

Reports on Completed Research Projects – 2011

نتائج مشاريع الابحاث المنتهية

Below is a list of researchers who have completed their research projects in 2011, 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 او لغوية من جراء نشر هذه التقارير. يمكن للقارئ مراجعة الباحث نفسه عن طريق عنوانه او رقم هاتفه الوارد في تقريره للاستفسار عن اية نتيجة علمية يكون قد توصل اليها.

1- Agricultural Sciences

Name	Project Title
Ali Atoui	Analysis of Aflatoxin M1 in milk and other Lebanese dairy products
Issam Bashour	Ammonia as an Alternative to Methyl Bromide to Control Root-Knot Nematodes (RKN) in Vegetables

2- Basic and Engineering Sciences

Name	Project Title
Ahmad Ghaddar	Climatisation solaire par procédé thermo-chimique à partir d'une source thermique solaire à basse température.
Ali Fawaz	Calcul de stabilité des talus et des barrages en terre, en utilisant les résultats de l'essai pressiométrique.
Ali Yassine	Hydrocarbon Production Sharing Contracts: Benchmarking and Recommendations for Lebanon
Ayman Kaysi	Privacy-Preserving Trust-Based System for VANET Security
Badih Ghusayni	The Value of the Zeta Function at an Odd Argument
Bassam Dia	Commande des Systèmes Robotiques Intelligents. Application à la Visioconférence
Bilal Kaafarani	Investigation and Binding Studies of a Novel Array of Organic Cationic Sensors
Brigitte Wex	Synthesis and Investigation of Novel Polycyclic Thiophene Materials For Organic Field-Effect Transistor Applications
Chafic Salameh	Traitement et amélioration des nanostructures MOS silicium par contrainte électrique
Dalia Abdel Massih	Calibration des facteurs de sécurité partiels des fondations situées à proximité d'un talus en zone sismique – Application au contexte géologique libanais
Elie Inati	Impact of Resource Allocation Strategies and EDFAs on Time Slotted CDMA Protocols for Optical Packet Networks: A Cross Layer perspective.
Emile Youssef	Etablir un Guide de Recommandations pour le Recyclage et la Réutilisation du Béton
Eva Hamadeh	Development of new types of antiplatelet and antiaggregant.
Faraj Hasanayn	Elucidation of the Electronic Factors that Control C-H Bond Addition to Transition Metal Complexes
George Ayoub	Development of a solar still desalination system with enhanced productivity
Hasan Artail	Securing the dynamic discovery and invocation of Web services from mobile devices
Jihad Daba	Quality of Service Enhancement in Internet Networks
khaled khalil	Détection et diagnostic des défauts par télémétrie sur une éolienne.
MarioTahchi	Fabrication of a Conductive and Semiconductive Materials and Devices for Energy Harvesting Applications Based on Raw Materials Found on the Lebanese Market

Mazen Tabbara	Investigation of the Dynamic Response of Large Historical Block Masonry Structure
Mirvat Zakhour	Effet du broyage énergétique sur les propriétés magnétocaloriques des composés ternaires Gd-Co-Si.
Mohamad Awad	An Artificial Neural Network based segmentation/ classification for high resolution images
Mohamad Ali Kobeissi	Measurements of Radioactive Radon Gas Concentration in Indoors of Residential Homes in Lebanon and Assessment of its Health Effect.
Mohamad Hajjar	Arabic Web Intelligence
Mustafa Jazar	Explosion d'une équation d'onde accrétive semi-linéaire
Nabil Nassif	High Performance Computation (HPC) for application problems in the Sciences
Nashat Mansour	Computational method for protein structure prediction
Ramzi Haraty	Avoiding Traffic Analysis and Assuring Data Integrity using a Quorum-Based Approach
Rita Nabbout	Etude de la Biocompatibilité d'un Gel de Polyacrylamide Electroactif.
Sanaa Sharafeddine	An Energy-Aware Adaptive Compression Scheme for Data Transmission from Mobile Devices

3- Environment Sciences

Name	Project Title
Amin Shaban	Mapping Watersheds for Sustainable Management in Lebanon
Antoine El-Semrani	Geochemical forms of radionuclides and heavy metals in Phosphogypsum waste released from fertilizer industries
Aref Dia	Study of the ecology of benthic invertebrates in the following rivers: Beirut , El Kalb- Biodiversity - biotic index and evaluate water quality
Carla Khater	Analyse de la nématofaune entomopathogène du Liban et perspectives d'applications en lutte biologique dans les cédraines du Liban
Chadi Abdallah	Establishing Mass Movements Susceptibility and Hazard maps for the Lebanese territory using Remote Sensing and GIS techniques
Ghassan Ramadan Jaradi	Climate change impact on birds of Lebanon – Assessment and measures to help the birds to adapt to change.
Hussein Kanaan	Extraction de principe actif de certaines algues marines, déjà étudiées sur la cote Libanaise dans le but d'une production, pharmaceutique et alimentaires.
Milad Fakhri	Wind effect study on water masses dispersion from Ghadir waste water pre-treatment plant outlets (Beirut) by applying the drifting drogue's strategy
Mutasem El-Fadel	Biotechnology Advancement through Thermophilic Anaerobic Digestion of Organic Waste
Nadine Nassif	Proposition d'un projet de loi relatif à la pollution chimique marine de la côte libanaise
Pascal Saikaly	Development of a Rapid Test for Monitoring the Microbiological Quality of Marine Recreational Waters in Lebanon
Soad Hraoui bloquet	An ecological and physiological study of the mountain viper <i>Montivipera bornmuelleri</i> including venom composition and effects.

4- Human and Social Sciences

Name	Project Title
Charbel Salloum	CRM Failure to Apply Optimal Management Information Systems: Case of Lebanese Financial
Elie Houkayem	Le pilotage du développement durable : Cas des entreprises libanaises
Fadia Hoteit	Children's books in Lebanon and Syria : Comparative Study
Fida Afioni	The HR Value proposition in the Lebanese Banking Sector
Hassan Ballout	Examining the impact of entrepreneurial orientation on entrepreneurial self-efficacy: the case of Lebanese small business owners
Huda Bibi	Construct Validity of the Battery of Developmental Assessment (BDA): A Model Tool for Lebanon
Lama Charfeddine	Standardization of the Ages and Stages Questionnaires (ASQ) in the Arabic Speaking Pediatric Population
Maud Stephan El-Hashem	Cultural Practices of Contemporary Lebanese Youth : a field study
Mohamad Hamadeh	Is Saving the Engine to Economic Growth in Lebanon ?

Nazih Raad	Islamic work of banking in Lebanon
Nour Farra Haddad	Lieux de culte et rituels partagés au Liban entre le passé et l'avenir : fondation, développement, conversion et abandon
Wadad Saad	Assessing sustainability of Lebanon 's public debt: A cointegration Approach

5- Biological and Medical Sciences

Name	Project Title
Andre Megarbane	Identification du gène impliqué dans des maladies orphelines de familles libanaises consanguines et étude du rôle des protéines synthétisées.
Anwar Bikhazi	Evaluation of in vitro Anti-cancer and in vivo toxicity of two novel Gemcitabine derivatives
Chantal Farra	Mutational Spectrum of Cystic Fibrosis in the Lebanese Population
Elias Rahhal	The Impact of Herpesviridae Infections on Transplantation Outcomes
Fadi Bitar	Novel Mutation in NFATc1 Gene in Lebanese Patients with Valvular Congenital Heart Disease
George Aftimos	Evaluation of the MALT-Lymphoma to therapy and follow-up by molecular detection of t(11;18) & (q21;q21) in gastric biopsies and peripheral blood
George Tawil	Periodontitis-associated Interleukin-1 polymorphism: their Connection with Clinical Periodontal Status and their Association with Periodontal Bacterial and Herpes Virus Infections in Adult Lebanese subjects
Hélène Greige	Etude du métabolisme du cucurbitacin B dans les fractions cytosoliques et microsomales des cellules hépatiques du rat
Huda Huijer	Quality of Palliative Care in Lebanon : the Perspectives of Patients with Cancer
Kassem Barada	Role of SGLT1 and GLUT2 in Intestinal Glucose Absorption at Low and High Glucose Concentrations: Neural Control and Regulation.
Marc Karam	THE EFFECT OF NATIVE-LDL AND OXIDIZED-LDL IN ALTERING IMMUNE RESPONSES IN ATHEROSCLEROTIC PATIENTS
Mike Osta	Molecular interactions between the malaria vector <i>Anopheles gambiae</i> and <i>Plasmodium</i> parasites
Nabil Haddad	Préférences trophiques et phylogéographie d'<i>Aedes albopictus</i>, vecteur potentiel d'arboviroses au Liban.
Omar Itani	Claudin expression during enterocyte differentiation
Rabih Talhouk	Connexins in Mammary Epithelial Cell Differentiation and Transformation
Rihab Nasr	The effects of Arsenic Trioxide and Interferon Alpha on the Eradication of Leukemia initiating cells (LIC) in Chronic Myeloid Leukemia (CML)
Sami Azar	Role of MEF2A in Congenital Hypercholesterolemia