

北醫大首位外籍所長～生醫材料暨組織工程研究所的新任所長白台瑞教授



本校口腔醫學院生醫材料暨組織工程研究所的新任所長白台瑞教授，也是北醫大創校 53 年來首位外籍研究所所長，他擁有法國里爾大學的生物化學和微生物學博士學位，並在美國伊利諾伊州農業部研究中心擔任博士後研究助理。他的研究，除了學術，更結合了產業界關注的重點。

白所長曾任法國血漿分離術和生物技術實驗室的主任，並受邀為台灣國家科學研究會的外國專家學者，任職期間長達 3 年。他主要的研究領域是利用血液中的蛋白質的功能活性在轉化醫學和血液相關疾病治療之應用，並利用蛋白純化色層分析和病毒滅活生物技術的血液和重組產品，至目前為止，他已經發表超過 170 篇科學論文和綜合評論文章，並擁有人類血液製品和血液工業所使用的病毒滅活/去除技術相關之國際專利的發明人。【圖：白台瑞所長於 2010 年 11 月擔任「中國輸血協會第 5 屆輸血大會暨中國輸血醫學高層論壇」主講嘉賓】



白教授定期擔任國際輸血及血漿分離術會議的演講者及主席，他不但是和血液中蛋白質和再生醫學領域的國際學術期刊相關領域的審查委員，也是世界衛生組織的血液和生物技術產品的專家，會定期地參加生物製品標準化世界衛生組織專家委員會，並積極參與撰寫世界衛生組織人類血液製品和抗蛇毒血清的指引，除此之外，他也是世界血友病聯盟和其他國際組織的專家。【圖：白教授於 2007 年 12 月受邀為阿拉伯輸血醫學大會（ATMC）主講嘉賓】

身為生醫材料暨組織工程研究所的新任所長，他將致力於促進國際交流，與國外大學建立聯合研究計劃，讓碩士和博士學位的學生受益於輔導合作研究和取得國外聯合大學文憑，增進北醫學生的國際競爭力及國際觀，此外，他也會積極取得國際合作計畫，促進本所的國際曝光率及學術交流。（文/口腔醫學院）【圖：白台瑞所長在北醫大授課的情景】



Thierry Burnouf, PhD

Professor, Taipei Medical University (TMU), Taipei, Taiwan

Thierry Burnouf, from France, got his PhD in Biochemistry and Microbiology at the University of Lille 1, France and was post-doctoral research assistant at the USDA Research Center in Illinois, USA. His research activities combine academic and industrial focuses.



He has been the Scientific Director of the National French Laboratory for Plasma Fractionation and Biotechnology (LFB, Paris, France). Before joining TMU, he got a 3-years position as Foreign Specialist by the Taiwan National Science Council. His research interests are on the therapeutic use and functional activity of blood proteins for applications in translational medicine

and treatment of hematologic disorders. He has published over 170 scientific papers and review articles on chromatographic protein purification and viral inactivation biotechnologies for blood and recombinant products. He is inventor of over 18 granted international patents on human blood products and viral inactivation/removal technologies that are used by the blood industry. 【Picture : Forum discussion at the 5th National Congress of the Chinese Society of Blood Transfusion (CSBT) and China Forum on Transfusion Medicine, Chengdu, China, December 2010】

Thierry Burnouf is a regular guest speaker and chairman at international blood transfusion and plasma fractionation conferences. He is a referee for several international scientific journals to review articles submitted for publication in the fields of blood proteins and regenerative medicine. He is Expert on blood and biotech products to the World Health Organization (WHO, Geneva), participates regularly to the WHO Expert Committee of Biological Standardization (ECBS), and is closely involved into the writing of WHO guidelines on human blood products and antivenoms. He is also a voluntary expert to the World Federation of Hemophilia (Montreal, Canada) and other International Organizations.

As new Director of the Graduate Institute, Pf. Burnouf is highly committed to promote international exchanges with foreign universities and to establish joint research programmes allowing Master' s and PhD students to benefit from co-tutorship for their research studies and joint diploma with foreign universities.