

## Reports on Completed Research Projects - 2010

### نتائج مشاريع الابحاث المنتهية

Below is a list of researchers who have completed their research projects in 2010, 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 ان 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
Elham Hajj Semaan	<a href="#">Caractérisation chimique et microbiologique des produits laitiers libanais pour la protection de leur appellation (Chèvre) et le développement de probiotiques.</a>
Imad Saoud	<a href="#">Evaluating Dietary Requirements and Fishmeal Protein Replacement in Rabbitfish Diets in Order to Develop A Regional Marine Aquaculture Industry.</a>
Mohamad Talal Farran	<a href="#">Nutritional values of dehulled safflower meal for poultry.</a>
Mussa Nehme	<a href="#">Modeling the effects of deficit irrigation and depth of root wetting on irrigation water saving, crop yield and quality, and water productivity.</a>
Shadi Hamadeh	<a href="#">Physiological and Productive Responses of Shami and Baladi Goats Subjected to Intermittent Watering during Mid-Lactation.</a>
Talal Darwish	<a href="#">Environmental and health risks of nitrates dynamics in the soil-groundwater-food chain.</a>

### 2- Basic and Engineering Sciences

Name	Project Title
Antoine Abche	<a href="#">Medical Image Transmission over Multi-core Fiber using CDMA.</a>
Ali Chehab	<a href="#">Practical Trade-offs between Trust and Privacy in Distributed Applications.</a>
Badih Ghusayni	<a href="#">The Value of the Zeta Function at an Odd Argument.</a>
Daniel Asmar	<a href="#">Discovering Whereabouts through Localization and Mapping.</a>
Fadi Hage Chehade	<a href="#">Modélisation numérique sous chargement sismique de la stabilité des pentes au Liban – Effet du renforcement.</a>
Haidar Harmanani	<a href="#">An Integrated Approach for the Design of Hierarchical Test Wrappers, TAM Design, and Test Scheduling for System-On-Chip.</a>
Houssam Rassy	<a href="#">Immobilization of Polyoxometalates on Highly Porous Hybrid Silica-Titania Aerogels: Application in Photocatalysis and Photodegradation of Organic Pollutants.</a>
Imad Elhajj	<a href="#">A Prototype for Increasing the Accuracy of Stomach Calibration in Sleeve Gastrectomy Surgery.</a>
Joseph Farah	<a href="#">Développement d'une Interface Organique/Inorganique pour les MEMS Biophysiques et une Large Gamme de Systèmes Intelligents Electrochimiquement Commandés.</a>
Joseph Saab	

	<a href="#">Solubilité aqueuse des molécules xénobiotiques Carbaryl et Metalaxyl dans l'intervalle de température [273,15-318,15K].</a>
Joumana Farah	<a href="#">Codage distribué et transmission des séquences vidéo dans les systèmes de communications mobiles.</a>
Mahmoud Korek	<a href="#">Structure Elecrtonique avec Effet de Spin Orbite de L'ion Moléculaire KH+.</a>
Malek Tabbal	<a href="#">Investigation of the Interface of Tungsten Thin Films Grown on Graphite for Magnetic Fusion.</a>
Mariette Awad	<a href="#">Remote Context Based Multi-Lingual Information Retrieval for Tourism.</a>
Mohamad Adnan Al-Alaoui	<a href="#">Implementation of an Improved Distributed Video Coding System.</a>
Mohamed Harajli	<a href="#">Implications of the Recent Discovery of Offshore Thrust fault System and Other Seismo-Tectonic Developments on the Seismic Hazard of Lebanon. (0-11-07).</a>
Mounib El Eid	<a href="#">Structure and evolution of Active Stars.</a>
Roy Asmar	<a href="#">Elaboration de couches minces piézoélectriques et pyroélectriques pour des applications en microélectronique.</a>
Sawsan Sadek	<a href="#">Investigation on microwave wireless sensor for remote sensing of cardiac and respiratory signs of patients.</a>
Yehia Anis Daou	<a href="#">Evaluation of washout resistance of underwater concrete - Development of new casting techniques and impact on environment.</a>
Zaher Dawy	<a href="#">A Mathematical Optimization Approach for Radio Network Planning of GSM/UMTS Co-Citing with Electromagnetic Radiation based Objective Function.</a>

### 3- Environment Sciences

Name	Project Title
Mohamad Aliskandarani	<a href="#">Résidus de Pesticides dans les céréales consommés au Liban: Analyse par des techniques Chromatographiques. Réactivité vis-à-vis du chlore en milieu aquatique.</a>
Antoine Ghauch	<a href="#">Treatment of Pharmaceuticals and Personal Care Products in Water Using Iron-Palladium Bi-Metallic System.</a>
Kamal Slim	<a href="#">Etude de la prolifération des cyanobactéries toxiques dans les hydrosystèmes libanais.</a>
Rabih Kameleh	<a href="#">Effect of Substitution of Sodium Chloride with Potassium chloride in Brines on Microbiological and Physiochemical Characteristics of Akkawi and Halloumi Cheeses.</a>

### 4- Human and Social Sciences

Name	Project Title
Kamel Barbar	<a href="#">Women in Business: Opportunities and Obstacles in an Evolving Lebanese Society.</a>
Elie Houkayem	<a href="#">Le pilotage du développement durable : Cas des entreprises libanaises.</a>
Georges Azzi	<a href="#">modélisation et management des risques logistiques au Liban.</a>
Jad Chaaban	<a href="#">The Poverty and Equity Implications of a Rise in the Value Added Tax:A Microeconomic Simulation for Lebanon.</a>
Najwa Yahfoufi	<a href="#">The relationship between traumatic events, PTSD, depression and religiosity among Lebanese universities students.</a>

**5- Biological and Medical Sciences**

Name	Project Title
Abdo Jurjus	<a href="#"><u>Modulation of Myofibroblast in Skin Wound Healing in Rabbits.</u></a>
Antoine Farhat	<a href="#"><u>Development of a database for glycemic index of commonly consumed Lebanese mixed meals.</u></a>
Assaad Soweid	<a href="#"><u>Natural Orifice Transluminal Endoscopic Surgery (NOTES): Hemodynamic profile and bacterial load assessment in a porcine model.</u></a>
Digambara Patra	<a href="#"><u>A Novel Strategy for Efficient Monitoring of Diabetic Nephropathy Disease and Hypoalbuminemia by Cooperative Binding of a Fluorescent Probe in a Supra-biomolecular Host-Protein Assembly.</u></a>
Ghada El-Hajj Fuleihan	<a href="#"><u>Incidence and Predictors of Vertebral Fractures in the Lebanese Elderly: a Population Based Survey Towards Osteoporosis Health Burden Assessment.</u></a>
Aida Habib Abdul Karim	<a href="#"><u>Regulation of heme oxygenase-1 by statins induced in skeletal cells.</u></a>
Nada Alaaeddine	<a href="#"><u>Intracellular Cyclic Amp Inhibits Leukocyte Activation: In Vivo Validation Of A New Therapeutic Approach Aiming At Preventing Tissue Degradation Associated With Inflammatory Diseases.</u></a>
Nathalie Khoueiry - Zgheib	<a href="#"><u>The Frequency of <i>CYP2E1</i> genetic polymorphisms in the Lebanese population.</u></a>
Nayef Saadé	<a href="#"><u>The Role of Brainstem Pain-Modulating Centers in the Control of Chronic Pain in Awake Animals.</u></a>
Salim Adib	<a href="#"><u>Caracteristiques Epidemiologiques Des Maladies Metaboliques Des Nouveau-Nes Au Liban.</u></a>