

الجمهورية الجزائرية الديمقراطية الشعبية

وزير التعليم العالي
والبحث العلمي



كاتب الدولة المكلف
بالجالية الوطنية بالخارج

بمشاركة الكفاءات الجزائرية بالخارج

BIOTECHNOLOGY TEACHING PROGRAM

الجامعة الصيفية للبحث العلمي والتكنولوجي

Scientific Research and technological Summer University
Université d'été de la Recherche Scientifique et Technologique



بالتعاون مع جمعية الكفاءات الجزائرية

In collaboration with the Algerian Competences Association (ACA)
Avec la collaboration de l'Association des Compétences Algériennes (ACA)



15-09 جويلية 2011, جامعة تلمسان

July 9-15, 2011, Tlemcen University
9-15 Juillet 2011, Université de Tlemcen

Biotechnology Program Directed by

Dr. Sihem Aouabdi, UK, *point of contact during the event*

Dr. Mohamed Boudjelal, UK, *point of contact during the event*

Dr. Ahmed Chenna, USA

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Friday, July 8, 2011	
	Participants Arrival
Saturday, July 9, 2011	
8h00 to 10h00	Registration and orientation
10h00 to 10h45	Official Inauguration <ul style="list-style-type: none">Opening Speech by His Excellency Prof. Rachid Haraoubia, Minister of Higher Education and Scientific ResearchSpeech by Prof. Nouredine Ghouali, Rector of Tlemcen UniversitySpeech by Dr Ali Becherirat, President of ACA Order Council
10h45 to 11h15	Coffee Break
11h15 to 11h45	Prof. Hafid Aourag, Director General, DGRSDT Directorate General for Scientific Research and Technological Development
11h45 to 12h15	Dr. Mohamed Boudjelal, ACA President Algerian Competences Abroad: What Could We Offer and How ?
12h15 to 14h00	Lunch
14h00 to 15h30	Dr. Abdelmadjid Hihi Génome Québec; Scientific Affairs Group; Montreal, Canada Recent advances in genomics and proteomics technologies, and applications for genetic diagnostics development-Part I (1.5h)
15h30 to 16h00	Coffee Break
16h00 to 17h30	Dr. Abdelmadjid Hihi Génome Québec; Scientific Affairs Group; Montreal, Canada Recent advances in genomics and proteomics technologies, and applications for genetic diagnostics development-Part I (1.5h)
17h30to 19h00	Meet the experts mentoring
19h00 to 20h00	Dinner
20h00 to 21h00	Poster presentation-Free discussion

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Sunday, July 10, 2011

Biotechnology Techniques

9h00 to 10h30	Session 1 Dr Yassine Bendiabdellah The School of Pharmacy, , University of London, Recent Trends in the Chemistry and Pharmacology of Novel Anticancer Drugs-Part I (1.5h)
10h30 to 11h00	Coffee Break
11h30 to 12h30	Dr Yassine Bendiabdellah The School of Pharmacy, , University of London, Recent Trends in the Chemistry and Pharmacology of Novel Anticancer Drugs-Part II (1.5h)
12h30 to 14h00	Lunch
14h00 to 15h30	Poster presentation by local researchers and networking
15h30 to 16h00	Coffee Break
16h00 to 17h30	Dr. Mohamed Boudjelal, UK Knowledge and Serendipity in Drug Discovery
17h30to 19h00	Meet the experts mentoring +student presentations
19h00 to 20h00	Dinner
20h00 to 21h00	Poster presentation +student presentations

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Monday, July 11, 2011

Biotechnology & Health

09h00 to 10h30	Dr Lyes Tabet , Laboratoire de Neuroimmunologie de l'asthme/ Hôpital du Sacré-Coeur de Montréal Le développement des Nanotechnologies et les risques sur la santé de l'Homme : le cas des nanotubes de carbone.
10h30 to 11h00	Coffee Break
11h00 to 12h30	Dr. BOULILA Farida Laboratoire de Microbiologie Centre de Biotechnologie de Génomique des Plantes Université Polytechnique de Madrid Practical session : Application des méthodes de biologie moléculaire pour l'étude de la diversité des souches nodulant les légumineuses-Part I (1.5h)
12h30 to 14h00	Lunch
14h00 to 15h30	Poster presentation by local researchers and networking
16h00 to 17h30	Dr. BOULILA Farida Laboratoire de Microbiologie Centre de Biotechnologie de Génomique des Plantes Université Polytechnique de Madrid Practical session : Application des méthodes de biologie moléculaire pour l'étude de la diversité des souches nodulant les légumineuses-Part II (1.5h)
15h30 to 16h00	Coffee Break
17h30to 19h00	Meet the experts mentoring + student presentations
19h00 to 20h00	Dinner
20h00 to 21h00	Poster presentation + student presentations

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Tuesday, July 12, 2011

9h00 to 10h30	Session 1 Dr. Abdelkrim Rachedi School of Molecular and Cell Biology, University of the Witwatersrand, Johannesburg. Protein Structure Principles, Motifs, Ligand binding and biological function-Structural Computational Biology and Bioinformatics-Part-I (1.5h)	Session 2 Dr Zoulikha Zairi, UK University of Leeds, UK DNA Repair Mechanisms and their Role in Cancer Initiation and Cancer Treatment (1.5h)
10h30 to 11h00	Coffee Break	
11h00 to 12h30	Dr. Abdelkrim Rachedi School of Molecular and Cell Biology, University of the Witwatersrand, Johannesburg Protein Structure Principles, Motifs, Ligand binding and biological function- Structural Computational Biology and Bioinformatics- Part-II (1.5h)	Dr Zoulikha Zairi, UK University of Leeds, UK DNA Repair Mechanisms and their Role in Cancer Initiation and Cancer Treatment (1.5h)
12h30 to 14h00	Lunch	
14h00 to 15h30	Poster presentation by local researchers and networking	
15h30 to 16h00	Coffee Break	
16h00 to 17h30	Dr. Abdelkrim Rachedi School of Molecular and Cell Biology, University of the Witwatersrand, Johannesburg. Protein Structure Principles, Motifs, Ligand binding and biological function- Structural Computational Biology and Bioinformatics-Part-III (1.5h)	Dr. Sihem Aouabdi, UK Stem Cells Research
17h30to 19h00	Meet the experts mentoring + student presentations	
19h00 to 20h00	Dinner	
20h00 to 21h00	Poster presentation + student presentations	

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Wednesday, July 13, 2011

08h15 to 9h00	Anis & Serge MAURIN Life Technologies "New tools for Genomics and Immunogenetics from Life Technologies"
09h00 to 10h30	Dr Abdelali AGOUNI University of Aberdeen School of Biological Sciences, UK Le stress du réticulum endoplasmique: Implications dans la physiopathologie des maladies métaboliques et cardiovasculaires
10h30 to 11h00	Coffee Break
11h00 to 12h30	<u>Dr Taha Merhgoub</u> Chercheur, Memorial Sloan-Kettering Cancer Center, New York, USA Tumour Immunotherapy and Animal modelling of Cancer - Part I
14h00 to 15h30	<u>Dr Taha Merhgoub</u> Chercheur, Memorial Sloan-Kettering Cancer Center, New York, USA Tumour Immunotherapy and Animal modelling of Cancer - Part II
15h30 to 16h00	Coffee Break
16h00-17h30	Dr Mourad Salaheddine, Director Animal Health and Production, Pharming Health Care Inc, Holland Milking rabbits and other farm animals to produce pharmaceutical proteins
17h30to 19h00	Meet the experts mentoring + student presentations
19h00 to 20h00	Dinner
20h00 to 21h00	Poster presentation + student presentations

point of contact during the event

Dr. Sihem Aouabdi, UK, sihem.aouabdi@yahoo.co.uk
Dr. Mohamed Boudjelal, UK, boudjelal@yahoo.com

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Thursday, July 14, 2011

**Closing Ceremony and Science day Conference
in the presence of DGRSDT, MESRS and Secretaire d'état in Charge of the National
Community Abroad**

A day co-chaired by Prof. Maamar Bettayeb/Dr Ali Becherirat/ Si Ali Verin

08H30-09H	Prof. Hafid Aourag, DGRSDT , DZ Vision for Algerian Science and Technology
9H-10H	First Keynote speaker : Prof. Youcef Kamel Toumi, MIT, USA Making The Impossible Possible
10H-10H30	Coffee break
10H30-11H30	Second Keynote speaker: Dr. Belgacem Haba Fellow and chief technology officer, Tessera, USA From an idea to a billion dollar: research in academia, companies, and independent research centres
11H30-12H30	Presentation of attendance certificate per field to the group: (5 minutes speech by one participant representing each field)
12H30-14H	Lunch
14H-19H	Close discussion between instructors and MESRS, DGRSDT, university rectors, directors of Algerian research centre etc. to identify collaboration and next steps