



**World Vegetable Center**

**POSITION ANNOUNCEMENT**

**Research Assistant – Virology**

World Vegetable Center is a nonprofit, autonomous international agricultural research center with headquarters in Taiwan and regional offices around the globe. The Center conducts research and development programs that contribute to improved incomes and diets in the developing world through increased production and consumption of nutritious and health-promoting vegetables. For more information on World Vegetable Center, please visit our website: [www.avrdc.org](http://www.avrdc.org).

The World Vegetable Center is seeking a Research Assistant – Virology to work in the Plant Pathology group at its Headquarters in Shanhua, Tainan, Taiwan. This is a nationally recruited staff position and open for Taiwan nationals only.

**Job Responsibilities**

In cooperation with other members of the virology group and reporting to the Head of Virology, apply “Good Laboratory Practice” to-

- Conduct research activities in plant disease detection, identification and characterization, including RNA and DNA extraction, PCR and RT-PCR, gel electrophoresis, symptom observation and recording, PCR primer design, sequence analysis, disease transmission and host-range studies, etc.
- Accurately document the research activities and progress, including collating and summarizing the results, and preparing research reports.
- Others: take care of daily works in the laboratory as assigned by supervisor, such as prepare materials and equipment for autoclave, prepare buffer/ medium/chemical, order supplies, arrange for the maintenance and servicing of equipment, participating in disease surveys, collecting/sorting disease samples, work in net-house/glasshouse etc.

**Qualifications**

The applicant should have a Bachelor degree in Plant Pathology, Biology, Biotechnology or a related discipline. Experience and skill in methods of molecular biology, particularly in nucleic acid extraction and PCR techniques would be an advantage. The applicant should have a reasonable command of English (written and spoken), and good organization and coordination skills.

**How to Apply:** Applicants should submit application in English with curriculum vitae with education background, work experiences, professional skills, names, and contact addresses (phone number and e-mail) of three referees to Human Resources, PO Box 42, Shanhua, Tainan, Taiwan 74199, e-mail: [jobapply@worldveg.org](mailto:jobapply@worldveg.org), **before 17 April 2017**.



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## 世界蔬菜中心 植物病毒組 誠徵 「研究助理」乙名

<中文說明，以英文版為主>

### 主要工作內容：

依照“優良實驗操作規範”與其他病毒組成員共同進行研究，並將工作進度向單位主管報告。工作項目如下：

- 執行植物病害的檢測和鑑定，萃取RNA和DNA，進行PCR， RT-PCR，膠體電泳，病徵的觀察和記錄，PCR引子設計，核酸序列分析，病害接種和宿主範圍研究。
- 精確記錄研究活動和進展，整理和總結研究成果，撰寫研究報告。
- 執行主管交付之實驗室的例行工作，如準備高壓滅菌材料和器具，配製緩衝液/培養基/化學藥品，訂購耗材，安排設備的維護和保養，參與病害調查，收集/整理植物樣本，及執行其他溫網室的工作等。

**應徵資格：** 在植物病理學，生物學，生物技術或相關領域取得學士學位，具分子生物實驗操作經驗和技巧，特別是具有核酸萃取和PCR技術者。具備英文說、寫能力及良好的組織協調能力。

**應徵方式：** 請將中、英文應徵信、履歷表以及三位推薦人姓名、聯絡地址（包括電話、電子郵件信箱）寄到：亞蔬 - 世界蔬菜中心, 台南市善化區郵政信箱 42 號，人資室 或 寄電子郵件信箱Email: [jobapply@worldveg.org](mailto:jobapply@worldveg.org).

**截止收件日期： 2017 年 4 月 17 日**