenicity to recombinant hepatitis B virus vaccine in biliary atresia children. *Pediatr Res.*2008;64:100-4
290. Chen HL, Liu YJ, Chen HL, Wu SH, Ni YH, Ho MC, Lai HS, Hsu WM, Hsu HY, Tseng HC, Jeng YM, Chang MH\*. Expression of hepatocyte transporters and nuclear receptors in children with early and late-stage biliary atresia. *Pediatr Res.* 2008;63:667-73.
291. Chen HW, Chen HL, Ni YH, Lee NC, Chien YH, Hwu WL, Huang YT, Chiu PC, Chang MH\*. Chubby face and the biochemical parameters for the early diagnosis of neonatal intrahepatic cholestaissi caused by citrin deficiency. *J Pediatr Gastroenterol Nutr* 2008 ;47:187-92.
292. Chen ST, Chen HL, su YN, Liu YJ, Ni YH, Hsu HY, Chu CS, Wang NY,

- Chang MH\*. Prenatal diagnosis of progressive familial intrahepatic cholestasis type 2. *J Gastroenterol Hepatol.* 2008;23:1390-3.
293. Chen HL, Liu YJ, Su YN, Wang NY, Wu SH, Ni YH, Hsu HY, Wu TC, Chang MH\*. Diagnosis of BSEP/ABCB11 mutations in Asian patients with cholestasis using denaturing high performance liquid chromatography. *J Pediatr.* 2008 ;153:825-832.
294. Ni YH, Ho MC, Wu JF, Chen HL, Wu YM, Hu RH, Lee PH\*, Chang MH. Response to booster hepatitis B vaccines in liver-transplanted children primarily vaccinated in infancy. *Transplantation.* 2008 Dec 15;86(11):1531-5.
295. Yeh SH, Ni YH, Jeng YM, Chen HL, Wu JF, Chang MH\*. Emerging Importance of Autoimmune Hepatitis in Children in Taiwan, an Endemic Area for Viral Hepatitis. *Pediatr Neonatol* 2009;50:65-69.
296. Chang MH\*, You SL, Chen CJ, Liu CJ, Lee CM, Lin SM, Chu HC, Wu TC, Yang SS, Kuo HS, Chen DS; Taiwan Hepatoma Study Group. Decreased incidence of hepatocellular carcinoma in hepatitis B vaccines: a 20-year follow-up study. *J Natl Cancer Inst.* 2009 ;101:1348-55.
297. Su Wj, Ho MC, Ni YH, Chen HL, Hu RH, Wu YM, Chang MH, Lee PH. High-titer antibody to hepatitis B surface antigen before liver transplantation can prevent de novo hepatitis B infection. *J Pediatr Gastroenterol Nutr.* 2009;48:203-8.
298. Wu JF, Ho MC, Ni YH, Chen HL, Lu CY, Hsu HY, Lee PH, Chang MH. Timing of Epstein-Barr virus acquisition and the course of posttransplantation lymphoproliferative disorder in children. *Transplantation.* 2009;87:758-62.
299. Wu JF, Ni YH, Chen HL, Hsu HY, Lai Hs, Chang MH. Humoral immunogenicity to measles, rubella, and varicella-zoster vaccines in biliary atresia children. *Vaccine.* 2009;27:2812-5.
300. Chang CC, Chang MH, Lin TY, Lee HC, Hsieh WS, Lee PI. Experience of pentavalent human-bovine reassortant rotavirus vaccine among healthy infants in Taiwan. *J Formos Med Assoc.* 2009;108:280-5.
301. Yu CH, Chen HL, Chen YH, Chang MF, Chien CS, Chang MH\*. Impaired Hepatocyte Regeneration in Acute Severe Hepatic Injury Enhances Effective Repopulation by Transplanted Hepatocytes. *Cell Transplant.* 2009;18:1081-92.
302. Lu YY, Wu JF, Ni YH, Peng SS, Shun CT, Chang MH\*. Hypocalcemia and tetany caused by vitamin d deficiency in a child with intestinal lymphangiectasia. *J Formos Med Assoc.* 2009;108:814-8.

303. Chen ST, Chen HL, Ni YH, Chien YH, Jeng YM, Chang MH\*, Hwu WL. X-linked liver glycogenosis in a Taiwanese family: transmission from undiagnosed males. *Pediatr Neonatol.* 2009;50:230-3.
304. Chen ST, Ni YH, Chen PJ, Chen HL, Jeng YM, Lu MY, Wu JF, Hsu HY, Chang MH\*. Low viraemia at enrollment in children with chronic hepatitis C favours spontaneous viral clearance. *J Viral Hepat;*2009;16:796-801.
305. Lin YC, Chang PF, Hu FC, Chang MH, Ni YH. Variants in the UGT1A1 gene and the risk of pediatric nonalcoholic fatty liver disease. *Pediatrics.*2009;124:1221-7.
306. Huang HP, Hsu HY, Chen CL, Ni YH, Wang HY, Tsuei DJ, Chiang CL, Tsai YC, Chen HL, Chang MH\*. Pre-S2 deletions of hepatitis B virus and hepatocellular carcinoma in children. *Pediatr Res.* 2010;67:90-4.
307. Yeh SH, Ni YH, Hsu WM, Chen HL, Wu JF, Chang MH\*. Use of retrograde Esophagoscopy in Delayed Primary Esophageal Anastomosis for Isolated Esophageal Atresia. *Eur J Pediatr Surg.*2010;20:40-4.
308. Wu JF, Wu TC, Chen CH, Ni YH, Chen HL, Hsu HY, Chang MH\*. Serum Levels of Interleukin 10 and 12 predict Early, Spontaneous Hepatitis B Viruse Antigen Seroconversion. *Gastroenterology.* 2010;138:165-172
309. Wu JF, Tsai WY, Hsu HY, Ni YH, Chen HL, Tsuei DJ, Chang MH\*. Effect of Puberty Onset on Spontaneous Hepatitis B Virus e Antigen Seroconversion in Men. *Gastroenterology.* 2010;138:942-948.
310. Hsu HY, Chang MH\*, Ni YH, Chiang CL, Chen HL, Wu JF, Chen PJ. No increase of hepatitis B surface antigen mutant prevailing in a children and adolescent population fully covered by universal infant immunization. *J Infect Dis,* 2010;15:1192-1200
311. Yu CH, Chang MH\*, Chien CS, Chen YH, Chang MF, Chen HL. Hepatocyte transplantation and the differentiation fate of host oval cells in acute severe hepatic injury. *Cell Transplant.* 2010;19:231-43.
312. Chen CY, Ni YH, Chen HL, Lu FL, Chang MH. Lamivudine treatment in infantile fulminant hepatitis B. *Pediatr Int* 2010 ;52:672-4.
313. Wang HY, Chien MH, Huang HP, Chang HC, Wu CC, Chen PJ, Chang MH\*, Chen DS. Distinct hepatitis B virus dynamics in the immunotolerant and early immunoclearance phases. *J Virol* 2010 ;84:3454-63.

314. Chen CY, Hsu HY, Liu CC, Chang MH, Ni YH. Stable seroepidemiology of hepatitis B after universal immunization in Taiwan: A 3-year study of national surveillance of primary school students. *Vaccine* 2010 ; 28:5605-8.
315. Chen W, Chang MH. New growth charts for Taiwanese children and adolescents based on World Health Organization standards and health-related physical fitness. *Pediatr Neonatol.* 2010 ; 51:69-79.
316. Su WJ, Ho MC, Ni YH, Wu JF, Jeng YM, Chen HL, Wu YM, Hu RH, Chang MH, Lee PH. Clinical course of de novo hepatitis B infection after pediatric liver transplantation. *Liver Transpl* 2010 ;16:215-21.
317. Mohan N, González-Peralta RP, Fujisawa T, Chang MH, Heller S, Jara P, Kelly D, Mieli-Vergani G, Shah U, Murray KF. Chronic hepatitis C virus infection in children. *J Pediatr Gastroenterol Nutr.* 2010 ;50:123-31.
318. Yang MC, Chang MH\*, Chiu SN, Peng SF, Wu JF, Ni YH, Chen HL. Implication of early-onset biliary atresia and extrahepatic congenital anomalies. *Pediatr Int.* 2010 ;52:569-72.
319. Yeh SH, Ni YH, Hsu WM, Chen HL, Wu JF, Chang MH. Use of retrograde esophagoscopy in delayed primary esophageal anastomosis for isolated esophageal atresia. *Eur J Pediatr Surg.* 2010 ;20:40-4.
320. Chen SC, Yeh JJ, Chang MH, Liao YK, Hsiao LC, Neoh CA, Tok TS, Wang JD. Gender difference of alanine aminotransferase elevation may be associated with higher hemoglobin levels among male adolescents. *PLoS One.* 2010 Oct 12;5(10). pii: e13269.
321. Kao PC, Wu JF, Ni YH, Lin YT, Chen HL, Huey-Jen Hsu S, Hsu HY, Chang MH\*. Tumour necrosis factor- $\alpha$  promoter region polymorphisms affect the course of spontaneous HBsAg clearance. *Liver Int.* 2010;31:1478-3223.
322. Chou HC, Chen MH, Yang HI, Su YN, Hsieh WS, Chen CY, Chen HL, Chang MH, Tsao PN. 211 G to A Variation of UDP-Glucuronosyl Transferase 1A1 Gene and Neonatal Breastfeeding Jaundice. *Pediatr Res.* 2011 ;69:170-4.
323. Lien TH, Chang MH\*, Wu JF, Chen HL, Lee HC, Chen AC, Tiao MM, Wu TC, Yang YJ, Lin CC, Lai MW, Hsu HY, Ni YH; Taiwan Infant Stool Color Card Study Group. Effect of the infant stool color card screening program on 5-year outcome of biliary atresia in Taiwan. *Hepatology.* 2011 Jan;53(1):202-8.

324. Wen WH, Chen HL, Ni YH, Hsu HY, Kao JH, Hu FC, Chang MH\*. Secular trend of the viral genotype distribution in children with chronic hepatitis B virus infection after universal infant immunization. *Hepatology*. 2011 Feb;53(2):429-36. 57.
325. Wu JF, Ni YH, Lin YT, Lee TJ, Hsu SH, Chen HL, Tsuei DJ, Hsu HY, Chang MH\*. Human interleukin-10 genotypes are associated with different precore/core gene mutation patterns in children with chronic hepatitis B virus infection. *J Pediatr*. 2011 ;158:808-13.
326. Lin YC, Chang PF, Hu FC, Yang WS, Chang MH, Ni YH. A common variant in the PNPLA3 gene is a risk factor for non-alcoholic fatty liver disease in obese Taiwanese children. *J Pediatr*. 2011;158:740-4.
327. Liao MT, Chang MH, Lin FG, Tsai IJ, Chang YW, Tsau YK. Universal Hepatitis B Vaccination Reduces Childhood Hepatitis B Virus-Associated Membranous Nephropathy. *Pediatrics* 2011;128:e600-e604
328. Tsuei DJ, Lee PH, Peng HY, Lu SL, Su DS, Jeng YM, Hsu HC, Hsu SH, Wu JF, Ni YH, Chang MH\*. Male Germ Cell-Specific RNA Binding Protein RBMY: A new oncogene explaining male predominance in liver cancer. *PLoS One*. 2011;6(11):e26948.
329. Tseng YR, Wu JF, Ni YH, Chen HL, Chen CC, Wen WH, Hsu HY, Chang MH\*. Long-term effect of maternal HBeAg on delayed HBeAg seroconversion in offspring with chronic hepatitis B infection. *Liver Int*. 2011 ;31:1373-80.
330. Shen YM, Wu JF, Chen HL, Hsu HY, Chang MH, Hsieh TK, Ni YH. Characteristics and incidences of pediatric Crohn's disease in the decades before and after 2000. *Pediatr Neonatol*. 2011 ;52:317-20.
331. Aziz S, Rajper J, Noor-Ul-Ain W, Mehnaz A, Masroor M, Chang MH. Interferon-alpha treatment of children and young adults with chronic hepatitis delta virus (HDV) infection. *J Coll Physicians Surg Pak*. 2011 ;21: 735 –40.
332. Tien FM, Wu JF, Jeng YM, Hsu HY, Ni YH, Chang MH, Lin DT, Chen HL.. Clinical features and treatment responses of children with eosinophilic gastroenteritis. *Pediatr Neonatol*. 2011 ;52:272-8.
333. Lin YC, Chang MH\*, Liao SF, Wu JF, Ni YH, Tiao MM, Lai MW, Lee HC, Lin CC, Wu TC, Lau BH, Tsai TC, Yang YJ, Chen AC, Shih HH, Lee IH, Lee WC, Chen HL, Hsu HY, Chiou ST; the Taiwan Infant Stool Color Card Study Group. Decreasing Rate of Biliary Atresia in Taiwan: A Survey, 2004-2009. *Pediatrics*. 2011;128(3)e530-6.

334. Huang HP, Chang MH, Chen YT, Hsu HY, Chiang CL, Cheng TS, Wu YM, Wu MZ, Hsu YC, Shen CC, Lee CN, Chuang YH, Hong CL, Jeng YM, Chen PH, Chen HL, Lee MS. Persistent elevation of hepatocyte growth factor activator inhibitors in cholangiopathies affects liver fibrosis and differentiation. *Hepatology*. 2011;55:161-72.
335. Wu JF, Kao PC, Chen HL, Lai HS, Hsu HY, Chang MH, Ni YH. A high serum interleukin-12p40 level prior to kasai surgery predict a favourable outcome in children with biliary atresia. *Liver Int* 2012;32(10):1557-63
336. Wu JF, Chen CH, Ni YH, Lin YT, Chen HL, Hsu HY, Chang MH\*. Toll-like receptor and Hepatitis B Virus Clearance in Chronic Infected Patients: A Long-Term Prospective Cohort Study in Taiwan. *J Infect Dis* 2012,206:662-8.
337. Ni YH, Chang MH\*, Wu JF, Hsu HY, Chen HL, Chen DS. Minimization of hepatitis B infection by a 25-year universal vaccination program. *J Hepatol* 2012,57:730-5.
338. Wu JF, Hsu HY, Ni YH, Chen HL, Wu TC, Chang MH\*. Suppression of furin by interferon- $\gamma$  and the impact on hepatitis B virus antigen biosynthesis in human hepatocytes. *Am J Pathol*, 2012 181:19-25.
339. Shen YM, Wu JF, Hsu HY, Ni YH, Chang MH, Liu YW, Lai HS, Hsu WM, Weng HL, Chen HL. A Pilot Study of an Oral Absorbable Fat-Soluble Vitamin Formulation in Pediatric Patients with Cholestasis. *J Pediatr Gastroenterol Nutr* 2012; 55(5):587-91.
340. Chen ST, Su YN, Ni YH, Hwu WL, Lee NC, Chien YH, Chang CC, Chen HL, Chang MH. Diagnosis of neonatal intrahepatic cholestasis caused by citrin deficiency using high-resolution melting analysis and a clinical scoring system. *J Pediatr* 2012;161:626-631.
341. Chen HL, Chen HL, Yuan RH, Wu SH, Chen YH, Chien CS, Chou SP, Wang R, Ling V, Chang MH\*. Hepatocyte Transplantation in Bile Salt Export Pump-deficient Mice: Selective Growth Advantage of Donor Hepatocytes under Bile Acid Stress. *J Cell Mol mMed*. 2012;16(11):2679-89
342. Su WJ, Liu CC, Liu DP, Chen SF, Huang JJ, Chan TC, Chang MH\*. Effect of age on the incidence of acute hepatitis B after 25 years of a universal newborn hepatitis B immunization program in Taiwan. *J Infect Dis*. 2012;205:757-62.
343. Nel E, Sokol RJ, Comparcola D, Nobili V, Hardikar W, Gana JC, Abarca K, Wu JF, Chang MH, Renner JK. Viral Hepatitis in Children. *J Pediatr Gastroenterol Nutr* 2012;55:500-5.

344. Wu JF, Chen CH, Ni YH, Lin YT, Chen HL, Hsu HY, Chang MH\*. Toll-like receptor and hepatitis B virus clearance in chronic infected patients: a long-term prospective cohort study in Taiwan. *J Infect Dis* 2012;206:662-8.
345. Chen CA, Wang JK, Lue HC, Hus YC, Chang MH, Wu MH. A shift from underweight to overweight and obesity in Asian children and adolescents with congenital heart disease. *Paediatr Perinat Epidemiol.* 2012 ;26:336-43.
346. Wu JF, Su YR, Chen CH, Chen HL, Ni YH, Hsu HY, Wang JL, Chang MH\*. Predictive effect of serial serum alanine aminotransferase levels on spontaneous HBeAg seroconversion in chronic genotypes B and C HBV infected children. *J Pediatr Gastroenterol Nutr.* 2012 ;54:97-100.
347. Chen HL, Lin LH, Hu FC, Lee JT, Lin WT, Yang YJ, Huang FC, Wu SF, Chen SC, Wen WH, Chu CH, Ni YH, Hsu HY, Tsai PL, Chiang CL, Shyu MK, Lee PI, Chang FY, Chang MH\*. Effects of Maternal Screening and Universal Immunization to Prevent Mother- To- Infant Transmission of HBV. *Gastroenterology.* 2012; 142: 773-781.
348. Chen YH, Chang MH, Chien CS, Wu SH, Yu CH, Chen HL. Contribution of mature hepatocytes to small hepatocyte-like progenitor cells in retorsine-exposed rats with chimeric livers. *Hepatology* 2013;57:1215-24.
349. Wu TH, Hsu SH, Chang MH, Huang YY. Reducing scar formation by regulation of IL-1 and MMP-9 expression by using sustained release of prednisolone-loaded PDLA microspheres in a murine wound model. *J Biomed Mater Res A.* 2013;101:1165-72.
350. Su WJ, Chen HL, Chang MH\*. Breakthrough hepatitis B Virus (HBV) infection from mother-to-infant transmission is the key problem hindering HBV eradication. *J Infect Dis.* 2013;208:1036-7.
351. Wu JF, Hsu WC, Tseng PH, Wang HP, Hsu HY, Chang MH, Ni YH. Combined multichannel intraluminal impedance and pH monitoring assists the diagnosis of sliding hiatal hernia in children with gastroesophageal reflux disease. *J Gastroenterol.* 2013 ;48: 1242-8.
352. Wen WH, Chang MH, Zhao LL, Ni YH, Hsu HY, Wu JF, Chen PJ, Chen DS, Chen HL. Mother-to-infant transmission of hepatitis B virus infection: significance of maternal viral load and strategies for intervention. *J Hepatol.* 2013 ;59:24-30.



353. Lee PI, Chen PY, Huang YC, Lee CY, Lu CY, Chang MH, Lin YZ, Chiu NC, Ni YH, Chen CM, Chang LY, Tang RB, Huang LM, Huang YF, Hwang KP, Hwang B, Lin TY. Recommendations for rotavirus vaccine. *Pediatr Neonatol* 2013 ;54:355-9.
354. Hsu HY, Chang MH\*, Ni YH, Jeng YM, Chiang CL, Chen HL, Wu JF, Chen PJ. Long-term follow-up of children with postnatal immunoprophylaxis failure who were infected with hepatitis B virus surface antigen gene mutant. *J Infect Dis.* 2013; 207: 1047- 57.
355. Lin YC, Chang PF, Chang MH, Ni YH. A common variant in the peroxisome proliferator-activated receptor- $\gamma$  coactivator-1 $\alpha$  gene is associated with nonalcoholic fatty liver disease in obese children. *Am J Clin Nutr.* 2013 ;97:326-31.
356. Chen CY, Ho MC, Wu JF, Jeng YM, Chen HL, Chang MH, Lee PH, Hu RH, Ni YH. .Development of autoantibodies after pediatric liver transplantation. *Pediatr Transplant.* 2013 Mar;17(2):144-8.
357. Chen YH, Chang MH, Chien CS, Wu SH, Yu CH, Chen HL. Contribution of mature hepatocytes to small hepatocyte-like progenitor cells in retrorsine-exposed rats with chimeric livers. *Hepatology.* 2013;57:1215-24.
358. Wu TH, Hsu SH, Chang MH, Huang YY. Reducing scar formation by regulation of IL-1 and MMP-9 expression by using sustained release of prednisolone-loaded PDL microsphere in a murine wound model. *J Biomed Mater Res A.* 2013 Apr;101(4):1165-72.
359. Chiu CY, Chen PH, Chan CF, Chang MH, Wu TC, the Taiwan Infant Stool Color Card Study Group. Biliary Atresia in Preterm Infants in Taiwan: A Nationwide Survey. *J Pediatr* 2013;163:100-3.
360. Wu JF, Tsai WY, Tung YC, Chen HL, Ni YH, Hsu HY, Chang MH. Role of serum dehydroepiandrosterone sulfate level on the clearance of chronic hepatitis B virus infection. *J Gastroenterol.* 2014 ;49:900-6.
361. Wu JF, Tsai WY, Tung YC, Chen HL, Ni YH, Hsu HY, Chang MH. Effect of Menarche Onset on the Clinical Course in Females with Chronic Hepatitis B Virus Infection. *J Pediatr.* 2014;165:534-8.
362. Chen CY, Chen HL, Chou HC, Tsao PN, Hsieh WS, Chang MH. Weight-based policy of hepatitis B vaccination in very low birth weight infants in Taiwan: a retrospective cross-sectional study. *PLoS One* 2014; 9:e92271.

363. Lin YC, Chang PF, Chang MH, Ni YH. Genetic variants in GCKR and PNPLA3 confer susceptibility to nonalcoholic fatty liver disease in obese individuals. *Am J Clin Nutr.* 2014 ;99:869-74.
364. Chou HC, Chien CT, Tsao PN, Hsieh WS, Chen CY, Chang MH\*. Prediction of severe neonatal hyperbilirubinemia using cord blood hydrogen peroxide: a prospective study. *PLoS One* 2014 ;9: e86797.
365. Wu JF, Ni YH, Chen HL, Hsu HY, Chang MH\*. The impact of hepatitis B virus precore/core gene carboxyl terminal mutations on viral biosynthesis and the host immune response. *J Infect Dis.* 2014 ;209:1374-81.
366. Wu JF, Tsai WY, Tung YC, Chen HL, Ni YH, Hsu HY, Chang MH\*. Role of serum dehydroepiandrosterone sulfate level on the clearance of chronic hepatitis B virus infection. *J Gastroenterol.* 2014 ;49:900-6.
367. Tseng YR, Wu JF, Kong MS, Hu FC, Yang YJ, Yeung CY, Huang FC, Huang IF, Ni YH, Hsu HY, Chang MH, Chen HL. Infantile hepatitis B in immunized children: risk for fulminant hepatitis and long-term outcomes. *PLoS One* 2014 ;9:e111825.
368. Lu FT, Wu JF, Hsu HY, Ni YH, Chang MH, Chao CI, Chen HL.  $\gamma$ -Glutamyl transpeptidase level as a screening marker among diverse etiologies of infantile intrahepatic cholestasis. *J Pediatr Gastroenterol Nutr.* 2014 ;59:695-701.
369. Chiu YC, Liao SF, Wu JF, Lin CY, Lee WC, Chen HL, Ni YH, Hsu HY, Chang MH\*. Factors affecting the natural decay of hepatitis B surface antigen in children with chronic hepatitis B virus infection during long-term follow-up. *J Pediatr.* 2014;165:767-72.
370. Wu JF, Hsu HY, Chiu YC, Chen HL, Ni YH, Chang MH\*. The effects of cytokines on spontaneous hepatitis B surface antigen seroconversion in chronic hepatitis B virus infection. *J Immunol* 2015 15;194(2):690-6.
371. Hsu HY, Chang MH\*, Ni YH, Chiang CL, Wu JF, Chen HL. Universal infant immunization and occult hepatitis B virus infection in children and adolescents: a population-based study. *Hepatology* 2015 ;61:1183-91.
372. Lien TH, Bu LN, Wu JF, Chen HL, Chen AC, Lai MW, Shih HH, Lee IH, Hsu HY, Ni YH, Chang MH\*. Use of *Lactobacillus casei* rhamnosus to Prevent Cholangitis in Biliary Atresia after Kasai Operation: A Randomized Study. *J Pediatr Gastroenterol Nutr* 2015 ;60:654-8.

373. Chen HL, Lee CN, Chang CH, Ni YH, Shyu MK, Chen SM, Hu JJ, Lin HH, Zhao LL, Mu SC, Lai MW, Lee CL, Lin HM, Tsai MS, Hsu JJ, Chen DS, Arnold Chan K, Chang MH\*. Efficacy of maternal tenofovir disoproxil fumarate in interrupting mother-to-infant transmission of hepatitis B virus. *Hepatology*. 2015 ;62:375-386.
374. Chua HH, Tsuei DJ, Lee PH, Jeng YM, Lu J, Wu JF, Su DS, Chen YH, Chien CS, Kao PC, Lee CN, Hu RH, Ni YH, Chang MH\*. RBMY, a novel inhibitor of glycogen synthase kinase 3 $\beta$ , increases tumor stemness and predicts poor prognosis of hepatocellular carcinoma. *Hepatology*. 2015 ;62:1480-96.
375. Chen YH, Chen HL, Chien CS, Wu SH, Ho YT, Yu CH, Chang MH\*. Contribution of Mature Hepatocytes to Biliary Regeneration in Rats with Acute and Chronic Biliary Injury. *PLoS One*. 2015;10(8): e0134327.
376. Wu FY, Liao YW, Wu JF, Chen HL, Hsu HY, Chang MH, Ni YH. A Simple and Rapid Test-card Method to Detect Hepatitis B Surface Antigen and Antibody: Potential Application in Young Children and Infants. *Pediatr Neonatol*. 2016: 57(3):219-24.
377. Wu JF, Chiu YC, Chang KC, Chen HL, Ni YH, Hsu HY, Chang MH\*. Predictors of hepatitis B e antigen-negative hepatitis in chronic hepatitis B virus-infected patients from childhood to adulthood. *Hepatology*. 2016 ;63:74-82.
378. Jonas MM, Chang MH, Sokal E, Schwarz KB, Kelly D, Kim KM, Ling SC, Rosenthal P, Oraseanu D, Reynolds L, Thiry A, Ackerman P. Randomized Controlled trial of entecavir versus placebo in children with hepatitis B envelope antigen-positive chronic hepatitis B. *Hepatology* 2016 ;63:377-87.
379. Chang MH, You SL, Chen CJ, Liu CJ, Lai MW, Wu TC, Wu SF, Lee CM, Yang SS, Chu HC, Wang TE, Chen BW, Chuang WL, Soon MS, Lin CY, Chiou ST, Kuo HS, Chen DS; Taiwan Hepatoma Study Group. Long-Term Effects of Hepatitis B Immunization of Infants in Preventing Liver Cancer. *Gastroenterology*. 2016;151:472-480
380. Ni YH, Chang MH, Jan CF, Hsu HY, Chen HL, Wu JF, Chen DS. Continuing Decrease in Hepatitis B virus Infection 30 Years After Initiation of Infant Vaccination Program in Taiwan. *Clin Gastroenterol Hepatol* 2016(16)30143-4
381. Wen WH, Huang CW, Chie WC, Yeung CY, Zhao LL, Lin WT, Wu JF, Ni YH, Hsu HY, Chang MH, Lin LH, Chen HL. Quantitative Maternal

Hepatitis B Surface Antigen Predicts Maternally Transmitted Hepatitis B Virus Infection. *Hepatology* 2016; 64(5):1451-1461.  
Lin YC, Chang PF, Lin HF, Liu K, Chang MH, Ni YH. Variants in the Autophagy Related Gene IRGM Confer Susceptibility to Nonalcoholic Fatty Liver Disease by Modulating Lipophagy. *J Hepatol.* 2016 ;65(6):1209-1216.

382. Chang KC, Wu JF, Hsu HY, Chen HL, Ni YH, Chang MH Entecavir Treatment in Children and Adolescents with Chronic Hepatitis B Virus Infection. *Pediatr Neonatol.* 2016; 57(5):390-395

383. Liu YW, Wu JF, Chen HL, Hsu HY, Chang MH, Hsu WC, Tseng PH, Wang HP, Ni YH. The Correlation between Endoscopic Reflux Esophagitis and Combined Multichannel Intraluminal Impedance-pH Monitoring in Children. *Pediatr Neonatol.* 2016;57:385-389.

## **II. Review Articles in Journals , or Chapters in Books**

1. Chang MH, Lee CY. Cytomegalovirus infection and neonatal hepatitis. In : Becker Y, Darai G, Huang ES, eds. "Molecular Aspects of Human Cytomegalovirus Diseases". Berlin : Springer Verlag, 1993;72-9.
2. Chang MH. Chronic Viral Hepatitis in Children. Indian J Pediatr 1995;62:673-9.
3. Chang MH. Hepatitis B Infections in Infancy and Childhood. International Seminars in Paediatric Gastroenterology and Nutrition 1996;5:3-9.
4. Chang MH. Hepatitis B Virus Infection in Children : Epidemiology, Natural Course and Prevention in Taiwan. J Formosan Med Assoc 1996;95:593-8.
5. Chang MH. Mother-to-Infant Transmission of Hepatitis C Virus . Clinical and Investigative Medicine 1996;19:368-72.
6. Chang MH. Cholestasis in Infancy . In : Yu VYH, Feng Z, Tsang RC, Yeung CY, ed. Textbook & of Neonatal Medicine : A Chinese Perspective". Hong Kong : Hong Kong University Press, 1996;451-62.
7. Chang MH. Hepatitis B: Long-term outcome and benefits from mass vaccination in children. Acta Gastroenterol Belg 1998;61:210-3.
8. Chang MH. Chronic hepatitis virus infection in children. J Gastroenterol Hepatol 1998;13:541-8.
9. Chang MH. Hepatocellular carcinoma in children. Acta Paediatrica Taiwanica 1998;39:366-70.
10. Chang MH, Chen DS. Prospects for hepatitis B virus eradication and control of hepatocellular carcinoma. Bailliere's Clinical Gastroenterology. 1999;13:511-17.
11. Chang MH. Natural history of hepatitis B virus infection in Children. J Gastroenterol Hepatol 2000;15 (Suppl.)E16-19.
12. Chang MH. Hepatitis B vaccination and control of its related liver disease. J Pediatr Gastroenterol Nutr 2000;31:112-7.
13. Chang MH. Prospects for hepatitis B virus eradication and control of hepatocellular carcinoma. Bailliere's Clinical Gastroenterology 2000;13:511-17
14. Chang MH. Treatment of Chronic Hepatitis Virus Infection in Children. In Walker A. et al. Eds. Pediatric Gastrointestinal Disease, 2000, Boston, 3<sup>rd</sup> edition. B.C. Decker Inc. Publisher. 2000;14:341-350.
15. Chang MH. Chronic Hepatitis B Virus Infection in Children. Singapore Paediatric Journal 2000;42:38-42.

16. Chang MH. Current Concept of Cholestasis in Infancy. Acta Paediatrica Taiwanica. 2000;41:20-3.
17. Chang MH. Treatment of chronic hepatitis C virus infection in children. Baillieres clinical Gastroenterology 2000;14:341-50.
18. Chang MH. Viral Hepatitis and Its Prevention in Children . International Seminars in Pediatric Gastroenterology and Nutrition.2001;10:1-7.
19. Chang MH, Chen DS. Prevention of hepatocellular carcinoma by hepatitis B immunization. In Tabor E. Ed. Amsterdam Netherlands, Elsevier Science B.V. Viruses and Liver Cancer.2002;143-150.
20. Balistreri WF, Chang MH, Ciocca M, Schwarz K, Porta G, Vegnente A, Vergani GM. Acute and Chronic Hepatitis : Working Group Report of the First World Congress of Pediatric Gastroenterology Hepatology and Nutrition. J Pediatr Gastroenterol Nutr 2002;35:S62-73.
21. Chang MH. Decreasing incidence of hepatocellular carcinoma among children following universal hepatitis B immunization. Liver International. 2003;23:309-314.
22. Chang MH. Postnatal Infections of the Liver : Viral Hepatitis. In Walker et al. eds. "Pediatric Gastrointestinal Disease", BC Decker Inc., 4<sup>th</sup> ed Halmiton, 2004.
23. Chang MH. Prevention of hepatitis B virus infection and its related diseases by vaccination. Asian-Oceanian J Pediatr & Child Health 2002;1:119-24.
24. Quak SH, Sibal A, Chang MH. Liver disease in the developing world. In Kelly DA, ed." Diseases of the Liver and Biliary System in Children". Blackwell Publishing Ltd. 2na ed. Oxford, 2004.
25. Chang MH. New insights in hepatitis B virus infection. International seminars in pediatric gastroenterology and nutrition 2004;12:9-14.
26. Chang MH, Hadzic D, Rouassant SH, Jonas M, Kohn IJ, Negro F, Roberts E, Sibal A; Asian Pan-Pacific Society for Pediatric Gastroenterology, Hepatology and Nutrition. Acute and chronic hepatitis : Working group report of the second world congress of pediatric gastroenterology, hepatology and nutrition. J Pediatr Gastroenterol Nutr.2004 Jun;39 Suppl 2:S584-8.
27. Chang MH. Impact of hepatitis B vaccination on hepatitis B disease and nucleic acid testing in high-prevalence populations. J Clin Virol 2006;S45-S50.
28. Chang MH. Screening for biliary atresia. Chang Gung Med J. 2006

- May-Jun;29(3):231-3.
29. Lai HS, Chen WJ, Chen CC, Hung WT, Chang MH. Long-term prognosis and factors affecting biliary atresia from experience over a 25 year period. *Chang Gung Med J*. 2006 May-Jun;29(3):234-9.
  30. Chang MH. Hepatitis B virus mutation in children. *Indian J Pediatr* 2006;73:803-7.
  31. Chang MH. Hepatitis B virus infection. *Semin Fetal Neonatal Med*. 2007;12:160-167
  32. Ni YH, Chang MH, Chen PJ. Reply. *Gastroenterology* 27;133:153-4.
  33. Murray KF, Shah U, Mohan N, Heller S, González-Peralta RP, Kelly D, Chang MH, Mieli-Vergani G, Jara P, Fujisawa T; Chronic Hepatitis Working Group. *J Pediatr Gastroenterol Nutr*. 2008;47:225-33.
  34. Chang MH. Cancer prevention by vaccination against hepatitis B. *Recent Results Cancer Res*. 2009;181:85-94.
  35. Shah U, Kelly D, Chang MH, Fujisawa T, Heller S, González-Peralta RP, Jara P, Mieli-Vergani G, Mohan N, Murray KF. Management of chronic hepatitis B in Children. *Jpediatr Gastroenterol Nutr*. 2009;48:399-404.
  36. Mieli-Vergani G, Heller S, Jara P, Vergani D, Chang MH, Fujisawa T, González-Peralta RP, Kelly D, Mohan N, Shah U, Murray KF. Autoimmune hepatitis. *J Pediatr Gastroenterol Nutr*. 2009;49:158-64.
  37. Mohan N, González-Peralta RP, Fujisawa T, Chang MH, Heller S, Jara P, Kelly D, Mieli-Vergani G, Shah U, Murray KF. Chronic hepatitis C virus infection in children. *J Pediatr Gastroenterol Nutr* 2010 ;50:123-31.
  38. Walter Chen, Mei-Hwei Chang. New Growth Charts for Taiwanese Children and Adolescents Based on World Health Organization Standards and Health-related Physical Fitness. *Pediatr Neonatol* 2010;51:69-79.
  39. Chang MH\*. Hepatitis B vaccination: disease and cancer prevention—a Taiwanese experience. *Clin Liver Dis* 2010 ;14:521-30.
  40. Chang MH\*. Breakthrough HBV infection in vaccinated children in Taiwan: surveillance for HBV mutants. *Antivir Ther* 2010; 15:463-9.
  41. Chang MH\*. Hepatitis B virus and cancer prevention. *Recent Results Cancer Res*. 2011;188:75-84
  42. Chang MH. Paediatrics: Children need optimal management of chronic hepatitis B. *Nat Rev Gastroenterol Hepatol*. 2013 ;10:505- 6.

43. Chang MH. Prevention of hepatitis B virus infection and liver cancer. *Recent Results Cancer Res.* 2014;193:75-95.
44. Chang MH, Chen DS. Prevention of hepatitis B. *Cold Spring Harb Perspect Med.* 2015 ;5:a021493.
45. Wu JF, Chang MH. *J Biomed Sci.* Natural history of chronic hepatitis B virus infection from infancy to adult life - the mechanism of inflammation triggering and long-term impacts. 2015;22:92. doi: 10.1186/s12929-015-0199-y.
46. Wen WH, Lai MW, Chang MH. A review of strategies to prevent mother-to-infant transmission of hepatitis B virus infection. *Expert Rev Gastroenterol Hepatol.* 2016;10:317-30.



### **III. Editorials, Letters, or Proceedings:**

1. Chang MH and Lin KS: Fanconi's Anemia --- A Report of Five Cases. Transaction of the Hematology Society of the ROC, April, 1978, pp 19-33.
2. Chang MH, Wang TH, Hsu JY, et al. : Panendoscopic Examination of the Upper Gastrointestinal Tract in Children. Proceedings of the Third Asian-Pacific Congress of Digestive Endoscopy, 1980, Taipei, R.O.C., pp635-7.
3. Chang MH, Hsieh KH, Hsu HC, et al.: Diagnosis of intestinal lymphangiectasia by enteroscopic examination of two cases in small children. Proceedings of the Third Asian-Pacific Congress of Digestive Endoscopy, 1980, Taipei, R.O.C. pp804-7.
4. Wang CY, Wang TH, Hsieh SC, Chang MH, et al.: Colonofiberscopic Removal of Juvenile Polyps in Children and in Adults. Proceedings of the Third Asian-Pacific Congress of Digestive Endoscopy, 1980, Taipei, ROC. 921-8.
5. Hsieh SC, Wang CJY, Wang TH, and Chang MH : The Difference in Digestive Endoscopy between Children and Adults. Proceedings of the Third Asian-Pacific Congress of Digestive Endoscopy, 1980, Taipei, R.O.C. pp.340-1.
6. Chang MH, Hsu JY. The Past, Present, and Future of the Pediatric Gastroenterology. Acta Paed Sin 1984;25:245-6.
7. Chang MH : Oral Hydration in children with Acute Diarrhea. In, Epidemiology and Management of Diarrhea in Children of S.E. Asia, Hong Kong, Excerpta Medica Asia Pacific congress Series No.34, pp 93-8, 1984.
8. Chang MH : The Application of Ultrasonography in Pediatrics. J Ultrasound Med ROC 1985;2:12.
9. Chang MH, Chen DS, Hsu HC, Wu MZ, Hsu HY, and Lee CY. Childhood Hepatocellular Carcinoma in Taiwan : The Prominent Role of Perinatally Transmitted Hepatitis B Virus Infection. In : Zuckerman AJ, ed. Viral Hepatitis and Liver Disease. 1988;726-727.
10. Chang MH, Chen PJ, Chen JY, Lai MY, Hsu HC, Chen DS. Status of HBV DNA in HCC of children. In Sung and Chen ed. "Viral Hepatitis and Hepatocellular Cardcinoma." Excerpta Medica, Hong Kong, 1990 pp. 470-472.
11. Hong RL, Chen YC, Lin KS, Yang PM, Chang MH, Chen DS. Seroconversion from HBsAg to antigody after allogeneic bone marrow

- transplantation. "Viral Hepatitis and Hepatocellular Carcinoma". 1990, Excerpta Medica Asia Ltd, Hong Kong. pp. 201-205.
12. Chen DS, Lin HH, Chang MH, Chen PJ, Sung JL. Perinatal Transmission of Hepatitis C virus. J Infect Dis 1991;164:428-9.(letter)
  13. Tsai WH, Teng RJ, Chu JS, Chang MH, Ho MH. Neonatal Dubin-Johnson syndrome (letter). J Pediatr Gastroenterol Nutr 1994;18:253-4.
  14. Wang JK, Chang MH. Association of hiatus hernia with asplenic syndrome. Amer J Cardiol 1995;317 (Letter)
  15. Chang MH. The contribution of recent advance in pediatric gastroenterology on child health . Acta Paed Sinica 1997;38:177.
  16. Ho MC, Hu RH, Ni YH, Lai HS, Ko WJ, Chang MH, and Lee PH. Liver Transplantation in a Patient with Pulmonary Hypertension. Transplantation Proceedings 2000;32:2179-2181.
  17. Chang MH. Viral mutants and fulminant hepatitis. A dominant hepatitis B virus population defective in virus secretion because of severe S-gene mutations from patient with fulminant hepatitis. J Pediatr Gastroenterol Nutr 2002;34:426.
  18. Jansen P, Chang MH, Kew M, Strauss E, Tavill A. Editorial, Liver 2003;23:1.
  19. Chen HL, Chang MH. Growth failure and metabolic bone disease in progressive familial intrahepatic cholestasis. J Pediatr Gastroenterol Nutr. 2004;39:328-30.
  20. Ho MC, Wu YM, Hu RH, Ko WJ, Ni YH, Chang MH, Yang PM, Lai MY, Lin MH, Lin HY, Lee PH. Surgical complications and outcome of living related liver transplantation. Transplant Proc. 2004 Oct;36(8):2249-51.
  21. Ni YH, Chang MH\*, The ways paved for prophylaxis against de novo hepatitis B virus infection after liver transplantation : still many stones left unturned. Pediatr Transplant. 2006 Jun;10(4):405-7.

[@]