



檔 號	年度號/分類號	保存期限
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亞蔬—世界蔬菜中心

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主旨：本中心臺灣臺南善化總部刻正招聘中華民國（臺灣）籍化學分析實驗室經理（Manager－Chemical Analysis）乙名，詳如附件英文職缺公告，歡迎並請鼓勵所屬踴躍於本（109）年 6 月 20 日截止日前投件應徵。

正本： 行政院農業委員會、國立臺灣大學、國立中興大學、國立中央大學、國立屏東科技大學、國立嘉義大學、國立宜蘭大學、中國文化大學、東海大學、國立清華大學、國立交通大學、國立成功大學
副本： 外交部、本中心行政副主任辦公室（不含附件）

亞蔬—世界蔬菜中心



行政院農業委員會總收文



此文已掃描為線上簽核

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The World Vegetable Center (WorldVeg) is a non-profit, autonomous international agricultural research center with headquarters in Taiwan and five regional offices around the globe. WorldVeg conducts research and development programs that contribute to realize the potential of vegetables for healthier lives and more resilient livelihoods. For more information please visit our website: www.avrdc.org

WorldVeg holds the world's largest collection of vegetable germplasm in the public domain. The Center has vegetable breeding programs in Asia and Africa, has strong connections to the seed sector, and is well-placed to develop improved cultivars with traits for tolerance to biotic and abiotic stresses, enhanced shelf life, improved nutrient content and quality. The Center is strengthening its collaborations with advanced research institutions and universities and is currently modernizing its research infrastructure, including its chemical analytics lab.

WorldVeg seeks to employ a **Manager - Chemical Analysis**, to manage the Center's chemical analytical laboratory. The incumbent will be based at Center's headquarters in Shanhua, Tainan, Taiwan and will contribute to the Flagship Program – Healthy Diets.

Key job responsibilities:

1. To manage the facilities and staff of the Center's chemical analytical laboratory based on good laboratory practices, ensuring process and test quality, laboratory safety, good maintenance of equipment and instruments, and procurement and management of laboratory equipment and supplies.
2. Coordinate and supervise chemical analysis conducted in the WorldVeg laboratory. Coordinate and facilitate chemical analyses in the Center's facilities as well as in laboratories of research partners or service providers.
3. Formulate and compile Standard Operating Procedures (SOPs) and records including a laboratory management system for the effective management of the chemical analytical laboratory.
4. Develop and validate methods for analysis and quantification of nutrients and phytonutrients in vegetables and vegetable-based dishes.
5. Develop methods, protocols and capacity to analyze compounds involved in the interactions between plants and pathogens/pests in collaboration with the Center's pathologists and entomologists.
6. Collect, compile, analyze and archive data and prepare internal and official reports.
7. Contribute to the writing of publications, presentations, project reports and contribute to grant proposals for projects involving chemical analysis.
8. Remain updated on the literature and new technologies for chemical analytics of food and vegetables.
9. Train staff, students, partners and visiting scientists in chemical analysis methods, laboratory safety and GLP.
10. Perform any other duties as assigned by the supervisor.

The Person: Candidates must have an advanced degree in Food Chemistry, Agricultural Chemistry, Analytical Chemistry or in a related discipline with a demonstrated specialization in the chemical analysis of crops, food, soil and farm inputs. The person has strong technical and problem solving skills, willing to be trained in new methodologies and procedures and to provide services to the scientists in all of the Center's flagships. The person should have experience in laboratory management and commitment to good laboratory practices. Hands-on experience in High Performance Liquid Chromatography (HPLC) and in the analysis of mass spectroscopy data is highly desired. She/he must have strong communication skills in spoken and written English. The candidate must be able to work as part of multidisciplinary teams in a multicultural and multinational environment.

The Reward: This is a Nationally Recruited Staff (NRS) position with competitive pay and benefits. The appointment is for one year to be extended annually.

How to Apply: Applicants should submit a letter of application explaining their suitability for and interest in the position along with a *curriculum vitae*, a recent passport size photograph, names and addresses (including telephone/fax/e-mail) of three referees, and date of availability to jobapply@worldveg.org before **20 June 2020**. Please mention the position title in the subject line.