

SUPPORT ACTIONS 2007, 2008 & 2009

Project (Support action 2007)	Project leader
The role of BoLA-like proteins in iron homeostasis and iron-sulfur cluster biogenesis in Arabidopsis	J.-F. Briat
Automated identification of weed species in Camargue rice fields using techniques for the recognition of visual content	D. Barthélémy
Genetic analysis of cadmium accumulation in lettuce (<i>Lactuca sativa</i>)	P. Berthomieu
Unravelling pathogenicity of <i>Xanthomonas albilineans</i> , an original model in plant pathology	M. Royer
Consortium International en Biologie Avancée (CIBA, International Advanced Biology Consortium), Agropolis/Embrapa initiative	M. Berthouly
Analysis and assessment of the spatial and temporal variability of the vine water status at a micro-regional scale from ground based data and different spatial information sources.	Ph. Lagacherie
Auxin transport as a key regulator of root developmental responses to nitrogen in <i>Arabidopsis thaliana</i> and <i>Casuarina glauca</i> .	A. Gojon
Molecular, developmental and genetic studies on the fruit abscission process of oil palm (<i>Elaeis guineensis</i> Jacq.)	T. Tranberger
Integration of genetic, genomic, and marker assisted selection approaches to construct a sustainable Phytophthora resistance in new cocoa varieties	C. Lanaud
International Thematic School: "Agrobiodiversity: people and plants. Tools and analytical methods"	J.L. Pham
Learning, Producing and Sharing Workshop : what tools can be used to strengthen capacity, accompanying measures, collective construction and the sustainable implementation of innovations in dry rural zones in Africa?	D. Clavel
The varietal diversification process in fig and olive in Morocco: an ethnobiological and genetic interdisciplinary approach.	F. Dosba
Capitalization and capacity building on method to assess and develop agroforestry innovation in humid tropics (Africa and Mesoamerica)	N. Sibelet
International symposium on 'Innovation and sustainable development', 2010	H. Devautour
Leaf growth and soil water deficit in <i>Arabidopsis thaliana</i> and apple tree: the 3 dimensions	C. Granier
1st Languedoc Roussillon - Catalonia meeting on Integrative Plant Biology	F. Tardieu
13th World Water Congress - Montpellier 1 - 4 September 2008	M. Voltz
Digital analysis of the stability of a forest slope with integration of the space-time dynamics of the stand	T. Fourcaud
Preparation of an approach for the Construction of Innovative Agro-ecological Intensification Systems to contribute to more sustainable agriculture (C-SIAD)	B. Triomphe
Understanding emergence of infectious diseases : linking genomic evolution to the evolution of virulence of aphytovirus during the course of adaptation to its hosts	R. Froissart
Canopy Architecture modelling for improved genotype-environment description from remote sensing	F. Baret

Project (Support actions 2008)	Project leader
An international platform for the elucidation of gene function using rice as a model species : The RicE FUnctional GENomics (REFUGE) Platform	E. Guiderdoni
Structuring scientific platform "Characterization of raw and biotransformed Plant Lipids and hydrophobic Polymers for a Green and sustainable Chemistry" (PlantLipPol-Green)	E. Dubreucq
Response of natural Arabidopsis accessions to salt stress - A French - Chinese initiative	C. Maurel
Preparing an international networking project on rice blast diversity.	D. Tharreau
Collect of wild cocoa genetic resources related to aromatic chocolate qualities in Ecuadorian Amazonia	C. Lanaud
Analysis of Xanthomonas albilineans Gene Expression During Sugarcane Leaf Scald Pathogenesis	M. Royer
AGRO2010 MONTPELLIER - The Scientific Week around Agronomy	J. Wery
Integrative Proteomics Resources for Molecular Phenotyping of Plant Growth Responses to Environment and Climate Changes	M. Rossignol
Impact of changing environmental and anthropogenic constraints on the diversity of asexually propagated crops: towards an international research proposal on yam agrobiodiversity	J.-L. Pham
Adaptative responses of the N ₂ -fixing symbiotic interaction between Medicago truncatula and rhizobia to whole plant N limitation	G. Laguerre
Development of a system for high throughput functional analysis of magnaporthe grisea virulence effector proteins	T. Kroj
Organisation of a workshop entitled "Reference sets of food crop germplasm for international collaboration"	J.-C. Glaszmann
E-Learning on plant grape collections from LR	T. Lacombe
Challenging theories and frameworks on socio-ecological systems with empirical research results	F. Bousquet M. Antona
Towards a federative research on modeling and simulation platforms	J.-P. Müller J. C. Fabre
Agropolis computational plant seminar	Y. Guédon C. Granier L. Laplaze
Modeling and optimization of bioconversion of plant materials in inhomogeneous media	E. Dubreucq J. Harmand A. Rapaport
Developing a statistical framework to study genotype and environment interactions in association studies	Y. Vigouroux E. Buckler
OpenAlea: an open software platform for plant modelling at different scales	C. Godin C. Pradal C. Fournier
PI@ntNet: Plant computational identification & collaborative information system	D. Barthelemy N. Boujema
Model level integration for understanding and managing human influenced ecosystems at the landscape scale	X. Louchart M. Jaeger
Computational model for electrical signalling in plants in relation to polarized patterns of development and morphogenesis, and to adaptative responses to stresses (ELEXIGNAL)	J.-B. Thibaud A.-G. Rolland-Lagan
Development of a tool box for the modelling and simulation of retroactions between plant growth and plant biomechanics	T. Fourcaud T. Almeras
3D virtual fruit - application to the control of fruit growth and quality	N. Bertin C. Godin
Comparaison des génomes de trois Araceae d'importance, coévolution du sorgho et du striga et étude de l'association chez le sorgho	A. D'Hont

Project (Support actions 2009)	Project leader
Has Ceratonia siliqua set up a joint venture with mycorrhizal and nitrogen fixing symbioses? Potential for early tree growth and orchards implantations	Y. Prin
Agriculture sources of atmospheric biological ice nucleators in dryland cropping systems	C.E. Morris
Coupling of C, N & P biogeochemical cycles in nodulated legume rhizosphere in agroecosystems of reference areas of the Mediterranean basin	J.-J. Drevon
Development of a non-destructive near infrared spectroscopic phenotyping methodology for mandarin fruits as an aid to the study of phenotypic variability in response to water stress and to varietal selection	G. Self
Men and Fruit trees around the Mediterranean: from domestication to present varietal and genetic diversities, from local management practices over time to contemporary international trading	B. Khadari
International Symposium "Innovation and Sustainable Development in Agriculture and Food" - Organization of a Mediterranean working session	H. Devautour
Conference « reconsidering food nutritional quality from the plate to the field »	M. Padilla
Understanding land surface - atmosphere exchanges within a Tunisian hilly watershed devoted to agricultural activities : on the influence of upward and downward flows on energy and mass transfers	F. Jacob
Food Security in Mediterranean Areas in 2030: qualitative and quantitative issues	M. Padilla
Organisation of an international workshop on Mediterranean palms	J. Tregear
International Workshop on Tree Stability Modelling	T. Fourcaud T. Almeras
Reconstruction of 3D geometric model of plant from laser scanner data	F. Boudon P. E. Lauri
Modelling of water and nutrients uptake by plant root systems: a mathematical and numerical approach with explicit account of root system architecture	C. Doussan M. Comte
Population genetics and architectural-functional plant growth models. Application to Mascarocoffea (coffee trees natives from Madagascar) genetic resources preservation	S. Sabatier P. De Reffey
PHENOTyping by Modelisation of plant ENvironment and Architecture	B. De Solan C. Pradal
A tool to conceive sustainable production systems _ case of the peachbrown rot couple	B. Quilot -Turion M. M. Ould Sidi N. Hilgert
Third International Symposium in the series Plant Growth Modeling, Simulation, Visualization and Applications	M. Jaeger J. Lecoecur
Dynamics and evolution of life history traits in plant pathogens and pests	V. Ravigné F. Grognard
Organization of the Agropolis session within the 'TDWG- Biodiversity Information Standards' 2009 annual meeting, Montpellier, 9-13 November	D. Barthelemy J.-L. Pham
A thematic network to reinforce regional collaborative projects in virtual landscape and ecosystem visualisation	M. Jaeger G. A. Patow
Coupling photon and proton imaging : towards a 3D functional imaging in plant	J.-L. Verdeil G. Conejero
Arcad: Agropolis Resource Center for CropConservation, Adaptation and Diversity	J.-L. Pham
Acquisition de compétences dans le domaine de la rhéologie de la matière molle	P. Menuit
Additional support for the realisation of the congress AGRO2010 MONTPELLIER	J. Wery
The future of Agricultural Research for Development: A rendezvous for young researchers from the South and the North	T. Kammili