



EU Funded Research Project

Partner Search Form

Date:	Deadline:
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Contact

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Familiar with the European Framework Programme? YES NO

PROJECT

Title: Development of more efficient risk analysis techniques for pests and pathogens of phytosanitary concern	Acronym:
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Project type	<input checked="" type="checkbox"/> Large-scale integrating collaborative project <input type="checkbox"/> Targeted to SMEs <input type="checkbox"/> Coordination and Support Action <input type="checkbox"/> Other (Marie Curie Actions, ERA-NET...)	<input checked="" type="checkbox"/> Small or medium-scale focused research collaborative project <input type="checkbox"/> Network of Excellence <input type="checkbox"/> Research for the benefit of SMEs
Status	<input checked="" type="checkbox"/> Planned for submission	<input type="checkbox"/> Running project
Call references	<input checked="" type="checkbox"/> 1 st Call <input type="checkbox"/> 2 nd Call	

Priorities' Main Research Areas (Topics from Workprogramme)	Call: FP7-KBBE-2007-1 <ul style="list-style-type: none"> •KBBE-2007-1-2-03: Development of more efficient risk analysis techniques for pests and pathogens of phytosanitary concern
Keywords	Molecular Virology, Molecular breeding, Molecular Markers, Sharka Virus, abiotic stress, Molecular biological techniques, Antibody engineering, Tospovirus, Insects, crop improvement, Research and Development.
Partners already involved	NON
Project budget (for the running projects)	NON
Commitment/Work to be offered	1- Mapping disease resistance genes using polymorphic DNA markers restriction fragment length polymorphism (RFLP) map, random-amplified polymorphic DNA (RAPD), amplified fragment length polymorphism (AFLPs) and sequence characterized amplified regions (SCAR's). 2- Marker assisted selection of breeding lines that contain chromosome segments associated with disease resistance 3- Plant transformation with genetically engineered expression casset (transgenic plants). 4- Design the sequences of of Ribozymes, antisense-RNA, plantibodies, Phage display, coat protein expression, etc.
Experience	1) Recipient of the Outstanding Researcher Award, ARC, Egypt (May 2005). 2) Principal Investigator of the Project entitled "The use of Molecular biology in development of recombinant antibodies for use in the production of diagnostic packaging materials (kits) specific for potato viruses" (Submitted to ASRT, Egypt). 3) Member of the American Association for the Advancement of Science (AAAS). 4) Member of Egyptian Society of Virology. 5) Member of Egyptian Society for Microbiology. 6) Recipient of Research and Training Fellowship, General Botany/Microbiology and Molecular Biology of RNA and DNA Viruses. Michigan State University and Cornell University, USA (1993).

Profile of Partner Sought

Role	<input type="checkbox"/> <input checked="" type="checkbox"/> technology development <input type="checkbox"/> <input checked="" type="checkbox"/> research <input type="checkbox"/> <input checked="" type="checkbox"/> training <input type="checkbox"/> <input checked="" type="checkbox"/> dissemination <input type="checkbox"/> <input checked="" type="checkbox"/> demonstration <input type="checkbox"/> <input checked="" type="checkbox"/> other
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If another role expected, please specify it here

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Country /region	EU partners
Start of partnership	<input type="checkbox"/> <input checked="" type="checkbox"/> start-up phase <input type="checkbox"/> mid-term <input type="checkbox"/> end-phase
Expertise required	The partners experience required should be acquainted with Early Plant health, warning systems, remote sensing, Pest managements, Genomics, and Proteomics.

I agree with the publication of my data

Please fill-in and return it to:

Egyptian National Scientific & Technical Information Network (ENSTINET)

By email to: fp7@sti.sci.eg

By fax. To: (+202) 7947807