

# CURRICULUM VITAE

Personal Information			
Name	YANG, Yaodong	Gender	Male
Position Title	Professor		
Institute	Coconut Research Institute of CATAS		
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Address	NO.496, Wenqing AV. Wenchang City, Hainan, China		
Tel	18889653800	Fax	0898-63330673
Research Interest			
<p>Mainly engaged in research on the genome of tropical oil crops such as oil palm and coconut, analysis of important agronomic traits, development of molecular markers, construction of crop fingerprints, and molecular assisted breeding techniques.</p>			
Education & Working Experience			
1985.09-1989.07 Bachelor of Marine Biology, Qingdao Ocean University			
1989.09-1995.10 Aquaculture professional teacher of Jimei Fisheries School			
1995.10-1997.07 Master of Aquaculture, Ghent University, Belgium			
1997.09-1998.07 Master of Molecular Biology and Biotechnology, University of Brussels			
1998.09-2000.04 Research Assistant, University of Leuven, Belgium			
2000.04-2004.08 PhD, Plant Cell and Molecular Biology, Heidelberg University, Germany			
2004.09-2007.02 Postdoctoral fellow, Danforth Plant Science Center, USA			
2007.02-2009.09 Research associate, Delaware Institute of Biotechnology			
2009.10-2010.10 Project Supervisor of Xiamen Yinqing Biotechnology Company			
2010.11-present Professor, Coconut Research Institute of CATAS			
2011.01-present Executive Deputy Director of Hainan Provincial Key Laboratory of Tropical Oil Crops Biology			

## Representative Result

### 1. Peer-review paper

1) **Yaodong Yang\***, Mumtaz Ali Saand, Walid Badawy Abdelaal, Jun Zhang, Yi Wu, Jing Li, Haikuo Fan, Fuyou Wang. (2020) iTRAQ-based comparative proteomic analysis of two coconut varieties reveals aromatic coconut cold-sensitive in response to low temperature. **Journal of Proteomics** DOI 10.1016/j.jprot.2020.103766

2) Yong Xiao; Pengwei Xu; Haikuo Fan; Luc Baudouin; Wei Xia; Stéphanie Bocs; Junyang Xu; Qiong Li; Anping Guo; Lixia Zhou; Jing Li; Yi Wu; Zilong Ma; Alix Armero; Auguste Emmanuel Issali; Na Liu; Ming Peng; **Yaodong Yang\*** (2017) The genome draft of coconut (*Cocos nucifera*). **GigaScience** 6(11):1-11

3) Xiao Yong, Wei Xia, **Yaodong Yang\***, Annaliese S. Mason, Xintao Lei, Zilong Ma (2013) Characterization and evolution of conserved miRNA through duplication events in date palm (*Phoenix dactylifera*) **PloS ONE** 8(8): e71435. doi:10.1371/journal.pone.0071435

4) **Yaodong Yang**, Ulrich Z. Hammes, Christopher G. Taylor, Daniel P. Schachtman, and Erik Nielsen (2006) High-Affinity Auxin Transport by the AUX1 Influx Carrier Protein. **Current Biology** 16: 1160-1160

5) **Yaodong Yang**, Rabab el Amawi, Julia Bubeck, Rainer Pepperkok, Christophe Ritzenthaler, and David G. Robinson (2005) Dynamics of COPII vesicles and the Golgi apparatus in cultured *Nicotiana tabacum* BY-2 cells provides evidence for transient association of Golgi stacks with endoplasmic reticulum exit sites. **Plant Cell** 17(5): 1513–1531

### 2. Book

Coconut Molecular Marker and DNA Fingerprinting and Application, China Agricultural Science and Technology Press, Chief Editors: **Yang Yaodong**, Li Jing, Zhou Lixia; Associate Editors: Xu Lijing, Wu Yi

### 3. Patent

1) A specific SSR primer and identification method for the purity of perfume coconut seedlings (CN201410657128.5) **Yang Yaodong**; Wu Yi; Shen Yan; Xiao Yong; Xia Wei; Li Jing; Zhou Lixia

2) A special extraction buffer and extraction method for total protein of oil palm leaves (CN201410657130.2) **Yang Yaodong**; Wu Yi; Xiao Yong; Li Jing; Zhou Lixia; Xia Wei

### 4. Projects

1) NSFC project (32071895) -Study on the Role and Regulation Mechanism of Coconut R2R3-MYBs Transcription Factor in the Formation of Epicarp Color (2021-2024) ¥580,000

2) Hainan Innovation Research Team Project (320CXTD444)-Multi-omics-based study on the molecular mechanism of coconut cold stress response and adaptation (2021-2023) ¥300,000

3) NSFC project (31870670) - Role of transcription factors EgWRI1s in regulating the differential fatty acid composition formation in oil palm (2019-2022) ¥600,000

4) Institute Innovation Team (NO.17CXTD-28)-Analysis of important traits of coconut and functional genes mining and application-(1630152017019), (2017-2021) ¥500,000

### 5. Achievement award

1) Biological basic research on high yield and cold resistance of oil palm, Hainan Science and Technology Progress Award (third prize) Cao Hongxing, **Yang Yaodong**, Xiao Yong, Lei Xintao, Wang Yong, Zhou Lixia

2) 2014 China Overseas Chinese Contribution Award (Innovative Talent Award)