简　历

个人信息			
姓名	言普	性别	男
职称		研究员	
研究所		中国热带农业科学院热带生物技术研究所	
电子邮箱	yanpu@itbb.org.cn		
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研究方向

植物基因编辑、生物育种技术

学习&工作经历

2008 年 1 月至今　中国热带农业科学院热带生物技术研究所　研究员
2014 年 3 月至 2015 年 3 月　美国普渡大学生物系　访问学者
2010 年 9 月至 2012 年 6 月　中国科学院华南植物园　博士研究生
2004 年 9 月至 2007 年 6 月　中国科学院华南植物园　硕士研究生
2000 年 9 月至 2004 年 6 月　华南农业大学园艺学院　本科

代表性成果

论文、专著、专利、品种、标准、承担项目、获奖成果等（每种代表性成果限 5 项）。

代表性论文：

1. Tuo, D., Yao, Y., Yan, P., Chen, X., Qu, F., Xue, W., Liu, J., Kong, H., Guo, J., Cui, H. et al. (2023) Development of cassava common mosaic virus-based vector for protein expression and gene editing in cassava. Plant Methods, 19.
2. Yan, P., Tuo, D., Shen, W., Deng, H., Zhou, P. and Gao, X. (2023) A Nimble Cloning-compatible vector system for high-throughput gene functional analysis in plants. Plant communications, 100471.
3. Tuo, D., Yan, P., Zhao, G., Cui, H., Zhu, G., Liu, Y., Yang, X., Wang, H., Li, X., Shen, W. et al. (2021) An efficient papaya leaf distortion mosaic potyvirus vector for virus-induced gene silencing in papaya. Hortic Res, 8, 144.
4. Yan, P., Zeng, Y., Shen, W., Tuo, D., Li, X. and Zhou, P. (2020) Nimble Cloning: A Simple, Versatile, and Efficient System for Standardized Molecular Cloning. Frontiers in Bioengineering and Biotechnology, 7.
5. Tuo, D., Fu, L., Shen, W., Li, X., Zhou, P. and Yan, P. (2017) Generation of stable infectious clones of plant viruses by using Rhizobium radiobacter for both cloning and inoculation. Virology, 510, 99-103.

专利：

1. 言普, 庹德财, 沈文涛, 周鹏. 一种植物病毒表达载体及其应用. ZL202211328434.5
2. 言普, 周鹏, 沈文涛, 庹德财, 黎小瑛. 一种 DNA 分子克隆方法及其应用. ZL201710222909.5
3. 言普, 庹德财, 付兰兰, 沈文涛, 黎小瑛, 周鹏. 一种病毒侵染性克隆的构建方法及其应用. ZL201610824257.8
4. 言普, 周鹏, 沈文涛, 庹德财, 黎小瑛. 一种用于双分子荧光互补研究的表达载体及其应用. ZL201510739878.1
5. 言普, 周鹏, 沈文涛, 黎小瑛. DNA 分子克隆方法. ZL201510355929.0

科研项目：

1. 中国热带农业科学院“揭榜挂帅”项目：热带作物(木薯、番木瓜)高效遗传转化体系与基因编辑技术研发。2022.01-2026.12。主持；
2. 海南省自然科学基金：基于 Nimble Cloning 的 DNA 模块化拼接和多级组装研究。2022.04-2025.03。主持；
3. 海南省自然科学基金：新型 DNA 分子克隆系统的开发和应用。2020.12-2023.12。主持。

获奖成果：

1. 海南省技术发明奖二等奖：标准化 DNA 分子克隆系统的研发和应用。2023 年。第一完成人；
2. 海南省科技进步奖二等奖：分子载体构建技术的创新及其在生物学研究中的应用。2015 年。第二完成人。

CURRICULUM VITAE

Personal Information				
Name	Pu Yan	Gender	Male	
Position Title		Professor		
Institute		Institute of Tropical Bioscience and Biotechnology, CATAS		
Email	yanpu@itbb.org.cn			
Address	No. 4 Xueyuan Road, Longhua District, Haikou, Hainan Province, 571101			
Tel	13648646633		Fax	

Research Interest

Genome editing in plants; Plant breeding techniques

Education & Working Experience

January 2008 to present, Institute of Tropical Biotechnology, CATAS, Researcher/Professor;
March 2014 to March 2015, Biology Department, Purdue University, USA, Visiting Scholar;
September 2010 to June 2012, South China Botanical Garden, Chinese Academy of Sciences, doctoral candidate;
September 2004 to June 2007, South China Botanical Garden, Chinese Academy of Sciences Master;
September 2000 to June 2004, College of Horticulture, South China Agricultural University, Bachelor

Representative Result

Selected Publications:

1. Tuo, D., Yao, Y., Yan, P., Chen, X., Qu, F., Xue, W., Liu, J., Kong, H., Guo, J., Cui, H. et al. (2023) Development of cassava common mosaic virus-based vector for protein expression and gene editing in cassava. Plant Methods, 19.
2. Yan, P., Tuo, D., Shen, W., Deng, H., Zhou, P. and Gao, X. (2023) A Nimble Cloning-compatible vector system for high-throughput gene functional analysis in plants. Plant communications, 100471.
3. Tuo, D., Yan, P., Zhao, G., Cui, H., Zhu, G., Liu, Y., Yang, X., Wang, H., Li, X., Shen, W. et al. (2021) An efficient papaya leaf distortion mosaic potyvirus vector for virus-induced gene silencing in papaya. Hortic Res, 8, 144.
4. Yan, P., Zeng, Y., Shen, W., Tuo, D., Li, X. and Zhou, P. (2020) Nimble Cloning: A Simple, Versatile, and Efficient System for Standardized Molecular Cloning. Frontiers in Bioengineering and Biotechnology, 7.
5. Tuo, D., Fu, L., Shen, W., Li, X., Zhou, P. and Yan, P. (2017) Generation of stable infectious clones of plant viruses by using Rhizobium radiobacter for both cloning and inoculation. Virology, 510, 99-103.

Patents:

1. Yan Pu, Tuo Decai, Shen Wentao, Zhou Peng. A plant virus expression vector and its application. ZL202211328434.5
2. Yan Pu, Zhou Peng, Shen Wentao, Tuo Decai, Li Xiaoying. A DNA molecular cloning method and its application. ZL201710222909.5
3. Yan Pu, Tuo Decai, Fu Lanlan, Shen Wentao, Li Xiaoying, Zhou Peng. A method for constructing viral infectious clones and its application. ZL201610824257.8
4. Yan Pu, Zhou Peng, Shen Wentao, Tuo Decai, Li Xiaoying. An expression vector for studying bimolecular fluorescence complementarity and its application. ZL201510739878.1
5. Yan Pu, Zhou Peng, Shen Wentao, Li Xiaoying. DNA molecular cloning methods. ZL201510355929.0

Grants:

1. Central Public-interest Scientific Institution Basal Research Fund: Research and Development of Efficient Genetic Transformation System and Gene Editing Technology for Tropical Crops (Cassava, Papaya). 2022.01-2026.12. PI;
2. Natural Science Foundation of Hainan Province: Research on DNA modular splicing and multi-level assembly based on Nimble Cloning. 2022.04-2025.03. PI;
3. Natural Science Foundation of Hainan Province: Development and Application of a New DNA Molecular Cloning System. 2020.12-2023.12. PI.

Awards:

1. Second Prize of Hainan Province Technology Invention Award: Research and Application of Standardized DNA Molecular Cloning System. In 2023;
2. Second Prize of Hainan Provincial Science and Technology Progress Award: Innovation in Molecular Vector Construction Technology and Its Application in Biological Research. In 2015.