

190/2007

**Edition 2007 du programme de Génomique végétale – Génoplante 2010**

Liste des projets sélectionnés (par ordre alphabétique) :

| <b>ACRONYME et titre du projet</b>   | <b>Coordinateur</b>          |
|--|------------------------------|
| <b>APHICIBLES</b> : Symbiosis, digestion and reproduction as Aphid physiological processes to indentify new targets for insecticides   | Yvan Rahbe                   |
| <b>AVirLep</b> : A whole-genome-based search for Leptosphaeria maculans avirulence and aggressiveness genes to improve management of resistance genes of oilseed rape to stem canker disease                               | Marie – Hélène Balesdent     |
| <b>FROG</b> : Stabilizing yield under abiotic constraints: Functional characterisation of Orphan genes in A.thaliana and application to rice   | Mylène Durand- Tardif        |
| <b>GENERGY</b> : Improvement of the oil yield of the rapeseed crop in the context of bio fuel production   | Nathalie Nesi                |
| <b>GENESALB</b> : Genetic analysis of resistance to South American Leaf Blight (SALB) in rubber tree (Hevea spp.)  | Marc Seguin                  |
| <b>GnpAnnot</b> : Structural and functional annotation platform supported by comparative genomics and dedicated to plant and bio-aggressor genomes   | Stéphanie Sidibe Bocs        |
| <b>GnpInteGr</b> : Integrative platform in genomics : interoperability between databases, databanks and tools, set up of a collaborative environment in software development, support for large scale scientific projects. | Delphine Steinbach<br>Samson |
| <b>GrapeFunGen</b> : Developpement de ressources génétiques adaptées à l'analyse fonctionnelle chez la vigne   | Didier Merdinoglu            |
| <b>GRASSBIOFUEL</b> : Increasing the potential of biofuel production from ligno-cellulosic biomass of grasses through genetic and genomic approaches of cell wall biosynthesis based on maize as a model system            | Yves Barriere                |
| <b>HyPer-Maize</b> : Hybrid yield performance in maize   | Wyatt Paul                   |

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|--|-------------------------------|
| <b>IRMA</b> : Molecular bases of disease and resistance in the Interaction of Rice and Magnaporthe grisea  | Jean – Benoît Morel           |
| <b>MCQTL_LD</b> : Logiciel MCQTL   | Brigitte Mangin               |
| <b>MoniMaize</b> : The <i>Fusarium</i> "Gibberella fujikoroï" complex on maize: New insights on pathogen/pathogen and host/pathogen interactions and their consequences on fumonisin biosynthesis. | Christian Barreau             |
| <b>PHYTOSOL – 2</b> : Functional confirmation of candidate genes for a broad-spectrum resistance QTL against <i>Phytophthora</i> in Solanaceae   | Véronique Lefebvre            |
| <b>PROTICws</b> : ProticWorkShop: A bioinformatics environment for proteome data validation, analysis and integration  | Johann Joets                  |
| <b>REALTIME</b> : Realtime effects of natural selection by pests and pathogens on host tree genome   | Marie – Laure Desprez-Loustau |
| <b>REGENEOME</b> : Genomic and epigenomic bases of plant cell totipotency: A laser Assisted Microdissection approach   | Jean – Denis Faure            |
| <b>RIL-KIT</b> : Tools to optimize the use of RIL populations, for natural diversity studies and QTL cloning   | Christine Camilleri           |
| <b>SEEDPLASTOMICS</b> Embryonic photosynthesis and seed maturation: characterisation of plastid gene expression and its importance for germination vigour and longevity of seeds                   | Lerbs-Mache                   |
| <b>SUNYFUEL</b> : Improving sunflower yield and quality for biofuel production by genomics and genetics  | Patrick Vincourt              |
| <b>WALLTALK</b> : Plant cell walls: where microbes meet plants   | Deborah Goffner               |

*La décision de financement de ces projets est conditionnée par la validation des budgets des projets, par les résultats de l'analyse financière des partenaires privés et par la fourniture par chaque partenaire des informations administratives et financières nécessaires.*

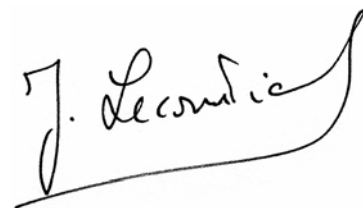
Liste complémentaire :

| <b>ACRONYME et titre du projet</b>  | <b>Coordinateur</b> |
|---|---------------------|
| <b>1/ WHEAT PERFORMANCE</b> : Genetic control of Yield components in Wheat  | Alain Murigneux     |
| <b>2/ DELICAS</b> : Association mapping and model phenotyping for the characterization of molecular markers associated with sugarcane yield formation and limitation  | Samuel Nibouche     |
| <b>3/ LIPALM</b> : The reduction of lipase activity in the oil palm ( <i>Elaeis guineensis</i> Jacq.) fruit and the identification of molecular markers to improve competitiveness for biodiesel production | Norbert Billotte    |
| <b>4/ GenoQTL</b> : Integrating physical maps and meta-QTL to enhance candidate gene discovery  | Johann Joets        |
| <b>5/ VIPomics</b> : Genomics of grapevine susceptibility and resistance to grey mould and downy mildew : necrotrophy <i>versus</i> biotrophy   | Muriel Viaud        |

*La liste des projets définitivement financés par l'ANR sera rendue publique au terme des instructions administrative et financière.*

Le 13 juillet 2007

Le Directeur Général



Jacqueline Lecourtier