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植物病理學系
11203043
收文章

亞蔬-世界蔬菜中心

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植物病理學系

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0313

主旨：檢送本中心徵聘化學分析博士後研究員之徵才啟事一則，敬請惠予公告，請查照。

正本：國立臺灣大學生物資源暨農學院、國立臺灣大學理學院、國立臺灣大學生命科學院、國立臺灣師範大學理學院、國立清華大學理學院、國立成功大學理學院、國立中興大學理學院、國立陽明交通大學理學院、國立中央大學理學院、國立中山大學理學院、國立中正大學理學院、國立彰化師範大學理學院、國立嘉義大學理工學院、國立臺北教育大學理學院、東海大學理學院、輔仁大學理工學院、中原大學理學院、靜宜大學理學院、高雄醫學大學生命科學院、國立清華大學生命科學院、國立中央大學醫理工學院、國立中興大學農業暨自然資源學院、國立中興大學生命科學院、國立嘉義大學農學院、國立嘉義大學生命科學院、國立成功大學生命科學與科技學院、國立東華大學環境暨海洋學院、國立暨南國際大學科技學院、國立中山大學生命科學院、國立中山大學海洋科學學院、國立屏東科技大學農學院、國立宜蘭大學生物資源學院、國立海洋大學生命科學院、國立臺灣海洋大學海洋科學與資源學院、東海大學農業暨健康學院、國立臺灣科技大學應用科技學院、中央研究院農業生物科技研究中心、中央研究院植物暨微生物學研究所、中央研究院分子生物研究所、中國醫藥大學健康照護學院、國立成功大學醫學院、國立陽明交通大學藥物科學院、國立嘉義大學生命科學院、國立臺灣大學公共衛生學院、國立臺灣海洋大學生命科學院、臺北醫學大學營養學院、輔仁大學民生學院、中山醫學大學健康管理學院、大葉大學生物科技暨資源學院

副本：本中心副主任辦公室（不含附件）

擬：張貼本系公布欄及刊登系網頁

亞蔬-世界蔬菜中心

技正林癸棟

教授兼植物病理學系主任 鍾光仁 3/14





**Postdoctoral Scientist- Chemical Analysis
(Taiwanese National)**

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 realizing the potential of vegetables for healthier lives and more resilient livelihoods. For more information please visit our website: worldveg.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 laboratory.

WorldVeg seeks to employ a **Postdoctoral Scientist - Chemical Analysis**, to strengthen the research capacity of the Center's chemical analysis laboratory. The incumbent will be based at the Center's headquarters in Shanhua, Tainan, Taiwan, will contribute to the Flagship Program – Healthy Diets, and report to the Flagship Program Leader – Healthy Diets.

Key job responsibilities:

1. Coordinate and supervise chemical analysis conducted in the WorldVeg chemical analysis laboratory. Coordinate and facilitate chemical analyses in the Center's facilities as well as in laboratories of research partners or service providers.
2. Develop and validate methods for analysis and quantification of nutrients and phytonutrients in vegetables and vegetable-based dishes.
3. 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.
4. Collect, compile, analyze, and archive data and prepare internal and official reports, including writing reports, and attending review meetings.
5. Contribute to the writing of publications, presentations, and project reports and contribute to grant proposals for projects involving chemical analysis.
6. Remain updated on the literature and new technologies for chemical analytics of food and vegetables.
7. Train staff, students, partners, and visiting scientists in chemical analysis methods, laboratory safety, and good laboratory practice.
8. Perform any other duties as assigned by the supervisor.

The Person: Candidates must have a Ph.D. 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 provides services to the scientists in all of the Center's flagships. Hands-on experience in High-Performance Liquid Chromatography (HPLC) and in the analysis of mass spectroscopy data is highly desired. She/he has good 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.

The candidate we hire will embody WorldVeg's Five Core Values:

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| 1. <i>Dedication to Innovation and Knowledge Sharing</i> | Supports the conduct of world-class science, respects ethical standards, and is committed to sharing results in a transparent manner. |
| 2. <i>Commitment to Impact</i> | Aspires to achieve positive, tangible, and lasting impact contributing to Sustainable Development Goals. |
| 3. <i>Commitment to Partnerships</i> | Believes in the value of partnerships to advance research for development. |
| 4. <i>Respect for People</i> | Respect the diversity of gender, culture, ethnic origin, religion, age, beliefs, and views. |
| 5. <i>Respect for the Environment</i> | Strives to minimize its environmental impact and to introduce greener technology and practices. |

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 **30 March 2023**. Please mention the position title in the subject line.