

Reports on Completed Research Projects – 2014

نتائج مشاريع الابحاث المنتهية

Below is a list of researchers who have completed their research projects in 2014, 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. يهم المجلس ان يعلن أن النتائج المعلنة عن كل بحث هي على مسؤولية الباحث نفسه، ولا يتحمل المجلس اي 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 اي نتيجة علمية يكون قد توصل اليها.

***Agricultural Sciences**

Name	Projects
Marie Abboud	Application biologique de la microscopie digitale holographique : étude des biopesticides
Elham Hajj	Evaluation des risques de <i>Campylobacter jejuni</i> dans la chaîne de production du poulet de chair au Liban
Rabih Kamleh (Mey Jurdi)	Assessment of Food Safety Practices and Identification of Difficulties and Barriers for the implementation of Hazard Analysis Critical Control Points (HACCP) in Lebanese Food Industries
Imad Saoud	Dietary requirements, nutrient replacement and hematological indicators of nutritional status in rabbitfish <i>Siganus rivulatus</i> in order to develop a species-specific diet.
Zakaria Kambris	Host-microbe interactions: Effect of <i>wolbachia</i> endosymbionts on their insect hosts
Mohamad Talal Farran	Studies on the nutritional and feeding values of feedstuffs produced from locally cultivated and processed safflower and hemp for poultry

***Basic and Engineering**

Name	Projects
Mazen_Elsayed	Automatic information extraction form Arabic texts
Michel Ajaka	Caractérisation par ondes acoustiques des surfaces fonctionnalisées
Fadi Zaraket	

	<u>Improving Ambiguity of Arabic Morphological Analysis Using Partial Diacritics, Linguistic Morphological Rules, Gloss Tags, and Syntax Tags</u>
Diana Jaalouk	<u>Identification of Novel Nuclear Envelope Proteins Implicated in Laminopathies by Differential Phage Display</u>
Ramzi Haraty	<u>Inference Detection in Digital Librairies using Textuel Data</u>
Alia Jraiij	<u>Préparation et étude physico-chimique des vésicules unilamellaires de grande taille (LUV: large unilamellar vesicle) encapsulant des terpènes d'intérêt biologique</u>
Antonio Khoury	<u>Synthèse et Caractérisation des matériaux inorganiques / organiques-inorganiques par le procédé sol-gel</u>
Digambara Patra	<u>Synthesis of nanoparticle assembled novel microcapsule and its nanotechnological application as sensor for industrial effluents</u>
Ali Yassine	<u>Framework for Assessing Offshore Software Project Selection and Resource Allocation</u>
Sari Hanafi	<u>Publication patterns of Lebanese scientists: influence of international collaborations, language and institutional setting</u>
Chafic Salame	<u>Effet de la température sur la performance des modules photovoltaïques solaires</u>
Wassim Masri	<u>Software Analysis via Multivariate Visualization</u>
Fouad Azizi	<u>Intensifying the Re-Carbonation Process of Water</u>
Ramy Harik	<u>Assessment of Lebanese industrialists' compliance with international work systems and adherence to lean manufacturing concepts.</u>
Mazen Al-Ghoul	<u>Wave Propagation of Cadmium Sulfide Quantum Dots and Other Nanoscopic Precipitate Systems in Gel Media: Experimental and Theoretical Study</u>
Azzam Mourad	<u>Towards the Elaboration of a Framework Targeting Various Problems Related to the Adoption of Service Oriented Platform and Web services into Intelligent Transportation Systems</u>
Hassan Artail	<u>Hiding the user identity when requesting and consuming mobile ads</u>
Haidar El Mokdad	<u>Radio Frequency Impairments in the Convergent Broadcasting Mode of LTE and DVB Systems</u>
Kamel Ghali	<u>Ceiling-Mounted Fresh Air Personalized ventilator System for Occupant-Controlled Microenvironment</u>
Nesreen Ghaddar	<u>Optimize Air Distribution System to Inactivate Airborne Microorganisms using Upper-room Ultraviolet Germicidal Irradiation</u>
Fadl Hassan Moukalled	<u>Transient Schemes for Capturing Interfaces of Free-Surface Flows</u>
Daniel Asmar	<u>In-pipe Robot Inspection System</u>
Joseph Zeaiter	<u>An In-Situ Robotic Sensing System for Online Monitoring of Maritime Pollution</u>
Nachat Mansour	<u>Computational evaluation of protein energy functions</u>
Ammar Assoum	<u>Face Analysis: Face recognition & 3D pose estimation of faces.</u>
Haidar Safa	<u>A QoS-Aware Resource Allocation Paradigm for LTE Uplink Scheduling</u>

Mohammad M.H. Jazar	Modeling, Simulation, and analysis of seawater intrusion in Tripoli's cost
Abbas HIJAZI	Cross layer Intrusion detection System
Naim Ouaini	Proposition et Optimisation de nouveaux hydrures pour le stockage de l'énergie - Energie renouvelable
Leila Anis Ghannam	Synthesis Methodologies of Macrocyclic Chelating Systems For the Treatment of Contaminated Aqueous Effluents

***Medical Sciences**

Name	Projects
Gretta Abou Sleymane	Mutational Analysis of Keratoconus in the Lebanese population
Monzer Hamze	Characterization and epidemiology of genes of bacterial resistance to antibiotics type ESBL and Carbapenemase from clinical isolates in Lebanon
Alexander M. Abdelnoor	Human Herpesviridae Infections and Immune-Related Markers in the Evolution of Multiple Sclerosis
Rabih Talhouk	Deciphering the mechanism of Cx43 and K100-mediated reversion of tumor phenotype in breast epithelial cells
Elias A. Rahal	Utility of Atorvastatin (Lipitor) in the Treatment and Prophylaxis of Bacterial and Fungal Infections
Asad Zeidan	Investigate the role of ROS in mechanical stretch-induced leptin secretion and vascular smooth muscle hypertrophy
Ali Bazarbachi	Understanding the molecular mechanisms of action of targeted therapies on the eradication of leukemia stem cells in HTLV-I associated adult T-cell leukemia/lymphoma
Abdo Jurjus	Role of Estrogens In the Treatment of Ulcerative Colitis in Rats
Ibrahim Khalifeh	BRAF Somatic Mutation in Primary and Metastatic Malignant Melanoma and Melanocytic Nevi in Lebanon, Syria, Saudi Arabia and Pakistan
Ramez Chahine	Antioxidant activity of saliva and periodontal diseases
Samia Khoury	Effect of Vitamin D replacement on immune function and cognition in MS patients
Ghassan Mattar	Assessment of Virulence Potential and Antimicrobial Resistance Among Clostridium difficile Toxinotypes and Ribotypes at a Tertiary Care Medical Center in Lebanon

***Environmental**

Name	Projects
Charbel Afif	Développement d'une méthode pour la mesure de la fraction organique de l'aérosol
Mahmoud Balbaa	

	Detection of Helicobacter pylori in its sources in Bekaa Valley and its mode of transmission
Majdi Abou Najm	Ressources en eau non conventionnelles: faisabilité et les chances de rosée et le brouillard
Carla Khater	Towards a Sustainable Management of Forests in Northern Lebanon in the Face of Global Changes
Joseph SAAB	Mass transfer of some heavy petroleum molecules discharged in the Mediterranean
Aref Dia	Etude écologique des Macro invertébrés benthiques d'un réseau hydrographique du Liban Nord (rivière El Kebir)- Biodiversité et indicateurs biologique de la qualité des eaux
Zakia Olama	Microbial Production of a Biodegradable Plastic
Amin Chaaban	Using Satellite Images to Monitoring Snow Cover Dynamics on the Lebanese Mountains
Hanadi ISMAÏL	Diagnostic de la qualité des eaux du Berdawni utilisant les méthodes microfloristiques et chimiques
Elise Noujeim	Coastal entomopathogenic nematodes distribution in Lebanon: habitat, the impact of pollution on their presence and the perspectives of its application
Hossam Rassy	Silica, Titania, and Silica-Titania Aerogels as Potential Efficient Adsorbents for Organic Pollutants and Toxic Metals from Wastewater
Adla Jammoul	Mesure des résidus des antibiotiques dans l'eau du sud du Liban.
Souad HRAOUI-BLOQUET	Etudes complémentaires : géographique, comportementale et écologique de la vipère de montagne <i>Montevipera bornmuelleri</i> incluant l'extraction, la purification, la toxicologie et les caractéristiques pharmacologiques des molécules bioactives de son venin.

*Human Sciences

Name	Projects
Vivian Khamis	Bullying among school age children in Lebanon: Risk and Protective Factors
Elizabeth Longuenesse	Migrant and foreign labor in Lebanon: Situations, regulations, sociabilities
Naji Jammal	Le développement rural et les politiques financiers au Liban (1990-2010)
Lina Daouk	Investigation into the personality structure in the Levant region and the development of an Arabic/English personality instrument
Hafiza El-Haddad	Towards a new Lebanese Law for Arbitration and Mediation (NLIAM)
Saiid Ali Hussein	Les déterminants de l'intégration de l'Intelligence économique dans les PME
Mohamad S. Wehbe	Risk of financing small and micro establishment
Majed Charafeddine	Les relations Banques-PME au Liban