

Reports on Completed Research Projects – 2012

نتائج مشاريع الابحاث المنتهية

Below is a list of researchers who have completed their research projects in 2012, with the titles listed by speciality. The report on the work done by each researcher is given by clicking on the title of the project. The CNRS would like to warn readers that it does not accept responsibility for the contents of the reports or for the language in which they are written. For any questions regarding the reports, please contact individual authors using the address or phone number given in the report.

فيما يلي لائحة باسماء الباحثين الذين انجزوا ابحاثهم، يمكنك التعرف على نتائج ابحاث كل منهم من خلال الملف المرتبط باسم كل منهم أو بعنوان بحثه. يهيم المجلس ان يعلن أن النتائج المعلنة عن كل بحث هي **على مسؤولية الباحث نفسه**، ولا يتحمل المجلس اية مسؤولية علمية أو لغوية من جراء نشر هذه التقارير. يمكن للقارئ مراجعة الباحث نفسه عن طريق عنوانه أو رقم هاتفه الوارد في تقريره للاستفسار عن اية نتيجة علمية يكون قد توصل اليها.

1- Agricultural Sciences

Name	Project Title
Andre Khoury	Development of Real time PCR for specific detection and quantification of zearalenone and its producing fungi in Lebanese corn
Elie Barbour	Optimization of genetic markers characterization in goat's sperms: a prerequisite to future selection strategy
Khuzama Knio	Is Ecological Specialization in Lebanese Tephritid-Thistle Associations a Dead End?
Lioudmila Ibrahim	Studies on Occurrence of Entomopathogens in Lebanese Soil and Their Virulence to Major Pests of Vegetables
Mohd Alameddine - Farah Naja	Complementary and Alternative Medicine Therapies in Lebanon : A Baseline Study
Said Ibrahim	Integrated Pest Management of Plant-Parasitic Nematodes in Banana Plantation in Lebanon
Salah Haj-Hasan	Mutation induction for improving wheat local: wheat genotype tolerance to yellow rust RAS/5/048
Sui-Kwong Yau	Early sowing and irrigation to increase crop yield in arid areas – phase I
Therese Atallah	Impact of land use history and agricultural practices on carbon sequestration in selected Lebanese soils.

2- Basic and Engineering Sciences

Name	Project Title
Aline GHANEM	Adsorption des antibiotiques de l'eau : comparaison des supports naturels et charbon actif
Azzam Mourad	A Multi-Level Aspect-Oriented Based Framework for the Enforcement of WebServices Security
Fadi Zaraket	Relational Queries for Arabic Text Mining
Fadia Taher	La structure électronique des états de basses énergies de LuBr et LuI
Haidar Safa	Enhancing Quality of Service in WiMax Networks
Hazem Hajj	Measuring Public Opinion using Datamining in English and Arabic
Issam Srouf	Construction Demolition Management in Lebanon : Opportunities and Challenges
Joseph Dgheim	Simulated Heat and Mass Transfer for Rotating Hydrocarbon Droplet of Multicomponent Clean Fuels
Juliette Stephan	Détermination de pression de vapeur des hydrocarbures et des xenobiotiques par la méthode absolue dynamique de saturation d'un gaz inerte. Etude de coefficient de partage Air/Eau (KA/E) de ces molécule
Kamal Bouhadir	POTENTIAL PRECURSORS FOR SYNTHETIC POLYNUCLEOTIDE
Kamel Ghali	Bioclimatic Planning for Comfort of Active Humans in Outdoor Spaces of Beirut
Madona Labaki	Soot catalytic oxidation on hydrotalcites-like compounds

Mounir Mabsout	SUSTAINABLE BUILDING SYSTEMS – ALTERNATIVE CONSTRUCTION MATERIALS
Nesreen Ghaddar	Predict and Improve Comfort and Productivity of Workers in Transitional Spaces of Beirut Climate
Paolo Yammine	Drug Delivery Systems by Amphiphilic Biodegradable Polymers
Rabih Jabr	Ordinal optimization formulation for reconfigurable distribution networks
Rabih Sultan	Effect of the Host Gel Medium and the Identity of the Co-Precipitate Ions on the Morphology of Liesegang Patterns of Periodic Bands
Roger Hajjar	Astronomical Site Testing on Lebanese Mountains Towards Establishing a Regional (or National) Observatory (Phase 1)
Rony Touma	Unstaggered finite volume methods on unstructured grids: Applications in astrophysics and hydrodynamics
Wassim Masri	Refining Test Suites to Enhance Coverage-based Fault Localization

3- Environment Sciences

Name	Project Title
Colin Smith	Microbial Biodiversity of Lebanese Mineralized Aquatic Habitats
George Mitri	Fuel type mapping in North Lebanon for improved forest fire management
Hanafy Holail	Advances in Water Treatment in Lebanon
Jalal Halwani	La gestion intégrée des ressources en eau au nord du Liban
Magda Bou Dagher	Caractérisation génétique et écogéographique de plantes endémiques du Liban
Rola Flouty	Developing novel tools for evaluating trace metal bioavailability in the aquatic environment

4- Human and Social Sciences

Name	Project Title
Chawki El-Mousawi	The Determinant of Commercial Bank Interest Margin: Evidence from Lebanese commercial banks
Colette Kabriteh	Assessment of Sleep Habits among Lebanese University Students: Implications on Academic Performance.
Huda Zurayk	Contesting Relative Deprivation: The Ras Beirut Well Being Survey
Latifa Ghalayini	The impact of dollarization on the efficiency of monetary policy in Lebanon
Leyla Dirani	Standardization of the WISC IV intelligence test in Lebanese children
Nazek El-Khoury	La Psychopathologie de l'enfant diabétique
Nicolas Fares	Etude de l'algèbre d'al-Khwārizmī et de son impact sur l'algèbre arabe et européenne
Sawsan Abdulrahim	A study on family relations among the elderly in Greater Beirut
Wadad Saad	Causality Between Economic Growth, Export and External Debt Servicing: The Case of Lebanon

5- Biological and Medical Sciences

Name	Project Title
Alaa Sharara	The Effect of CYP2C19 Genetic Polymorphism and Proton Pump Inhibitors on the Anti-Platelet Action and Metabolism of Clopidogrel
Ali Bazarbachi	Specific targeting of leukaemia stem cells in HTLV-I associated adult T-cell leukaemia/lymphoma
Eliane El Achkar	Identification of the role of MUCIN 15 gene in the stability of the Human Common Fragile Sites: a potential Tumor Suppressor Gene?
Elias Baydoun	The Effect of Ruscus Aculeatus and Pleurotus Ostreatus Extracts on Proliferation and Apoptosis in Human Cancer Cell Lines
Fouad Boulos	Evaluation of VEGFR3, HIF-1α and Microvessel Density in Triple Negative Breast Cancer as Indicators of Hypoxia-induced Aggressive Phenotype and Poor Clinical Outcome

George Halaby	<u>Autoimmune Thyroid disease and A/G Polymorphism at position 49 in Exon 1 of Cytotoxic T Lymphocyte-associated molecule-4</u>
Hala Muhtasib	<u>Efficacy and mechanism of action of the plant-derived anticancer drug Thymoquinone in Adult T cell leukaemia/lymphoma</u>
Mazen Kurdi	<u>Regulation of IL-6-type Cytokine Signaling in Coronary Endothelial Cells.</u>
Mirvat El-Sibai	<u>The role of rho gtpases and other proteins in astrocytoma malignancy and metastasis : a therapeutic approach</u>
Nadine Darwiche	<u>Epigenetic Modulation of Epidermal Carcinogenesis by Parthenolide: Role of NF-κB Signaling</u>
Nayef Saade	<u>Spinal synaptic mechanisms underlying the brainstem modulation of pain in animal models of mononeuropathy and local inflammation</u>
Raghida Bou Merhi	<u>Targeted therapies of KSHV/HHV8-induced PEL diseases and molecular analysis of the effects of As/IFNγ or PS-341 on the expression pattern of HHV8 viral and cellular proteins</u>
Rajaa Fakhoury Makki	<u>Study of the role of Matrix Metalloproteinase-1 Promoter Polymorphism in Lung Cancer in the Lebanese population</u>
Raya Saab	<u>Maintenance therapy to prevent tumor relapse in rhabdomyosarcoma</u>
Richard Maroun	<u>Aspects Structuraux et Dynamiques de l'Inhibition de l'Intégrase de VIH-1 par un Anticorps Monoclonal spécifique</u>