

出國報告 (出國類別：研究)

2006 年參加第四屆全球流行病學與 公共衛生科學研討會

服務機關：衛生署疾病管制局

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學與公共衛生科學研討會

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摘 要

西元 2006 年 11 月 12 日到 17 日期間，臺灣應用流行病學專業人員訓練班 (FETP) 派遣周志浩、邱展賢、江大雄、賴昭智、蔡宜真等五人出席於巴西首都巴西利亞舉辦之第四屆全球流行病學與公共衛生科學研討會。該研討會有來自北美洲、中南美洲、歐洲、非洲、中東、亞洲和澳洲等 37 個會員國家參加，167 位與會者。研討會中，共有 96 篇口頭報告和 97 篇海報展示。

本出國報告分七章撰寫，第壹章描述參與研討會的目的；第貳章說明出國行程的內容；第參章為研討會舉辦會前七項講習課程(Workshop)內容的敘述；第肆章摘要描述 96 篇口頭報告和 97 篇海報展示的摘要內容；第伍章報告參與研討會的心得，內容包含：一、由其他國家學員報告成果回顧臺灣在傳染病防治的成就、二、臺灣 FETP 學員參加研討會心得；第陸章節錄 TEPHINET 各國 FETP 班主任開會的會議內容；第柒章是因應明(2007)年臺灣 FETP 將舉辦第四屆東南亞和西太平洋區流行病學與公共衛生科學聯合研討會(The Fourth Southeast Asian and Western Pacific Bi- Regional TEPHINET Scientific Conference)，特別用心觀摩巴西第四屆全球流行病學與公共衛生科學研討會研討會辦理和運作的情形。觀摩的結果以一、交通安排、二、住宿安排、三、註冊與動線指引、四、研討會論文報告現場、五、口頭報告會場佈置、六、開、閉幕儀式等方面逐一描述。最後在附件中，附上研討會開會場所的外觀照片、研討會的講習課程(workshop)時程表、研討會日程表、代表隊成員參加研討會的活動照片。

尤其重要的是，臺灣 FETP 獲 TEPHINET 主席及理監事委員會的授權函，同意我國明(2007)年在臺灣主辦第四屆東南亞和西太平洋區流行病學與公共衛生科學聯合研討會。

關鍵字：流行病學、公共衛生、科學研討會

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壹、參與研討會目的

西元 1999 年，在世界衛生組織(World Health Organization, WHO)、美國疾病管制中心(Centers for Disease Control and Prevention, CDC)與 Foundation Merieux 的支持下，全世界幾個辦理現場調查訓練卓然有成的機構，如美國疾病管制中心的 Epidemic Intelligence Service(EIS)、Field Epidemiology Training Programs (FETPs)、Public Health Schools Without Walls (PHSWOWs) 與 European Programme for Intervention Epidemiology Training (EPIET)，共同成立了流行病學及公共衛生防治訓練網，稱為 TEPHINET (Training Programs in Epidemiology and Public Health Interventions Network)。TEPHINET 係以現場調查訓練為基礎，進而提升應用流行病學和公共衛生施行的能力，最終以加強國際衛生能力為目標。為此，每兩年在美洲地區、歐洲地區、東地中海地區、非洲地區、東南亞地區及西太平洋地區(後兩地區合併)都各自辦理地區的流行病學和公共衛生科學研討會。另每兩年則舉辦全球流行病學與公共衛生科學研討會。

今(2006)年 11 月 12 日到 17 日，第四屆的全球流行病學與公共衛生科學研討會(the Fourth TEPHINET Global Scientific Conference)假巴西首都巴西利亞舉行。大會主題為：

“Improving public health through global partnerships in field epidemiology” 。臺灣 FETP 在周志浩副局長領隊下，帶領邱展賢組長、江大雄副研究員、賴昭智學員及蔡宜真學員等人出席研討會。賴昭智和蔡宜真兩位學員於研討會中分別展示其研究/調查結果：「Detecting pathogens and risk factors for sporadic gastroenteritis in an ED-based matched case-control study」和「A Gastroenteritis Outbreak Due to Norovirus Infection in a Long-Term Care Hospital」。除臺灣外，其他參與研討會的國家尚有：美國、加拿大、墨西哥、瓜地馬拉、巴拿馬、尼加拉瓜、巴西、貝魯、薩爾瓦多、宏都拉斯、哥斯大尼加、哥倫比亞、阿根廷、

中國、印度、日本、Kazakhstan、馬來西亞、菲律賓、泰國、澳洲、約旦、沙烏地阿拉伯、芬蘭、法國、荷蘭、挪威、西班牙、瑞典、英國、查德共和國、埃及、迦納、肯亞、坦桑尼亞、辛巴威等 36 個國家。

本次參加研討會的目的在：(一)應證應用流行病學訓練計畫(FETP)對加強公共衛生的用處；(二)促進與其他會員國在科學與技術方面的交流；(三)分享各會員國應用流行病學訓練對公共衛生的需求獲致成功的經驗和科學的進步；(四)強化因應突發流行的能力，提供其他會員國在國際衛生重要事件流行病學服務的可能性。此外，臺灣 FETP 代表隊也要確認臺灣是否取得舉辦第四屆東南亞和西太平洋區 TEPHINET 流行病學與公共衛生科學聯合研討會(The Fourth Southeast Asian and Western Pacific Bi-Regional TEPHINET Scientific Conference)的授權。同時，除參與研討會的論文報告外，也觀摩整個研討會籌備、辦理和執行的過程，做為準備辦理第四屆東南亞和西太平洋區 TEPHINET 流行病學與公共衛生科學聯合研討會的參考。

貳、出國行程

參與研討會的來回行程自 2006 年 11 月 10 日起至 11 月 20 日止，含路程所需時間，共計 11 天(參考表一)。研討會開始期間為 11 月 12 日至 11 月 17 日，會議地點為巴西首都巴西利亞之 Blue Tree Park Hotel(參考附件一)。由於預約不到該旅館有限的房間數目，我們選擇居住於市區中心的 Carlton Hotel。每日上午七時三十分都有交通車接我們去研討會場所，下午六時起也有交通車送我們回居住的旅館。

表一、參加巴西利亞第四屆全球流行病學與公共衛生科學研討會路程

日期	地點	內容
11 月 10~11 日	臺北→日本東京→美國達拉斯 →巴西聖保羅→巴西巴西利亞	去程
11 月 12 日	Blue Tree Park Hotel	課程講習(Workshop)
11 月 13 日	Blue Tree Park Hotel	口頭報告/海報展示
11 月 14 日	Blue Tree Park Hotel	口頭報告/海報展示
11 月 15 日	巴西利亞	市區旅遊
11 月 16 日	Blue Tree Park Hotel	口頭報告/海報展示
11 月 17 日	Blue Tree Park Hotel	口頭報告/海報展示
11 月 18~20 日	巴西巴西利亞→巴西聖保羅 →美國達拉斯→日本東京→臺北	返程

參、講習課程(Workshop)內容

第四屆全球流行病學與公共衛生科學研討會於大會開始前的11月12日舉辦七場講習課程(日程見附件二)。其課程名稱分別為：傳染病的分子流行病學(Molecular Epidemiology of Infectious Diseases)、公共衛生部門的登峰造極(Achieving Organizational Excellence in Public Health - Great managers making it happen!)、訓練成年學習者的技巧(Make the Connection: Training Techniques for Adult Learners)、國際關心公共衛生緊急狀態的評估(Public Health Emergency of International Concern Assessment)、病例－對照研究法的實地運用(Field applications of the case-control study)、禽流感(Avian Influenza A H5N1)和疫苗的成效評估(Estimating vaccine effectiveness from observational data)。

「傳染病的分子流行病學」課程是由美國康乃爾大學 (Cornell University) Weill Medical College的 Dr. Albert Ko、加州大學柏克萊分校之 Dr. Lee Riley 與 Dr. Arthur Reingold 共同講授。課程的內容主要是認識分子流行病學的基本原理及運用分子流行病學的基本原理於傳染病，也就是以實驗室分子分型的技術將病原微生物加以分型，其結果使得流行病學調查更具效力。

「公共衛生部門的登峰造極」課程是由美國疾病管制中心永續發展經營部門 (Sustainable Management Development Program, Centers for Disease Control and Prevention)的 Dr. Josef Amann 和 John Marsh 共同教課。課程的內容包含公共衛生部門登峰造極的定義、公共衛生部門領導幹部要能瞭解自己在登峰造極過程中扮演的角色、如何經營與員工的互動關係、改進公共衛生部門的方法和技巧。

「訓練成年學習者的技巧」課程是由美國疾病管制中心全球衛生企劃組 (Coordinating Office for Global Health)的衛生教育專家Denise Traicoff 來教授。課程的內容依照三種不同的學習者來訂定學習目標、設定教材及評估學習成果。另以學員自行帶來的分析或描述資料規劃一個有效推展公衛概念的學習案例。

「國際關心公共衛生緊急狀態的評估」課程由Universidade Federal da Bahia

之Eduardo Hage Carmo博士指導。課程內容包括瞭解國際關心公共衛生緊急狀態策略決定的原理、討論以國家流行病學監測系統來檢驗國際關心公共衛生緊急狀態策略是否依照國際衛生規則(International Health Regulation)建立、決定公共衛生緊急狀態評核與管理的決策過程。

「病例－對照研究法的實地運用」課程是由美國疾病管制中心全球衛生企劃組的Dr. Henry Walke來教學。課程教導如何選取對照組個案、如何避免選擇誤差、資訊誤差和分類錯誤、瞭解分析配對病例－對照研究法的優缺點、如何計算危險比(Odds Ratio)、如何控制干擾因素、如何將研究結果提供給衛生政策決策者。

「禽流感」課程是由美國國家免疫和呼吸道疾病中心之流行性感冒組(Influenza Division, National Center for Immunization and Respiratory Diseases)之Dr. Timothy Uyeki 擔任講師。課程描述禽流感在過去造成全球流行的衝擊、禽流感在家禽的流行狀況、監測與防治措施、人類感染禽流感的現況、臨床症狀、診斷、檢驗、治療、研究方法與緊急應變。

「疫苗的成效評估」課程是由美國國家過敏與傳染病研究所 Intramural Research組(National Institute of Allergy and Infectious Diseases)的Rebecca Prevots 博士講課。課程教授評估及計算疫苗成效的基本概念、研究方法、可能產生的誤差及實例練習。

這些課程的上課人數和資格都有限制，每樣課程講習的人數約在35~40人之間。學員上課的情形都很踴躍，特別是大家都儘量用英文溝通。英語不好的學員就由來自同一國家的學員代為翻譯，大家因此不會有語言隔閡的問題，上課氣氛因此融洽不少。也由於是大會第一天就是講習課程，來自全球各地的學員因學習互動，很快地就彼此熟悉，這對往後的大會活動很有幫助。

肆、研討會內容

在課程講習後的連續五天內，除 11 月 15 日安排巴西利亞市區旅遊外，其餘四天共舉辦 4 場專題演講、22 場口頭報告和 16 場海報展示(日程見附件三)。4 場專題演講題目分別為：Avian Flu (由美國國家免疫和呼吸道疾病流行性感冒組 Timothy Uyeki 主講)、Non Communicable Diseases in Developing Countries (由巴西 Federal University of Rio Grande do Sul State 之 Maria Ines Schmidt 教授主講)、Strengthen Partnership in Training Epidemiology Program for Control and Prevention Diseases (由美國疾病管制中心全球衛生企劃組 Stephen B. Blount 組長主講)、From AIDS to Avian Flu - Lesson Learned (由巴西衛生部副部長 Jarbas Barbosa da Silva Junior 博士主講)。

22 場口頭報告中，1 場主題為流行性感冒類調查報告，3 場主題為突發流行調查報告，3 場主題為食品中毒類調查報告、2 場主題為呼叫道疾病類調查報告、2 場主題為飲用水導致腸胃道疾病類調查報告、1 場主題為人處共通疾病類調查報告，1 場主題為蟲媒疾病類調查報告，1 場主題為萊什曼原蟲病和巴東蟲病(Bartonellosis)疾病類調查報告，2 場主題為非傳染病類調查報告、1 場主題為肺結核疾病調查報告，1 場主題為疾病監測類調查報告，1 場主題為疫苗類調查報告，1 場主題為性病類調查報告，2 場為額外增添調查報告。每場主題類調查報告分別包含 4~6 篇口頭調查報告，報告時間為 10~15 分鐘(含聽眾問問題)。共計有 96 篇調查報告。

以口頭報告的內容來看，有關傳染病的突發流行調查的疾病有：流行性感冒、禽流感、霍亂、瘧疾、炭疽病、肺結核、手足口症、腮腺炎、麻疹、德國麻疹、A 型肝炎、C 型肝炎、桿菌性痢疾、退伍軍人症、癩病、日本腦炎、曲弓症、登革熱、西尼羅河病毒、漢他病毒、HIV/AIDS、勾端螺旋體、萊什曼原蟲病、巴東蟲病、Rota virus 等。突發流行調查有關引起食品中毒的致病原包括：肉毒桿菌、腸炎沙門氏菌、O157:H7 等。有關非傳染病調查的報告有：過重與

肥胖、高血壓、傷害、維生素 A 缺乏、營養不良、甲狀腺症、流產、早產、鉛中毒等。有關疾病監測的報告包括：肺結核、癩病、瘧疾、登革熱等。

在有口頭報告的日期中，每天下午 5:30~6:30 另安排有 4 場海報展示。每場海報展示有 6~7 張海報展出。總共有 16 場海報展示，展出的海報有 97 張。其內容包括：霍亂、瘧疾、狂犬病、麻疹、德國麻疹、百日咳、桿菌性痢疾、急性無力肢體麻痺、腮腺炎、流行性感冒、禽流感、日本腦炎、肺結核、HIV/AIDS、傷寒、霍亂、A 型肝炎、E 型肝炎、致病性大腸桿菌、曲弓症、登革熱、西尼羅河病毒、細菌性腦膜炎、Tinea Capitis、萊什曼原蟲病、布氏桿菌症(Brucellosis)、勾端螺旋體、Rota virus、Norovirus、傷害、高血壓、性教育、新生兒死亡、心血管疾病、孕婦死亡、殺蟲劑中毒、空氣污染、腎臟病、碘缺乏症、過重與肥胖、矽肺症、腦膜炎、斑疹傷寒、血絲蟲、疾病用藥和疾病監測等主題。

伍、參與研討會心得

一、由其他國家學員報告成果回顧臺灣在傳染病防治的成就

第四屆全球流行病學與公共衛生科學研討會共有 37 個國家參加，193 篇調查報告(口頭報告 96 篇和海報展示 97 篇)。在整個會議過程中，聽到和看到各會員國 FETP 學員疫情調查報告的內容，可以瞭解各國曾經發生的重大傳染病疫情，傳染病疫情現狀、疫情調查和疾病防治的能力。舉方說，印度和菲律賓兩國學員提出多起霍亂疫情調查的報告，這代表著該兩國霍亂問題的嚴重性。他們的報告中都指出霍亂發生的原因都是使用到污染的井水，或者是破損的水管。其提出的防治方法也相對顯現該兩國公共衛生建設的不足，如自來水的裝設普遍性地匱乏。即使是有自來水設施，其維護情形也不佳。有些國家(中國、埃及、亞塞拜然)學員報導禽流感的調查情形，臺灣沒有人感染禽流感，因此他們的經驗可做為我們的借鏡。此外，世界上許多國家仍有狂犬病、麻疹、瘧疾的群聚發生，我國沒有狂犬病，麻疹到十一月底只有 4 例確定個案，都是散發者。瘧疾到十一月底雖有 23 例確定個案，但都是境外移入者。然而，在我們的鄰近國家，如菲律賓、馬來西亞仍有甚多的瘧疾病例，甚至是以群聚的方式發生。這是我們防疫不可不注意的事。當然，中南美洲國家(巴西、貝魯)有瘧疾的群聚發生，也是我們已經知曉的。印度和馬來西亞學員報告登革熱的防治經驗，他們沒有天冷的冬季來杜絕登革熱的蔓延，也都是靠清除蚊子的孳生源和教育民眾來防範登革熱。馬來西亞學員發現埃及斑蚊喜歡在三槽式化糞池的第二槽內下卵，孑孓因此在其內孵化成長為成蚊，成蚊再從排放管飛出來。若在化糞池內糞水表面噴灑 Polystyrene beads，孑孓就會因為無法呼吸而死亡，且 Polystyrene beads 不會造成環境污染。現在南臺灣防治登革熱的措施中，或許可以考慮使用 Polystyrene beads 在藏匿埃及斑蚊孑孓的陽性水溝上，使其窒息而死。另外，埃及斑蚊在南印度會傳播 Chikungunya，臺灣在海關處抓到一例 Chikungunya 患者。印度防治和調查 Chikungunya 的方法也可以提供我們一些未雨綢繆的經驗。

另外，許多國家學員報告傳染病監測系統資料分析與評估的成果，如：肺結核、癩病、百日咳、麻疹、急性肢體無力麻痺、瘧疾、登革熱等傳染病。甚至慢性病、食品中毒和傷害等監測系統的評估也有報告。臺灣疾病管制局有許多傳染病通報系統，但 FETP 學員極少對這些系統的資料進行分析和評核，這是我們在訓練 FETP 學員時需要加強的部份。另外對疫苗涵蓋率及其效率的報告也很多，報告的疫苗種類主要包含麻疹/德國麻疹、腮腺炎、輪狀病毒(rotavirus)等。有趣的事，巴西在兒童身上施打輪狀病毒疫苗。臺灣在夏、秋或冬、春季節交換時，常會報告學童感染輪狀病毒，其病例數還不少，但很少有人提議要給學童施打輪狀病毒疫苗。臺灣運用地理資訊系統(Geographic information system, GIS)系統來協助傳染病的調查的技術很不錯，但在研討會中沒有聽到有國家報告使用地理資訊系統做調查的成果。研討會中有一篇演講提到發展中國家調查傳染病致病原導致慢性病的情形，這是流行病學調查很新的趨勢。

總之，看到許多國家報告他們在傳染病突發流行調查的成果，特別是中國、印度、泰國、菲律賓和非洲國家。我們一方面很羨慕這些國家的學員有許多調查傳染病突發流行的機會，一方面深深覺得這些國家仍處於開發中國家(developing countries)的境地，也表示他們在公共衛生和傳染病防治的落後。我必須說，疾病管制局成立後的努力，使臺灣在傳染病方面做了很大的貢獻，許多鄰近國家有的傳染病在臺灣都絕跡，或者是只有散發個案，而沒有群聚個案的發生。但臺灣仍常有境外移入個案，如印尼進入的桿菌性痢疾和傷寒、非洲及東南亞國家帶入的瘧疾，幸好它們都沒有擴散。但從泰國、印尼、越南、新加坡等國帶回的登革熱卻造成很多本土病例的發生，這使我們感到很大的困擾和傷害。為此，區段聯防與監測資訊的交換非常有必要。我們雖和許多周遭國家沒有邦交，但透過 TEPHINET 的機制與合作，我們可以運用那些國家的 FETP 訓練網來交換疫情資訊，預做防疫準備，減少其他國家傳染病疫情蔓延到臺灣。所以說，此次研討會之行在疫情調查及疾病防治經驗上的收穫是很豐盛的。

二、臺灣 FETP 學員參加研討會心得

學員甲：很榮幸能參加本屆的全球流行病學與公共衛生科學研習會，個人最大的收獲是參與第三場 WorkShop—Make the Connection: Training Techniques for Adult Learners。整場 WorkShop 是以分組討論方式進行，其內容如下：

- 1.訓練的層級方面，在從未受教育的情況(ignorance)下，到完整整合(integrate)的層次，必須經由資料收集、討論、個案研究、操練、列出操作手冊等過程。
- 2.成功的訓練要包含 Analysis、Design、Develop、Implement、Evaluation 等五個要素。針對五個要素進行逐一討論後，選擇出可行的方案，避免預設立場及習以為常的處理方式。每位學習者需要綜合視、聽、動過程來找尋出最理想可行的方案。
- 3.創造有效的訓練要包括 Design、Develop、Deliver 和 Evaluate 四個步驟。每一個步驟均需要詳細思考與規劃，最後以個案研究討論的方式，將四個步驟的思考與規劃一一納入後，再詳細評估。

參與研討會最大的感想是：多方面的收集資料，多元化的思考。不論任何議題，尤其是在流行病學，不論大小因素皆應要先行列入考慮後，再逐一分析評估，避免掉入忽略的研究陷阱。

陸、TEPHINET 各國流病班(FETP)主任會議內容節錄

11 月 4 日中午舉行 TEPHINET 各國流病班主任會議，由 TEPHINET 主席 Dr. Roberto Antonio Flores Reyna 主持。他也是美洲地區的代表及聖薩爾瓦多的流病班主任。執行秘書長為 Dr. Jim Andersen，是一位退休醫師，兼任此職務將近一年。主席 Dr. Roberto Antonio Flores Reyna 首先以 TEPHINET 的何去何從做為主題，提到雖然前年因美國 CDC 及 Bill & Melinda Gates Foundation 減少贊助金額，使得專任執行秘書離職，而由 Dr. Jim Andersen 兼任。雖然辦公室沒有秘書從事行政工作，TEPHINET 仍然在世界各國蓬勃發展。例如：今年 1 月 9~12 日在印度清奈(Chennai)舉辦第三屆東南亞區與西太平洋區聯合科學研討會，在非洲迦納舉辦第三屆非洲區聯合科學研討會。此外，在歐洲、中亞及中東等地區皆有 FETP 的訓練活動。

明年經費也因為美國 CDC、USAID 及 Bill & Melinda Gates Foundation 贊助下，經費將由今年的 76 萬美金增加到 231 萬美金。雖然預估要維持 TEPHINET 整年辦公室運作的經費需要 400 萬美金以上，主席與執行秘書長都會積極努力去爭取更多的贊助經費，讓會務更能蓬勃發展。希望未來 TEPHINET 能財務自主、達到贊助者預期，找到合適的全職執行秘書長並爭取更多經費。未來經費補助的原則，不再補助地區或全球科學研討會主辦國的辦理經費。辦理研討會的經費要由參加會議的會員繳納會費及主辦國自行尋求贊助的經費來支應。TEPHINET 將把經費用來補助有口頭報告會員參加研討會所有花費的支出。

目前，TEPHINET 取得補助各國 FETP 訓練班辦理獸醫師應用流行病學訓練的經費。該訓練目的主要在因應禽流感及人畜共通疾病對動物的流行病學調查，希望各國能迅速提出此訓練計劃的補助申請。TEPHINET 另將補助 Global Micro Nutrition 計畫及中美洲 AIDS 防治計畫。未來 TEPHINET 的工作重點將在：協助各國改造 FETP 的訓練計畫、協助各國強化 FETP 訓練計畫內容(包括：師資及教材)、贊助會員參與 2007-2008 於美國亞特蘭大舉行的 EIS 會議、協助

12 個有意願的國家成立 FETP 訓練計畫(亞洲地區的緬甸、寮國和越南等國家都還沒有 FETP 訓練計畫)、協助沒有 FETP 的國家派員到鄰近國家接受應用流行病學訓練。此外，建立一個全世界應用流行病學專家資料庫，WHO 在未來極需要流行病學人才時，可以立即徵調協助。

此次會議也討論以下幾項決議，希望 TEPHINET 設法成立辦公室，聘請專任執行秘書長及秘書辦理會務。經費運用應以會務發展為主，減少會員參加會議經費補助。加強宣傳讓世界公共衛生界了解 TEPHINET 的獨特與優勢、增加曝光率、增取更多的經費。增加訓練領導能力與管理的教材、以及經由流病調查的結果來影響衛生政策的制定。儘速召開 TEPHINET 策略會議，研擬 TEPHINET 未來的發展策略，以期能夠永續經營。改善 TEPHINET 網頁，建置聯繫平台，加強各會員國的交流。

會議後，邀請美國 CDC 專家介紹 Epi Info 新的軟體 EpiTrack 及 CQI Handbook。EpiTrack 是一個能運用 EPI INFO 資料庫結合地圖進行分析、研判傳染病爆發情形，來迅速進行防治的軟體。該此軟體已在中南美洲，非洲及東南亞地區的禽流感疫情使用過，發現它可協助分析地區傳染病爆發及監測用。CQI Handbook 則是提供各國 FETP 自我檢查、評估的管理量表，協助大家找出訓練的問題，制定改善的方針，以強化 FETP 訓練的質與量。

此外，TEPHINET 主席 Dr. Roberto Antonio Flores Reyna 在會中還宣佈第四屆東南亞和西太平洋區 TEPHINET 流行病學與公共衛生科學聯合研討會(The Fourth Southeast Asian and Western Pacific Bi-Regional TEPHINET Scientific Conference)授權給臺灣 FETP 主辦。他並書寫一封信給臺灣 FETP 確認此事。(參考附件四)

柒、觀摩研討會籌辦與運作心得

一、交通安排方面

此次參加 TEPHINET 研習會的會員有 167 人，無法全部住在研討會舉辦的 Blue Tree Park Hotel。有些必須住宿在離 Blue Tree Park Hotel 約 10~15 分鐘車程的 Manhattan Plaza、Kubitschek Plaza 和 Carlton Hotel。因此，由旅館到會場的交通安排格外顯得重要。巴西在這方面準備的可圈可點。主辦單位在會場門口設置有一個服務櫃台，專責接送與會者到會場參加會議和回到旅館的交通工具。每天上午七時十五分，九人座交通車駕駛就穿得整齊齊地在旅館前接我們去會場。下午六點後，依大會活動隨時派車送我們回旅館，完全免費。若我們自行叫計程車去會場，就要花巴西幣 23 元(約美金 11.5 元)。

此外，剛到巴西首都巴西利亞機場時，就有工作人員等在出口處，分別送與會者去住宿的旅館。大會將結束時，服務櫃台的工作人員就將與會者搭機返國的班機時刻和交通車到旅館接的時間都一一列出，張貼於公告欄，供大家查詢。所有工作人員和交通車駕駛的服務態度都非常親切，即使語言不盡相通，但他們使我們感覺得很舒適和放心。

二、住宿安排方面

主辦國在開始接受報名前，就在 TEPHINET 網站上將所有事先預約的旅館名稱和位置列出。與會者再依需求和價位來預訂旅館。我們因最後一天才註冊，又搞不懂巴西幣表達的方式(它的小數點是用”,” 號，而不是用”.” 號)。這使得我們花了許多時間才決定訂 Carlton Hotel。該旅館在城中心，旁邊有兩間購物中心，買東西還算方便。我們住的旅館像青年會宿舍，有免費的早餐和 internet。價錢還算公道。

三、註冊與動線指引方面

研討會於會場入口處設有一個報到區，裡面有 12 個報到接待人員。其中 2 人負責辦理晚註冊者的收費，其餘 10 人則提供研討會資料、懸掛身上之名牌、

裝資料之背包、各項活動入場卷和餐卷。名牌上附有條碼，凡進入講習課程教室和研討會論文口頭報告會場都要掃描名牌，以確定入場者身份和是否有註冊。每個會場都有標示，整體規劃尚屬良好。

四、研討會論文報告現場

進入會場時，門口接待人員會發給與會者一個電子遙控評分器。其用途在選取每一主題口頭報告論文人員表現第一名者。每個人有 30 秒按鈕投票的時間，銀幕在數分鐘後列出每一位口頭報告論文者被投票為第一名的百分比。在研討會結束後，大會會依據投票名次給予前三名口頭報告表現好者獎牌。任何時間離開會場時，要繳回電子遙控評分器。如果進會場遲到者，則在那一場主題報告不給予電子遙控評分器。所以，只有全程參加並觀看所有某主題論文報告者表現的聽眾才有電子遙控評分器和評分，我想這樣的評分方法蠻公平合理的。另外，會場也提供翻譯機，對論文報告者的內容做英文和葡萄牙語(巴西的國語)的即席翻譯。

口頭報告論文會場外有美國 CDC 設置的攤位，提供 Epi Info 軟體和相關教材、進階資料處理與分析教材、其他訓練課程(如 Mini-Modules、Micronutrient Training Tools、FETP Development Handbook)。另當地一家藥廠也設有攤位。還有一區設有八臺電腦，提供與會者 internet 和 email 的服務。每日日間有口頭論文報告。黃昏就有四場海報展示，每場海報展示約有六~七篇海報展示。每場的海報展示都有兩個主持人(筆者和邱展賢組長都分別擔任不同場次的海報展示主持人)，每個海報製作者都要對其海報內容做五分鐘口頭報告並接受海報展示主持人詢問問題和評分。海報展示的評分最後都送到大會組來決定誰是海報展示獲獎人。海報製作者有表現的機會是他們參加研討會的重要收穫。以往在北京召開的第三屆全球年會的海報展示雖有評分，但沒有海報製作人報告的活動。所以，海報展示和報告的措施可以增加與會者的參與感，這是很好的創舉。在海報製作者報告的過程中，製作者與主持人的互動，還有旁觀者的參與。由

於與會者來自不同的國家，除了努力用英文交談外，還比手畫腳相互溝通，使得該海報展示場熱鬧非凡，遠比口頭論文報告會場來得氣氛熱烈。

五、口頭報告會場佈置

每場口頭報告會場的兩位主持人都坐在講台上的正中央，口頭報告者站在主池人左方的講座後免報告。三人都面對者講台上方強烈的燈光，這使得主持人和口頭報告者的眼睛都很難張開。講台背景的看板是以巴西國旗顏色(黃與綠)來設計，非常搶眼。與會者座位兩側各有 1~2 位工作人員，負責提醒報告者不要超時報告，也傳遞麥克風給與會者提問題。會場後方兩側為翻譯者的位置區。可惜的是只有一面展示幕，放在講台主池人右方，這會使得坐在會場右方的人看不清楚。

六、開、閉幕儀式方面

開幕儀式是由巴西衛生部長 Dr. Agenor Alvares 和 TEPHINET 主席 Dr. Roberto Antonio Flores Reyna 分別致詞。依據 TEPHINET 執行秘書長 Dr. James Aderson 估計，有 167 人參與研討會，場面熱鬧，氣氛良好。可惜的是：原先排好在 11 月 17 日(星期五)晚上的閉幕典禮和各國文化表演晚會因許多與會者提早要在 11 月 17 日白天離去，因此各國文化表演晚會提前在 11 月 16 日晚上舉行。這是個臨時的決定，導致許多不是住在 Blue Tree Park Hotel 的人都沒有參加。另外，閉幕典禮與南美洲之第六屆 EXPOEPI – Brazil's National Exposition of Successful Experiences in Epidemiology, and Disease Prevention and Control 合在一起辦。閉幕典禮先以葡萄牙語致詞和頒獎給 EXPOEPI 與會者，花了很久時間後才輪到 TEPHINET 的畢幕典禮。一魚兩吃的畢幕典禮安排法，使 TEPHINET 與會者感到不受尊重和無聊，這是研討會辦理的一大敗筆處。

七、參加研討會參加活動照片

請參閱附件五

捌、建議事項

- 一、鑒於參加第四屆全球流行病學與公共衛生科學研討會之 TEPHINET 各個會員國學員突發流行(outbreak)調查的內容不僅限於傳染病，還包括食品中毒和慢性病，臺灣 FETP 學員的調查訓練也可以考慮擴展其調查的內容，而不自限於傳染病的突發流行調查。其方法就是提供其他衛生機構(如：國民健康局、食品衛生處)流行病學調查的諮商服務。
- 二、臺灣 FETP 學員的調查訓練可以增強其在監測資料方面的評估與分析，內容可以包含：單純性(Simplicity)、彈性(Flexibility)、資料品質(Data quality)、可接受性(Acceptability)、敏感性(Sensitivity)、陽性預測值 Predictive value positive、代表性(representativeness)、及時性(Timeliness)和穩定性(Stability)。目的在改善傳染病通報等監測系統的品質、效率和有用度。
- 三、疫苗接種是一種有效的防疫措施。在研討會的講習課程和口頭報告中，都有提到疫苗接種普及率與疾病發生的關係。臺灣 FETP 在過去的訓練中，很少涉獵這方面的調查與研究。因此，在疫情不多時，我們可以嘗試在這方面做些訓練和進行相關的研究。
- 四、由巴西舉辦第四屆全球流行病學與公共衛生科學研討會的過程中，有幾點是可以做為辦理第四屆東南亞和西太平洋區 TEPHINET 流行病學與公共衛生科學聯合研討會的借鏡：
 1. 以電子評分器對現場口頭報告論文者進行評分，未全程參加某主題論文發表者不發給電子評分器；
 2. 參與研討會者的識別證都有條碼，對進出論文發表場所或課程講習場所的人員不僅可以管制，還可以計算出席的人數。同時，可以規定要參加多少場次的論文發表主題才給予參加研討會的證明書。這樣，可以提高研討會的出席人數和出席率。
 3. 海報展示部份可以增加展示者五分鐘的海報口訴說明。

4. 研討會對與會者在參與不同的活動過程中拍了許多照片，而後將照片印製出來並在會場展示。每張照片售價美金 5 元(巴西幣 10 元)。這對舉辦國辦理研討會的經費不無小補。可能是訂價有點高或大多數人都有數位相機，所以銷售的情況不理想。我們在明年辦理第四屆東南亞和西太平洋區 TEPHINET 流行病學與公共衛生科學聯合研討會時，也可以考慮有類似的措施，只是照片訂價不要訂得太高。銷售不出去的照片還可以做為成果展示用。

附件一、2006 年第四屆全球流行病學與公共衛生科學研討會會議場所



附件二、2006 年第四屆全球流行病學與公共衛生科學研討會講習課程時程表

Workshop Program - The Fourth Global TEPHINET - November 12th, 2006

Number Vaccancies (#)	7:30 - 8:30	Title	Instructor(s)/Institution(s)	PARTICIPANTS - FETP: Graduates, Advisors, Directors & Worldwide Conference participants	8:30 - 10:00	10:00 - 10:30	10:30 - 12:00	12:00- 13:30	13:30 - 16:00	16:00 - 16:30	16:30 - 18:30	18:30 - 19:00	19:00 - 22:00
					Workshop 1	Break	Workshop 1	Lunch	Workshop 1	Break	Workshop 1	Coffee Break	
Workshop 1: #40	Registration	"Molecular epidemiology in Infectious Diseases"	Dr. Albert Ko (Cornell University & FIOCRUZ-BA), Dr. Lee Riley & Dr. Arthur Reingold (School of Public Health, University of California)	-	Workshop 1	Break	Workshop 1	Lunch	Workshop 1	Break	Workshop 1	Coffee Break	Opening Cerimony
Workshop 2: #20	Registration	"Achieving Organizational Excellence in Public Health-Great Managers Making it Happen"	Dr. John Marsh & Dr Josef Amann Sustainable Management Development Program (SMDP), Coordinating Office for Global Health (COGH), Centers for Disease Control and Prevention (CDC) /Atlanta USA	-	Workshop 2	Break	Workshop 2	Lunch	Workshop 2	Break	Workshop 2	Coffee Break	
Workshop 3: #35	Registration	"Make the Connection: Training Techniques for Adult Learners"	Health Education Specialist - Denise Traicoff COGH/CDC/Atlanta/GA/USA	Bring your own data to create effective case studies to teach public health concepts	Workshop 3	Break	Workshop 3	Lunch	Workshop 3	Break	Workshop 3	Coffee Break	
Workshop 4: #30	Registration	"Public Health Emergency of International Concern Assessment"	Dr. Eduardo Hage (Instituto de Saúde Coletiva, Universidade Federal da Bahia & SVS/MoH - Brazil), Dr Douglas Hanch (CDC/DISD)	-	Workshop 4	Break	Workshop 4	Lunch	Workshop 4	Break	Workshop 4	Coffee Break	
Workshop 5: #35	Registration	"Field Applications of the case-control study"	Dr. Henry Walke (CDC/Atlanta), Division of Epidemiology and Surveillance Capacity Development / COGH /CDC - Atlanta, GA	Calculator, laptop computer with Epi-Info software loaded, basic skills in the Windows version of Epi-Info or Epi-6	Workshop 5	Break	Workshop 5	Lunch	Workshop 5	Break	Workshop 5	Coffee break	
Workshop 6: #30	Registration	"Avian Influenza"	Dr. Timothy Uyeki - Influenza Branch Division of Viral and Rickettsial Diseases National Center for Infectious Diseases/CDC, Atlanta/GA	-	Workshop 6	Break	Workshop 6	Lunch	Workshop 6	Break	Workshop 6	Coffee Break	
Workshop 7: #30	Registration	"Estimating vaccine effectiveness from observational data"	Dr Rebecca Prevots, PhD, Division of Intramural Research/ National Institute of Allergy and Infectious Diseases National Institutes of Health/USA	-	Workshop 7	Break	Workshop 7	Lunch	Workshop 7	Break	Workshop 7	Coffee Break	

附件三、2006 年第四屆全球流行病學與公共衛生科學研討會日程表

Monday, November 13, 2006

08:00 – 08:30

Opening Plenary Session

08:30 – 10:00 am - Plenary Session 1 Influenza

Moderators: Patricia Simone, CDC/Atlanta and Fernando Barros, SVS/MOH, Brazil

08:30 – 08:45 - OP1 – Hu Mingxia, China

A Case of Fatal Pneumonia from H5N1 Avian Influenza Virus in Man from an Urban Area of South China, Guangdong, March, 2006

08:45 – 09:00 - OP2 – Naomi Boxall, Crech Republic

Two Clusters of Influenza A/H5N1 in Humans in the Republic of Azerbaijan, February – March 2006

09:00 – 09:15 - OP3 – Abdel Nasser Abdel-Ghafar, Egypt

A Survey Study of Knowledge about H5N1 Virus in Qaluiobia Governorate, Egypt, April – May 2006

09:15 – 09:30 - OP4 – Al-Enzy Faisal Murdey, Saudi Arabia

Influenza Virus Strains Circulating in Hajj (Annual Islamic Pilgrimage), Saudi Arabia, 2003 – 2005

09:30 – 09:45 - OP5 – Huai Yang, Thailand

An Investigation of Influenza in Boarding Schools, Yunnan, China, 2005

09:45 – 10:00 - OP6 – Huai Yang, Thailand

Investigation of Two Human Avain Influenza (H5N1) Cases in Guangzhou and Shanghai, China

10:00 – 10:15 am

Break

10:15 – 10:55 am – Timonthy Uyeki, CDC/Atlanta

Conference: “Avian Flu”

Moderator: Roberto Antonio Flores, Chair TEPHINET

11:00 – 12:30 am – Plenary Session 2 Outbreak Investigations

Moderators: Robert Fontaine, CDC Advisor FETP/ China ad Douglas Hatch, CDC Advisor FETP/Brasil

11:00 – 11:15 – OP7 – Sandra C. Drummond, Brazil

Outbreak of Neurological Complication after Surgery at a Philanthropic Hospital, Minas Gerais, Brazil, March 2006

11:15 – 11:30 – OP8 – Monica Sandillu, Argentina

Cutaneous Anthrax Outbreak, Nogoya, Entre Rios, 2004

11:30 – 11:45 – OP9 – Marcia C. O. Mendes, Brazil

Outbreak of Acute Conjunctivitis and Ocular Granulomas and Identification of Adiamycospirosis, Araguatins, Tocantins State, Brazil, 2005 - 2006

11:45 – 12:00 – OP10 – Samar M Al-Jazzazi, Jordan

Outbreak of Tinea Capitis among School Children, Ajloun Governorate (Al-sachneh Village), Jordan, April 2004

12:00 – 12: 15 – OP11 – Buathong Rome, Thailand

Factors Associated of Outbreak of Hand, Foot and Mouth Disease in Kongkraisas District, Sukhothai Province, Thailand, May- July 2005

12:15 – 12: 30 – OP12 – Sebastian Renee, Canada

Coughing Control outside the Box: Outbreak of Community-Acquired Mycoplasma Pneumoniae, Canada

12:30 – 2:00 pm

Lunch

02:00- 03:15 pm – Plenary Session 3 Foodborne Diseases I

Moderators: Ethel Palacios Zavala, America's Region representative for TEPHINET and Wildo Navegantes Araujo, SVS/MOH, Brazil

02:00 – 02:15 – OP13 – Flavia A. Moraes, Brazil

Botulism Outbreak Related to Tofu Consumption, Sao Paulo, Brazil, December, 2005

02:15- 02:30 – OP 14 – Lisa A. King, France
Outbreak of Escherichia Coli O157:H7 Infection Linked to Consumption of Ground Beef, France, 2005

02:30 – 02:45 – OP15 Mikiko Kobayashi, Japan
E. Coli O157 VT1 VT2 Outbreak in Two Nursing Homes, Japan, 2005

02:45 – 03:00 – OP16 Maureen Anderson, Canada
An Outbreak of Salmonella Enteritis Phage Type 13 Associated with Mung Bean Sprouts, Ontario, Canada, 2005

03:00 – 03:15 – OP17 – Elena S. Pudova, Kazakhstan
Gastroenteritis Outbreak in a Cafeteria, Ust-Kamenogorsk City, Eastern Kazakhstan, August 4-11, 2005

03:20 – 04:35 pm – Plenary Session 4 Foodborne Diseases II
Moderators: Dionisio Herrera, Advisor FETP/Spain and Greice Madeleine I, Carmo, SVS/MOH, Brazil

03:20 – 03:35 – OP18 – Kivi Marten, Netherlands
A Beef-Associated Outbreak of Salmonella Typhimurium Definitive Phage Type 104 in the Netherlands in September-November 2005 with Bearing on National and International Policy

03:35 – 03:50 – OP19 – Michelle McPherson, Australia
A National Outbreak of Salmonella Typhimurium Phage Type 135 Associated with Chicken from a Supermarket Chain, Australia 2005

03:50- 04:05 – OP20 – Aida T Karipova, Kazakhstan
An Investigation of Community Outbreak of Shigellosis, Karakul Town, Kyrgyzstan, April 2 – 20, 2006

04:05 – 04:20 – OP21 – Li Furong, China
Food-borne Scarlet fever among teachers of a Middle School, Ningbo, Zhejiang, China, 2006

04:20 – 04:35 – OP22 – Lijie Zhang, China
An Outbreak Investigation of Acute Glomerulonephritis, Guizhou, China, 2005

04: 35 – 04:55 pm

Break

05:00 – 06:00 pm – Plenary Session 5 Foodborne Diseases III

Moderators: Edmond Maes, Associated Director for Science, DESCDC/COGH/CDC/Atlanta and Fadzilah Damaludin, FETP/Malaysia

05:00 – 05:15 – OP23 – PH Chung, Hong Kong, China

Consumption of Viscera as the Most Important Risk factor in the Largest Outbreak of Shellfish Poisoning in Hong Kong, 2005

05:15 - 05:30 – OP24 – L. Salamanca-Rodriguez, Spain

Descriptive Study of Reported Foodborne Outbreaks, Cantabria, Spain, 2001-2005

05:30 – 05:45 – OP25 – Asel S Adjaparova, Kazakhstan

An Outbreak of Gastroenteritis Following Public gathering, Tayan Village, Kyrgyzstan, April 27-30, 2005

05:45 – 06:00 – OP26 – Xijiang Wang, China

A Cholera Outbreak from Cold Take-Away Food Eaten by migrant Workers, Zhejiang, China

06:00 – 06:30 pm – Poster Presentation with Authors

Session I

Moderators: Victor Caceres, CDC/Atlanta and Erica Tatto, SVS/MOH, Brazil

06:00 – 06:05 – PP01 – Michelle McPherson, Australia

High Prevalence of Tinea Capitis in Newly Arrived Migrants at an English language School, Melbourne 2005

06:05 – 06:10 – PP02 – Lisa A. King, France

High Vaccine Coverage Following a Measles Mass Vaccination Campaign, Democratic Republic of the Congo, April 2006

06:10 – 06: 15 – PP03 Abo Mitsuru, Japan

Measles Outbreak in Junior and senior High school, Ibaraki, Japan 2006

06:15 – 06:20 – PP04 – Pablo Grajeda A., Peru
Evaluation of Coverage and Information Level during a vaccination Campaign against Yellow Fever, Cusco, Peru, 2004 – 2005

06:20 – 06:25 – PP05 – Mohammad Al Mazroa, Saudi Arabia
Serotypes of Influenza in Hajj, Makkah, Saudi Arabia, 2004

06:25 – 06:30 – PP06 – Akajo Susan Oregede, Uganda
Factors Affecting Use of Community Based Tuberculosis care in Kampala District, Uganda, 2006

Session II

Moderators: Ricardo Mangabeira Kerti Albernaz, university of Pittsburgh/USA and Daniel Roberto Coradi de Freitas, Anvisa, MOH, Brazil

06:00 – 06:05 – PP07 - S. Bina Rai, Malaysia
Outbreak of Echovirus 11 among Newborns in a Confinement Home in Penang, Malaysia, September – October, 2004

06:05 – 06:10 – PP08 – Eman A. Hassan, Egypt
Avian Influenza Outbreak in Egypt, 2006

06:10 – 06:15 – PP09 – Jian Cai, China
Risk Factors for Japan Encephalitis and Antibody test among Pigs, Chongqing, China, 2005

06: 15 – 06:20 – PP10 – Manjubala Panda, India
Outbreak of Mumps Cases in Three Adjacent Villages of Bolangir District, Orissa, India, 2006

06:20 – 06: 25 – PP11 – Lisanne Gerstel, Spain
Evaluation of the Tuberculosis Surveillance System in Extremadura Region, Spain, 2004

06:25 – 06:30 – PP12 – Ana Maria Caro Murillo, Spain
Dose-response Effect of the Mumps. Measles and Rubella Vaccine in a Cohort of School Aged Children during a Mumps Outbreak in Madrid, Spain, 2006

Session III

Moderators: Suely Hiromi Tuboi, University of Pittsburgh, USA and Alessandro Pecego Martins Romano, SVS/MOH, Brazil

06:00 – 06:05 – PP13 – Luiz Alencar, Brazil

Outbreak of Acute Diarrhea with identification of Rotavirus, Teresina, Plauí, Brazil, 2006

06:05 – 06:10 – PP14 – Fabiano R Marques, Brazil

Appropriate vaccination Scheme in Children under Five years Old in an Urban Area of Sobradinho, Distrito Federal, Brazil, 2006/11/30

06:10 – 06:15 – PP15 – Marcio D. N. Mascarenhas, Brazil

Evaluation of national Surveillance of Acute Flaccid Paralysis, 2002 – 2004, Brazil

06:15 – 06:20 – PP16 - Marcio D. N. Mascarenhas, Brazil

Rotavirus Associated gastroenteritis among Children in a Day Care Center, Central Brazil, 2005

06:20 – 06:25 – PP17 – Diaz Rafael, Colombia

Histoplasmosis Outbreak in Telecommunications Workers, Colombia, 2005

06:25 – 06:30 – PP18 – Clara Wilfrido, El Salvador

First Human Case of West Nile Fever, El Salvador, 2003

Session IV

Moderators: Jose Ricardo Pio Marins, SVS/MOH – Brazil and Jose Alexandre Menezes da Silva, SVS/MOH, Brazil

06:05 – 06:10 – PP19 – Rui Durlacher, Brazil

Evaluation of the national Tuberculosis Surveillance System, 2000 –2004, Brazil

06:10 – 06:15 – PP20 – Marcio C. O. Mendes, Brazil

Evaluation of the Pertussis Surveillance System in Brazil, 2001 – 2004

06:15 –06:20 – PP21 – Mohamed Abdalat, Jordan

Incidence and Prognostic Indicators in Children with Bacterial Meningitis, Jordan, 2005

06:20 – 06:25 – PP22 Tammy L. Stuart, Canada
Keeping Tuberculosis Behind Bars: the Challenges of Conducting a Source Case Investigation in a Canadian Prison

06:20 – 06:25 – PP23 Judith Garcia, Guatemala
Characterization of Epidemiological Surveillance for Tuberculosis/AIDS in Guatemala, April 2005

06:25 – 06:30 – PP24 – Pui-Hong Chung, Hong Kong, China
Evaluation of the Need of Hong Kong for a Universal Japanese Encephalitis (JE) Vaccination Program Following an Upsurge for Local JE Cases in 2003 – 2004

06:30 – 08:00 pm
Music Show and Coffee Break

Tuesday, November 14, 2006

08:00 – 09:00 am – Plenary Session 6 Respiratory Diseases I

Moderators: Rebecca Prevots, NIH/USA and Tatiana Lanzieri, SVS/MOH, Brazil

08:00 – 08:15 – OP27 – Chuanlong Xiong, China
A Measles Outbreak in a Population with High Vaccine Coverage, Northeastern, China, 2006

08:15 – 08:30 – OP28 Luise Ledet Muller, Sweden
Low Vaccine Effectiveness during measles Outbreak in Ukraine, September 2005 – May 2006

08:30 – 08:45 – OP29 – Divina C. Antonio, Philippines
Adverse Events Following Measles Vaccine Immunization among Children in a Village in the Northeastern Provinces of Luzon, Philippines, 2006

08:45 – 09:00 – OP30 – Alessandra A. Siqueira, Brazil
Reported Adverse Events of Rotavirus Vaccine Following Routine Childhood Rotavirus Vaccination, Brazil, 2006

09:05 – 10:05 am - Plenary Session 7 Respiratory Diseases II

Moderators: Luis Tafur, FETP, Peru and Ricardo Mangabeira Kerti Albernaz, University of Pittsburgh, USA

09:05 – 09:20 OP31 – Aumoldaeva M. Kazakhstan

An Outbreak of Aseptic Meningitis, Semipalatinsk City, Eastern Kazakhstan Region, August 11 – 13, 2004

09:20 – 09:35 – OP32 – Kwesi E. Dramani, Ghana

Laboratory Investigation of Epidemic Meningococcal Disease Outbreak in Bole District, Ghana, March, 2005

09:35 – 09:50 – OP33 – David M. Mutonga, Kenya

Risk factors for Serogroup X Meningococcal Meningitis, West-Pokot District, Kenya, 2006

09:50 – 10:05 – OP34 – Hoek M. United Kingdom

Vaccination of Household Contacts of a Sporadic of Meningococcal Disease: a Cost-effective Intervention?

10:05 – 10:25 am

Break

10:30 – 12:00 pm – Plenary Session 8 Waterborne Diseases I

Moderators: Yvan Hutin, Advisor FETP/WHO-India and Giselle Hentzy, SVS/MOH, Brazil

10:30 – 10:45 – OP35 – Debasish Halder, India

A Cholera Outbreak in an Urban Slum, West Bengal, India: the Importance of Washing Utensils with Clean water and the danger of Contaminated Tube Well Water

10:45 – 11:00 – OP36 – Alah Baby C. Vingno, Philippines

Cholera Outbreak in Palawan, Philippines, 2006

11:00 – 11:15 – OP37 – Rama Bhunia, India

Contaminated Pipe-water was a Probable Cause of Cholera Outbreak in a Semi-Urban Area in West Bengal, India

11:15 – 11:30 – OP38 – William Z. Lali, Kenya
Cholera Outbreak in (Kawempe Division), Kampala District Uganda, October, 2005

11:30 – 11:45 – OP39 – Rosario P. Pamintuan, Philippines
Waterborne Diarrhea Outbreak in a Southeastern island in Luzon, Philippines, 2005

11:45 – 12:00 – OP40 – Susanta K. Swain, India
Cholera Caused by Pirated Connections on a Rural Water Supply Pipeline System,
Eastern India, 2003

12:00 – 01:30 pm

Lunch

01:30 – 02:45 pm – Plenary Session 9 Zoonotics Diseases

**Moderators: MV Muhekar, National Institute of Epidemiology, Chennai, India
and Albert Ko, Cornell University, USA and Fiocruz-BA, Brazil**

01:30 – 01:45 - OP41 – Theerayudh Sukmee, Thailand
A Large Outbreak of Brucella Melitensis among Farm Workers, Western Thailand,
2005

01:45 – 02:00 – OP42 – Gulya K. Sarybaeva K Kazakhstan
Hantavirus Hemorrhagic Fever with Renal Syndrome Outbreak, West Kazakhstan
Region, Kazakhstan, October 2005 – January 2006

02:00 – 02:15 – OP43 – Gulnara M Aumoldaeva, Kazakhstan
Investigation of Leptospirosis Outbreak, Minbulak Village, Eastern Kazakhstan
Region, Kazakhstan, August 23 – 27, 2004

02:15 – 02:30 – OP44 – Genesis M. J. Samonte, Philippines
A Bite into the Epidemiology of Human and Canine Rabies in the Philippines, 2006

02:30 – 02:45 – OP45 – Peter Makary, Finland
Seasonality of Puumala Virus Infections in Finland

**02:50 – 04:05 pm – Plenary Session 10 Vector Borne Diseases I (Malaria, Dengue
& Chikunguya)**

Moderators: Mufuta Tshimanga, FETP, Zimbabwe ad Roberto de Melo Dusi, SES/DF, Brazil

02:50 – 03:05 – OP46 – Kaur Prabhdeep, India

An Outbreak of Chikunguya Fever in Avadi, Thiruvallur District, Tamil Nadu, South India, 2006

03:05 – 03:20 – OP47 Orellano Pablo, Argentina

Estimation of Dengue Incidence Using a Cluster Survey During an Outbreak in Argentina, 2006

03:20 – 03:35 – OP48 – ANA C. F. Santelli, Brazil

Adherence to Antimalaria Combined Therapy during a Malaria Outbreak, acre State, Brazil, 2005

03:35 – 03:50 – OP49 – Asit K. Biswas, India

Increased Financial Accessibility and Targeted Education Messages Could Increase the Ownership and Used of Bednets in Purulia District, West Bengal, India, 2005

03:50 – 04:05 – OP50 – Joy Althea L. Pabello, Philippines

A Malaria Outbreak in a metropolitan Area in Southern Philippines, 2005

04:05 – 04:25 pm

Break

04:30 – 05:30 – Plenary Session 11 – Vector Borne Diseases II (Leishmaniasis, Bartonellosis)

Moderators: Augusto Lopez, CDC Advisor, America’s Region and Enrique A. Tayag, Director, National Epidemiology Center, Department of Health, Philippines

04:30 – 04:45 – OP51 – Paul E. Pachas, Peru

Persistence of Bacteremia by Bartonella Bacilliformis Post Treatment with Chorafenicol, Ancash, Peru 2003

04:45 – 05:00 – OP52 Subhasish Saha, India

An Accumulation of Visceral Leishmaniasis Cases in Chatrakhali, Canning, West Bengal, India: The Need to Develop New Case Finding Strategies

05:00 – 05:15 – OP53 - Subhasish Saha, India

Leishmaniasis is Preventable in a Highly Endemic Village of the South 24 Parganas District, West Bengal, India

05:15 – 05:30 – OP54 – Nelson Solorzano, Peru

Effects of House Spraying with 3rd Generation Pyrethroids in Population of *Lutzomyia Verrucarum* (Dip: Psychodidae), Huaylas Province, Ancash, Peru

05:35 – 06:05 pm Poster Session with Authors

Session V

Moderators: Juan M Lopes, Chief FETP, Philippines and Beatriz Yuko Kitagawa SES/SP, Brazil

05:35 - 05:40 – PP25 – Tsai Yi Chen, Taiwan

A gastroenteritis Outbreak Due to Norovirus Infection in a Long-Term Care Hospital

05:40 – 05:45 – PP26 - Lai Chaochih, Taiwan

Detecting Pathogens and Risk Factors for Sporadic Gastroenteritis in an ED-Based Matched Case-Control Study

05:45 – 05:50 – PP27 – Shelle L. Williams, Australia

Human Salmonellosis: the Role of Frogs, Dogs and Vacuum Cleaners – NT, Australia, 2005 - 2006/

05:50 – 05:55 – PP28 – VC de los Reyes, Philippines

Typhoid Fever Outbreak Mixed with *Aeromonas* Gastroenteritis-Philippines, 2006

05:55 – 06:00 – PP29 – Ma. Vicenta Rosario P. Vasquez, Philippines

Cholera Outbreak in Communities of island Province of Catanduanes, Philippines, September, 2005

06:00 – 06:05 – PP30 – Ota Masaki, Japan

Indigenously acquired Cholera Cases, January – February, 2006, Japan

Session VI

Moderators: Joao Bosco Siqueira, UFGO, Brazil and George Santiago Dimech, SVS/MOH, Brazil

05:35 – 05:40 – PP31 – Namusisi Oliver, Uganda

Factors Associates with repeated Cholera Outbreaks, a Case of Arua District, Uganda, 2006

05:40 – 05:45 – PP32 – Amitav Das, India

Two Sequential Outbreaks in Two Villages Illustrate the Various Modes of Transmission of Cholera in Eastern India, 2005

05:45 – 05:50 – PP33 – Subhasish Saha, India

The Danger of Using Dirty Pond Water for Personal Hygiene during a Cholera, Kachua, South 24 Pargana District, West Bengal, India 2004

05:50 – 05:55 – PP34 – Sisodiya Rajesh, India

Unsafe water Supply Leading to an Outbreak of Gastro-Enteritis in a Nursing Students Hostel, Indore, Madhya Pradesh, India 2006

05:55 – 06:00 – PP35 – Lijie Zhang, China

A Hepatitis A Outbreak from Ice Snacks Sold to Students in a Township, Sichuan, China, 2006

06:00 – 06:05 – PP36 – Manjubala Panda, India

Outbreak of Hepatitis A a Cases in Village Bhalumunda of Bolangir District, Orissa, India, 2006

Session VII

Moderators: Guang Zeng, Executive Director of CFETP, China and Erica Tatto, SVS/MOH, Brazil

05:35 – 05:40 – PP37 – Bikash Patnaik, India

Hepatitis among Children, Pada Community, Dhenkanal District, Orissa, India, 2005

05:40 – 05:45 – PP38 – Pedro J. Vilaca, Brazil

Foodborne Disease Outbreak in the Epidemiological Surveillance Service of the State Secretary of Health of Sao Paulo, Sao Paulo City, March, 2006

05:45 – 05:50 – PP39 – Ortega Majan M Teresa, Spain
Hepatitis A Outbreak due to Contaminated Food in Ceuta, Spain, 2006

05:50 – 05:55 – PP40 – Ernesto Renoier, Brazil
Outbreak of Acute Toxoplasmosis. Anapolis, Goias State, Brazil, 2006

05:55 – 06:00 – PP41 – Agüero, Maria Gabriela, Argentina
Food Toxic Infection due to salmonella Typhimurium Originated at Home, Chacabuco, Buenos Aires Province, Argentina

06:00 – 06:05 – PP42 – Greice M I dp Carmo, Brazil
A Summary of Reported Foodborne Disease Outbreaks in Brazil, 1999 to 2005

Session VIII

Moderators: Tom Chiller, CDC/Atlanta and Daniel Robert Coradi Freitas, Anvisa/MOH, Brazil

05:35 – 05:40 – PP43 – Leonardo Victor de Knecht, Brazil
Acute Diarrhea Outbreak with Enterotoxigenic Escherichia Coli (ETEC) Detection in an Isolated Community of Para-Nut Pickers, Brazil, 2006

05:40 – 05:45 – PP44 – Chanachai Karoon, Thailand
Investigation of a Big Outbreak Caused by Shigella and Salmonella Contamination in School Lunch, Thailand, 2005

05:45 – 05:50 – PP45 – Suchatsoonthorn Chaiyaporn, Thailand
A Community-wide Outbreak of Acute Viral Gastroenteritis Outbreak in Phichit Province, Thailand, 2006

05:50 – 05:55 – PP46 – Marina Kamaruddi, Malaysia
Study of an Acute gastroenteritis Outbreak in Hulu Perak District, Perak, Malaysia, 2005

05:55 – 06:00 – PP47 – Marie-Line Gilbert, Canada
Hepatitis A in Quebec, Canada, 2005-2006: What If Lab and Epi Don't Fit?

06:00 – 06:05 – PP48 – Manuel C. Mapue II
Fireworks Injury Surveillance – A Five-year review, Philippines

06:30 – 07:30 pm

Cultural Activities

Coffee Break

Wednesday, November 15, 2006

08:00 – 08:15 am

Check in Buses

08:15 am – 12:00 pm

City Tour – Cathedral, JK Museum, Torre Festival, JK Bridge, Catetinho Palace, etc.

12:00 – 02:15 pm

Lunch (Barbeque or Vegetarian Food)

02:15 – 02:30 pm

Interval

02:30 – 06:00 pm – TEHINET Annual General Meeting

02:30 – 03:30 – Roberto Antonio Flores Reyna, Chairman for Board Members and Program Directors

State of the Organization Address

Moderator: Jim Anderson, TEPHINET Executive Director

03:30 – 04:00 pm

Coffee Break

04:00 – 04:20 pm – Donna Jones – DESCDC/CDC/Atlanta

EPITRACK

04:25 – 05:00 pm – Maria Lucia Bosi – Universidade Federal do Ceara

Second External evaluation of Brazilian FETP

05:05 – 06:00 pm

Discussion

06:00 – 07:00 pm

Interval

07:00 – 10:00 pm

6a Expoepi – Opening Ceremony

Thursday, November 16, 2006

08:00 – 09:00 am – Plenary Session 12 Non Communicable Diseases I

Moderators: Henry Walke, CDC/Atlanta, USA and Jim Mendlein, CDC/Atlanta, USA

08:00 – 08:15 – OP55 – Nargis A. Labib, Egypt

Association of Pesticides, HCV, HBV, and Hepatocellular Carcinoma in Egypt

08:15 – 08:30 – OP56 - Clara Wilfrido, El Salvador

Overweight and Obesity Prevalence in Children and Adolescents, El Salvador, 2005

08:30 – 08:45 – OP 57 - Abdulah S Al-Joudi, Saudi Arabia

National Survey of Non-communicable Diseases and Their Risk Factors in Saudi Arabia

08:45 – 09:00 – OP58 – Vitamin A Deficiency Worsened Despite Supplementation among Pre-school Children in Rural Mizoram, Northeastern India, December

09:05 – 10:05 – Plenary Session 13 – Non Communicable Diseases II

Modreators: Lee Lior, FETP Director, Canada and Lenildo de Moura, SVS/MOH, Brazil

09:05 – 09:20 – OP59 – Vinod K, Mehta, India

Persistence of Consumption of Non-Iodized Salt in Rural Areas, Solan District, Himachal Pradesh, India, 2005

09:20 – 09:35 – OP60 – Tapas K. Sen. India

Limited Access to Iodized Salt among the Poor and the Disadvantaged in the "North 24 Parganas" District of West Bengal, India, 2005

09:35 – 09:50 – OP61 – Simon N, Antara, Ghana

Profile of Women Having Unsafe Abortion in Rural Ghana, 2004

09:50 – 10:05 – OP62 – Aijan Dooronbekova, Kazakhstan
Risk Factors for Neural Tube Defects, Bishkek, Kyrgyzstan, 2006

10:05 – 10:25 am
Break

10:30 – 11:15am – Maria Ines Schmidt, Professor of the Federal University of Rio Grande do Sul State, Brazil

Conference: “Non-Communicable Diseases In Developing Countries”

Moderator: Deborah Malta, SVS/MOH, Brazil

11:20 – 12:15 am – Stephen Blount, Director of the Coordinating Office for Global Health/CDC

Speech: “Strengthen Partnership in Training Epidemiology Program for Control and Prevention Diseases”

Moderator: Rubina Lmtiaz, Chief Program Development Branch/CDC

12:15 – 01-30 pm
Lunch

01:30 – 02:45 pm – Plenary Session 14 Non-Communicable Diseases II & Tuberculosis

Moderators: Chuleeporn Jiraponghosa, FETP/MOPH, Thailand and Denise Garrett, CDC & SVS/MS, Brazil

01:30 -01:45 – OP63 – Gaurab Roy, India

Low Prevalence of Arsenicosis in Shyampur II Block of west Bengal Could be due to Successful Implementation of Mitigation Programme, 2005

01:45 – 02:00 – OP64 – Majed Asad, Jordan

Epidemiology of Fatal Injuries, Jordan, 2004

02:00 – 02:15 – OP65 – Darius J. Sebastian, Philippines

Philippine Fireworks Injury Surveillance during the 2005 Yuletide Season

02:15 – 02:30 – OP66 – Ada R. Martinez, Honduras

Associated Factors to failures, Relapse and Abandonment in Patients with Pulmonary Tuberculosis, Olancho, Honduras, 1998 – 2002

02:30 – 02:45 – OP67 – Aigul S. Tursunbayeva, Kazakhstan

Risk Factors for Pulmonary Tuberculosis among Residents 20-50 years old, Chimkent City, South Kazakhstan Region, Kazakhstan, 2004

02:50 – 04:05 pm – Plenary Session 15 – Surveillance System

Moderators: Stephen Blount, Director, COGH/CDC and Douglas Hatch, CDC/Atlanta

02:50 – 03:05 – OP68 – Geronimo Ortega N., Spain

Analysis of Surveillance System of Tuberculosis in Guadelajara, Spain, 2001 – 2005

03:05 – 03:20 – OP69 – Eliana N. C. Barros, Brazil

Evaluation of Leprosy Surveillance System in Para State, Brazil, 2000 – 2004

03:20 – 03:35 – OP70 – Catalina Sherman, Honduras

Evaluation of the Malaria Epidemiologic Surveillance System in an Endemic District of Honduras, Central America, 2004

03:35 – 03:50 – OP71 – Silvia S. Oliveira, Brazil

Evaluation of Dengue Surveillance System in Brazil, January – June, 2005

03:50 – 04:05 - OP72 – Nedal F. Haddad, Jordan

Reasons for Poor disease Reporting by Primary Care Physicians in Private Clinics, Irbid, Jordan, 2003

04:05 – 04:25 pm

Break

04:30 – 05:30 pm – Plenary Session 16 Vaccine Survey

Moderators: Samir-Adel Mah'd Sheikh Ali, Director, Jordan FETP and Cristiana Toscano, PAHO, Brazil

04:30 – 04:45 – OP73 – Erika V Rosseto, Brazil
Estimated Vaccine Coverage in Children Under Five Years Old in Urban Area of Sobradinho, Federal District, Brazil, 2006

04:45 -05:00 – OP74 – Michael L. Z. Lise, Brazil
Timeliness of Vaccination in Children Under Five Years Old in Urban Area of Sobradinho, Federal District, Brazil, 2006

05:00 -05:15 – OP75 – Rongqiang Zu, China
Factors that Influence Vaccination Coverage in a Low-Income Country under the Chinese Expanded Program for Immunization (EPI), Guizhou, China, 2005

05:15 – 05:30 – OP76 – Mohd Yusoff bin Hasim, Malaysia
Sero-protection of Hepatitis B Vaccination among Four Secondary School Children in District of Yan, Kedah State, Malaysia, 2005

05:35 – 06:05 pm

Poster Session with Authors

Session IX

Moderators: Marcelo Wada, SVS/MOH, Brazil and Erica Tatto, SVS/MOH, Brazil

05:35 – 05:40 – PP49 – Azalea Espinoza Aguirre, Costa Rica
Description of the behavior of Burns in Costa Rica, 2000 – 2005

05:40 – 05:45 – PP50 – Darius J. Sebastian, Philippines
Coumaphos Poisoning in a Household, Philippines, 2005

05:45 – 05:50 – PP51 – Joy Althea L. Pabellon, Philippines
A First in Twenty years: Prevalence Study of Mental Health Problems in the national Capital Region, Philippines, 2006.

05:50 – 05:55 – PP52 – Cabreca Ana, Argentina
Investigation of Probable lead Contamination in School Children, San Antonio Oeste, Rio negro, Argentina, 2006

05:55 – 06:00 – PP53 – Grajeda A. Pabio, Peru
Risk Factors Associated to Prematurity in newborn, Lima, Peru, 2004

06:00 – 06:05 – PP54 – Gomez-Bocanegra Victor, Mexico
Hurricane Stan, an Epidemiologic Approach, Mexico, 2005

Session X

Moderators: Ramachandran Kamakrishnan, nation institute of Epidemiology Chennai, India and Jose Alexandre Menezes, SVS/MOH, Brazil

05:35 – 05:40 – PP55 – Tibeihaho Hectir E. Uganda
Response to Traffic Injuries and Injury Outcomes among Health Facility Populations in Mukono District, Uganda, 2005

05:40 – 05:45 – PP56 – Mpairwe Allan, Uganda
Factors Affecting Parent-Child Communication on Issues of Sexual and Reproductive Health, Tororo District, Uganda, 2006

05:45 – 05:50 – PP57 – Wamala Joseph F., Uganda
Prevalence and Risk Factors for Hypertension, Rukungiri District, Uganda, 2006

05:50 – 05:55 – PP58 – Akello Beatrice, Uganda
Risk Factors for Perinatal Mortality in Arua District, Uganda, 2006: A Prospective Case-Control Study

05:55 – 06:00 – PP59 – Pankaj K. Jain, India
High Use Rates of Tobacco among Adolescents in Rural Areas of the Indian State of Uttaranchal, 2004-2005: The Role of Parents

06:00 – 06:05 – PP60 – Harish Chandra S. Martolia, India
Drinking water is the Sole Factor Associated with Caries among Schoolchildren in Uttaranchal, at the Foot of the Indian Himalayas

Session XI

Moderators: Chan Hsien Chiu, Field Epidemiology Training Taiwan and Daniel Roberto Coradi Freitas, Anvisa/MOH, Brazil

05:35 – 05:40 – PP61 – Debasis Roy, India
Performance Gaps in Blindness Prevention, Haora district, West Bengal, India, 2006

05:40 – 05:45 – PP62 – Kaur Prabhdeep, India
Increased Prevalence of Cardiovascular Risk factors among Male Shift Workers in a
Industrial Unit in Chennai, Tamil Nadu, India, 2005

05:45 – 05:50 – PP63 – Ramachandran Vidya, India
Causes and Associated Determinants of Infant Mortality (IM) in Tiruvannamalai
District, Tamilnadu, India

05:50 – 05:55 – PP64 – Janneth M Mghamba, Kenya
Maternal Mortality and Associated Factors in Tanzania: A Review of Facility-Based
Data, April 2005 –April 2006

05:55 – 06:00 – PP65 – Marco A. B. de Almeida, Brazil
Insecticide-Related Toxicity among Workers in the Ministry of Health Building,
Brasilia, Brazil, 2006

06:00 – 06:05 – PP66 – Marcio D. N. Mascarenhas, Brazil
Atmospheric Associated with Emergency Room Visits for Respiratory Illness in Rio
Branco Municipality, Acre State, Brazil, 2005

Session XII

**Moderators: David Mukanga Odaka, Makerere university Institute of Public
Health and George Santiago Dimech, SVS/MOH, Brazil**

05:35 – 05:40 – PP67 – Clara Wiltrido, El Salvador
Kidney Graft Survival in Patients with End-Stage Renal Disease, El Salvador, 1985 -
2004.

05:40 – 05:45 – PP68 – Abdel R. Oloum
Assessment of Drinking Water from Home Reservoirs, Jerash, Jordan, 2005

05:45 – 05:50 – PP69 – Lakana Thaikruea, Thailand
Health Information System and the Tsunami Disaster in Thailand: Lessons Learned

05:50 -05:55 – PP70 – Saipin Chotivichien, Thailand
Monitoring on Iodine Deficiency Disorder (IDD) Status of Children in “Mae Fah
Luang” Community Learning Centers (CLS), 2005.

05:55 – 06:00 – PP71 – Medhi G. K., India

Overweight and Obesity among Urban Adults of Northeastern India and Impact of Education on the Risk of Overweight and Obesity

06:00 – 06:05 – PP72 – Abboah-Offei, Addi, Ghana

Silicotuberculosis Cases among Small-Scale Gold Miners, Wassa West District, Ghana

Friday, November 17, 2006

08:00 – 09:00 am – Plenary Session 17 Outbreak – Investigations by Brazilian Municipalities & States

Moderators: Heloisa Helena Pelluci, SES/MG, Brazil and Marta Helena FDantas, SVS/MOH, Brazil

08:00 – 08:15 – OPST1 – Flavia H. Ciccone, Sao Paulo, Brazil

Meningococcal Disease: Outbreak Investigation in Sucupira Community, Grajau – Administrative District, Municipality of Sao Paulo, 2006

08:15 – 08:30 – OPST2 – Silvia H. Tormen, Santa Catarina, Brazil

American Tegumentary Leishmaniasis (ATL): An Outbreak Description in Balneario Camboriu and Itapema, Santa Catarina, 2006

08:30 – 08:45 – OPST3 – Ivone A. Menegollam Rio Grande do Sul, Brazil

A Rubella Outbreak in Adults Due to Imported Virus, Rio Grande do Sul State, Brazil, 2005 – 2006

08:45 – 09:00 – OPST4 – M^ade Lourdes O. Cajueiro – Bahia, Brazil

An Outbreak in an Orphanage

09:05 – 10:05 am Plenary Session 18 – Outbreak Investigations Brazilian Federal level

Moderators: Luciane Zeppelini Daufenbach and Carmen Lucia Muricy, SVS/MOH, Brazil

09:05 – 09:20 – OP77 – Marco A. B. de Almeida, Brazil

Outbreak of Acute Toxoplasmosis Associated with Consumption of Uncooked Pork, Rio Grande de Sul State, Brazil, 2005

09:20 -09:35 – OP78 – Silvia S. de Oliveira, Brazil
An Outbreak of Brazilian Spotted fever Group Rickettsiosis, Rio de Janeiro, 2005

09:35 -09:50 – OP79 – Eduardo M. Macario, Brazil
Outbreak of Diarrhea in the Kulina Indigenous Population, Ipixuna, Amazonas State, Brazil, September, 2006

09:50 – 10:05 – OP80 – Alessandra A. Siqueira, Brazil
Rotavirus Epidemic and results of a Case-control Study of Risk Factors for death in Young Children, Rio Branco,, Acre State, Brazil, 2005

10:05 – 10:25 am
Break

10:30 – 11:30 – Plenary Session 19 Waterborne Diseases II
Moderators: John Kobayashi, FETP, Japan and Marcelo Wada, SVS/MOH, Brazil

10:30 – 10:45 – OP81 – Jun Yuan, China
Shigellosis from a Defective Water Supply Serving Three Schools, Eastern China, 2006

10:45 – 11:00 – OP82 – Chawanee Sintuvongsanoin, Thailand
Case-Control Study of Risk Factors for Vibrio Cholerae Infection in a Refugee Camp, Thailand, 2005

11:00 – 11:15 – OP83 – Furong Li, China
Hepatitis E from the Water Supply of a Nursing Home, Wuyi County, Zhejiang Province, China 2006

11:15 – 11:30 – OP84 – Basera Celestina, Zimbabwe
The effect of Cultural Practice of Hand-Shaking, in a Cholera Outbreak in Rural Zimbabwe, 2005

11:35 – 12:00 pm – Stephanie DeLong, CCID/CDC
Lecture: Salm-Surv
Moderator: Douglas Hatch

12:00 – 01:30 pm

Lunch

01:30 – 02:30 pm – Plenary Session 20 Late Breakers I

Moderators: Victor Caceres, CDC/Atlanta and Elizabeth David dos Santos, SVS/MOH, Brazil

01:30 – 01:45 – LB1 – Edmond Ma, Hong Kong, China

A Multi-Country Outbreak of Fungal Keratitis Associated with a Contact lens Solution: the Hong Kong Experience, 2005 – 2006

01:45 – 02:00 – LB2 – Martin Isabel, Spain

Investigation of a Large Community Outbreak of Legionnaires' Disease, using the Geographical Information System, Spain, June, 2006

02:00 – 02:15 – LB3 – Bumrungsena Kusak, Thailand

Retrospective Cohort Study of a Large Food-Borne Botulism Type A Outbreak in Northern Thailand, 2006

02:15 – 02:30 – LB4 – Taha Ihdaib, Jordan

Investigation of an Outbreak of Salmonella Enteritis in a Restaurant Associated with Mayonnaise Made from Raw Eggs, Ruseifa, Jordan, 2006

02:35 – 03:35 pm – Plenary Session 21 – Late Breakers II

Moderators: Mark White, CDC/COGH/OCDPC and Vera Lucia Gattas, SVS/MOH, Brazil

02:35 – 02:50 – LB5 – Lisanne Gerstel, Spain

Mumps Outbreak amongst Young Adults after Village Party, Spain, August, 2006

2:50 – 03:05 – LB6 – Eduardo Macirio, Brazil

Beriberi Outbreak, Maranhao State, Brazil, June, 2006

03:05 – 03:20 – LB7 – Mohamed A Mohamed, Tanzania

Measles Outbreak in Dar es Salaam Region, Tanzania, September, 2006

03:20 – 03:35 – LB8 – Camile Moraes, Brazil
Outbreak of Acute diarrhea with Rotavirus Detection, Paraiso do Tocantins, Tocantins, Brazil, 2006

03:35 – 03:55 pm
Break

04:00 – 05:00 pm – Plenary Session 22 Parenteral and Sexual Transmission Diseases
Moderators: Russel Gerber, FETP/Jordan and Jose Ricardo Pio Marins, SVS/MOH, Brazil

04:00 – 04:15 – OP85 – Aurelio Nunez, Panama
Rapid Ethnographic Assessment Exploring HIV/AIDS among Kuna Communities in Panama

04:15 – 04:30 – OP86 – Ahmed Matovu, Uganda
Factors Influencing Adherence to Exclusive Breast Feeding among HIV Positive Mothers in Kabarole District, 2006

04:30 – 04:45 – OP87 – Abed M. Tayem, Jordan
Prevalence of Hepatitis C Virus among Patients in Hemodialysis Unit, Madaba, Jordan, 2004

04:45 – 05:00 – OP88 – Manjubala Panda, India
Unsafe Injection Practices Cause of Injection Abscess In Two Villages of Bolangir District, Orissa, India, 2006

05:05 – 05:55 pm – Jarbas Barbosa da Silva Junior, Deputy Minister/MOH, Brazil
Conference: “From AIDS to Avian Flu”
Moderator: Expedito Luna, Director of Epidemiologic Surveillance/SVS/MOH, Brazil

Session XXX
Moderators: Paul Kelly, FETP Australia and George Santiago Dimech, SVS/MOH, Brazil

06:00 – 06:05 – PP73 – Pineda Blandon S., Spain
Evaluation of the AIDS Surveillance System of the Autonomos Community
Extremadura

06:05 – 06:10 – PP74 – Puell Gomez de Salazar, Spain
Impact of the Introduction of HAART in the Correlation between Incidence and
Mortality by AIDS, Spain, 1986 – 2003

06:10 – 06:15 – PP75 – Remero Palacios, Luz Maria, Nicaragua
HIV Prevalence in Pregnant Women Attended in Public health Facilities, Nicaragua,
November – December, 2004

06:15 – 06:20 – PP76 – Morales Gina, Honduras
Analysis of Prevention of HIV Mother-to-Child Transmission, Honduras, 2004-2005

06:20 – 06:25 – PP77 – Agnes Hajdu, Norway
A Pont-Prevalence Survey of Hospital-Acquired Infections and Antimicrobial Use in
Pediatric Hospital, Northwestern Russia, 2006

06:25 – 06:30 – PP78 - Agnes Hajdu, Norway
Incidence of Surgical Site Infections after Prosthetic Replacement of Hip Joint – First
Results of a New Mandatory Surveillance System ion Norway, 2005

Session XIV

Moderators: Antonio Silva Lima Neto, SES/Ceara, Brazil and Deise Aparecida dos
Santos, SVS/MOH, Brazil

06:00 – 06:05 – PP79 – marten Kivi, Netherlands
Identification of Determinants for Surgical Site Infections in the Netherlands in
1996 – 2004 to Improve Comparison of Infection Occurrence between Hospitals

06:05 – 06:10 – PP80 – Marina Kamaruddin, Malaysia
Hospital-Acquired Infection in Ipoh Hospital, Perak, Malaysia – A Situational
Analysis

06:10 – 06:15 – PP81 – Nyarko, Kofi M., Ghana
Effect of Active Surveillance on Buruli Ulcer? Ahafo Ano North District, Tepa, Ghana,
2003 – 2004

06:15 – 06:20 – PP82 – Musinguzi Isaya D., Uganda
Investigation Conditions Necessary for Private health Practitioners to Fully Participate in Integrated Disease Surveillance, Jinja District, Uganda, 2006

06:20 – 06:25 – PP83 – Manhal M. Halasa, Jordan
Implementation of an Electronic Infectious Diseases Surveillance System, Jordan, 2004

06:25 – 06:30 – PP84 – Divina C. Antonio, Philippines
Emerging Schistosomiasis in Negros Occidental, Philippines, 2006

Session XV

Moderators: Donald Dah-Shyong Jiang, FETP, Taiwan and Alessandro Pecego Martins Romano, SVS/MOH, Brazil

06:00 – 06:05 – PP85 – Genesis May J. Samonte, Philippines
A Malaria Outbreak In a malaria-free Municipality, Philippines, 2005

06:05 – 06:10 – PP86 – CheeKheong Chong, Malaysia
Serological Study of Malaria Transmission in a Malarious Area after Routing Surveillance Shows a 3-year Absence of cases, Cameron highlands, Malaysia, 2006

06:10 – 06:15 – PP87 – Omar Mihat, Malaysia
Using Polystyrene beads in Individual Septic tanks to Curb Aedes Breeding at Tamen Paroi Jaya, Seremban

06:15 – 06:20 – PP88 – Manickam Ponniah, India
Chikungunya fever outbreak in Mallea Village, Kadapa District, Andhra Pradesh, India, 2006

06:20 – 06:25 – PP89 – Manoj V. Murhekar, India
Medicines Must Be Used Rationally to Manage Chikungunya Patients, Andhra Pradesh, India, 2006

06:25 – 06:30 – PP90 – Sen Tapas K., India
Better, Homogeneous Case Detection is needed to Control Urban Malaria in Kolkata Metropolis, west Bengal, India

Session XVI

Moderators: Pablo Orellano, FETP, Argentina and Daniel Roberto Coradi Freitas, Anvisa/MOH, Brazil

06:00 – 06:05 – PP91 – Paul E. Pachas, Peru

Magnitude of the First Outbreak of dengue Fever in the District of Comas, Lima, Peru, 2005

06:05 – 06:10 – PP92 – Garcia Ingrid, Columbia

Epidemiological Situation of Leishmaniases in Columbia, 1990 – 2004

06:10 – 06:15 – PP93 – Rongqiang Zu, China

Brucellosis from occupational Exposure to Mohair from Goats Imported from Northern China, Henan, China, 2006

06:15 – 06:20 – PP94 – Moreno Gabriela, Argentina

Outbreak of Leptospirosis by *Leptospira Pomona* (LPP) in a Rural Establishment, La Paz, Argentina, August, 2005

06:20 – 06:25 – PP95 – Leonardo Victor de Knecht, Brazil

Exposure to Vampire Bats (*Desmodus rotundus*) in a Rural Population Following an Outbreak of Rabies-related Deaths – Maranhao State, Brazil, 2005

06:25 – 06:30 – PP96 – Mahmoud El-Ghosheh, Jordan

Investigation of Typhoid fever Cases – Dieralla, Jordan, 2004

06:30 – 06:35 – PP97 – Silvia Silva Oliveira, Brazil

Rickettsiosis Prevalence in a Mountainous Area in Rio de Janeiro State, Brazil, 2005

07:00 – 10:00 pm

Closing ceremony and Cultural Activities

附件四、TEPHINET 主席及理監事委員會授權臺灣主辦 The Fourth Southeast Asian and Western Pacific Bi-Regional TEPHINET Scientific Conference 函



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November 21, 2006

Training programs in Epidemiology and Public Health Interventions NETWORK

Chan-Hsien Chiu M.D. M.S.

Director, FETP, Center For Disease Control

Taiwan Department of Health R.O.C. T No.6,

Linshen South Road, Taipei, Taiwan, 10050, R.O.C.

On behalf of Chairman Dr. Roberto Antonio Flores Reyna and the Board of Directors of TEPHINET, Inc. we are delighted to accept the offer of the Taiwan FETP to organize the Bi-regional Scientific Conference in Taipei, Taiwan. The two regions involved will be the Western Pacific and South East Asia Regions. We welcome your initiative.

These conferences are important. Trainees benefit from the experience of presenting their work to an international audience of experts. Public health officials benefit by making contacts that they can rely on to help with problems they encounter upon their return home. An event such as this is an opportunity for those attending to learn from the experience of others to acquire new ideas and skills. It is also an opportunity for the conference host to "showcase" its own achievements.

The TEPHINET secretariat is in a position to assist. We will be sending a number of attachments via e-mail to help with the planning stages of this Bi-regional conference. High on the list is to develop a theme for the conference, determine the dates, initiate a web site and an announcement, including a call for abstracts. TEPHINET will set up a link in our website to the Taiwan Bi-Regional Conference Website to promote the conference and to provide information. We welcome any opportunity to participate in discussions in planning the conference.

Yours truly,

Jim Andersen

Executive Director

Dr. Roberto Antonio Flores Reyna Chair, TEPHINET Phone: + (502) 23 69 07 91 ext, 535 email: rflores@smtp.aed.org	Jim Andersen Executive Director TEPHINET Secretariat Phone: + 770 455 1423 email: jandersen@tephinet.org
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附件五、參加研討會活動照片

與會者報到和註冊



交通車接送往返會場和旅館



TEPHINET 大會展示場一



TEPHINET 大會展示場二



海報展示場一



海報展示場二



講習課程(Workshop)一



講習課程(Workshop)二



學員研討會報告一



學員研討會報告二



論文口頭報告會場一



論文口頭報告會場一



電子遙控評分器



現場販售大會拍攝照片



會場活動照片

