

## 李宋豬的過去、現況與發展

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臺灣為發展小型豬 (miniature pig) 實驗動物，於 1970 年代由臺灣大學畜牧學系 (現今動物科學技術學系) 李登元與宋永義兩位教授展開臺灣小型豬的田野調查。考慮當時臺灣島內原生小型豬因大陸移民帶入中國豬種與日本殖民引入歐洲盤克夏豬種的雜交問題，捨棄臺灣本島原生小型豬，最後由蘭嶼島引入蘭嶼豬 (最早稱為小耳種豬)。蘭嶼豬屬於臺灣原生小型豬，最大體重約 70 至 90 公斤，屬小型豬，體重與人相近。1975 至 1980 年臺灣大學畜牧學系與畜產試驗所因應政府「發展豬隻供作醫學研究之用」的政策，開始進行實驗動物豬的育種及保種計畫。1983 至 1985 年，臺灣大學畜牧學系李登元與宋永義兩位教授將蘭嶼豬與藍瑞斯 (Landrace) 豬雜交選育出具白色毛皮的李宋豬 (75% 蘭嶼豬，25% Landrace)。臺灣大學生物資源暨農學院動物科學技術系 (簡稱臺大) 李宋豬選育保種至今仍持續進行閉鎖式選育，維持近親品系至今。2015 年通過商標登記，同時通過命名登記，李宋豬得以商用開發。

關鍵語：小型豬、蘭嶼豬、李宋豬

### **The Past, Present Situation & Future Expansion of LeeSung Pig**

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The development of miniature pig for experimental animals in Taiwan started in the 1970s in National Taiwan University Department of Animal Science and Technology (formerly department of Livestock). Prof. Lee D.Y. and Sung Y.Y. were the two professors who expanded field investigations. The concern of accidentally using Taiwan native small pigs with mixed background (the population may have had China pig hybridization introduced by China immigration and European Berkshire pig hybridization introduced by Japanese colonial) caused the Taiwan native small pigs to be an unsuitable nucleus herd, and therefore the Lanyu pig from Lanyu Island (the earliest known as small ear pig). Lanyu pig belongs to the group of Taiwan native small pigs, which has a maximum weight of 70-90 kg which weight is quite close to human being. From 1975 to 1980, National Taiwan University, Department of Livestock and Livestock Research Institute began the lab animal pig breeding and conservation plan following the government's policy of "The development of pigs for medical research". From 1983 to 1985, Prof. Lee D.Y. and Prof. Sung Y.Y. made the hybridization of Lanyu pigs with Landrace pigs, then selectively crossed pigs with white fur to produce the Lee Sung pigs (75% Lanyu pigs, 25%, is also a mini pig). The Department of Animal Science and Technology, College of Bioresources and Agriculture, National Taiwan University (i.e. University of Taiwan) is still continues to carry on the locked breech system selective breeding for Li Sung pig breeds, maintains the close relative strain until now. In 2015 through the trademark registration, simultaneously through the naming registration, Li Sung pig can the commercial development.

Key Words: Miniature pig, Lanyu pig, LeeSung pig