

一、與國外學校進行學術合作交流計畫						調查111年8月1日至112年1月31日 期間建立(新增)計畫案
計畫執行期間	合作計畫名稱	國別	國外學校/單位名稱、聯絡人	本校負責單位、人員	經費(若無，請寫0) (新台幣)	合作交流計畫內容摘要
111/05-112/01/31	臺日(JP)雙邊協議型擴充 充加值(add-on) 國際合作研究計畫 Population-specific and trans-ancestry genome-wide analyses to identify distinct and shared genetic risk loci for quantitative traits and mosaic of chromosomal alterations in East Asians	日本	日本RIKEN (The Institute of Physical and Chemical Research), TERAO Chikashi (Team Leader, Laboratory for Statistical and Translational Genetics, Center for Integrative Medical Sciences (IMS))	公衛系 廖勇柏教授	0	<p>【First Year】 We will identify novel signals associated with mosaic loss of chromosome Y and X. We will continue to identify novel signals associated with mosaic of chromosomal alterations in autosomes. The Japanese side will clarify genetic basis of mCA in Asian populations and contrast with Europeans. The Japanese side will try to maximize statistical power to identify mosaics in Asian populations. This project is planning to combine results of the BBJ (~250k), CKB (~100k), Tohoku MegaBank (~150k) and Taiwan Biobank (~100k).</p> <p>【Second Year】 We will explore novel signals associated with quantitative traits (Heart rate, Total cholesterol, High density lipoprotein cholesterol, Low density lipoprotein cholesterol, etc) and identify causal variants of the traits via meta-analysis of different populations in East Asians.</p>