

International Council of Biomedicine and Biotechnology

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INTERNATIONAL BIOMEDICINE AND BIOTECHNOLOGY CONFERENCE



**First International Biomedicine and Biotechnology
Conference: Technologies and Applications of
Genomics, Proteomics and Bioinformatics**

25-29 January, 2005; Dubai, UAE

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Under the patronage of His Highness

Sheikh Nahyan Mubark Al Nahyan

Minister of Higher Education and Scientific Research, Chancellor of UAE University

Announcement

We are pleased to announce the First International Biomedicine and Bioindustry Conference: Technologies and Applications of Genomics, Proteomics and Bioinformatics, to be held in Dubai, United Arab Emirates. This conference organized by the UAE University and the International Council of Biomedicine and Biotechnology (USA) will gather for the first time scientists, experts and scholars within the fields of biomedicine and biotechnology applied to human health and agriculture.

Provide a high-class scientific meeting is our ultimate goal. We anticipate that this will be very stimulating meeting with participants from different countries worldwide. More emphasis will be given to the establishment of worldwide collaborations, corporate and private sector information about biotechnology business opportunities, and the international growing interest in applied biomedicine and biotechnology.

The theme of the conference: "Technologies and Applications of Genomics, Proteomics and Bioinformatics " will be reflected in plenary and concurrent sessions to be delivered by invited and contributing speakers throughout the conference.

The main objectives of this conference are:

1. To promote scientific exchanges between developing and more advanced countries.
2. To share with the international communities the most recent developments and challenges in genomics, proteomics and computational biology.
3. To discuss the pros and cons of applying high-throughput biology to disease-related processes.
4. To learn how most recent technologies and high-throughput information merge to develop new diagnostics, therapeutics, and plant biotechnology approaches.

Mark your diary for the First International Biomedicine and Biotechnology Conference

and register your interest now to ensure you receive workshop updates and notices.

Invitation

Dear Colleagues,

The city of Dubai in collaboration with the UAE University and the International Council of Biomedicine and Biotechnology will host the First International Biomedicine and Biotechnology Conference. The focus of this conference is to facilitate communication among scientists, technologists, clinicians, physicians, marketing specialists and biotechnology and pharmaceutical industry managers from all over the world involved in various aspects of genomics, proteomics and bioinformatics research and applications.

The past five years has seen a series of advances in the development of various DNA, RNA and protein biomarkers. Many of these biomarkers have evolved past simply being evidence in proof-of concept studies. Starting from variations in DNA, to alterations in the levels of genes expressed and functional proteins, investigators are now shifting attention to the implementation of these emerging technologies in drug development, academic research and clinical practice. This conference will focus on ringing the developers of these genomic technologies, together with the scientists and clinicians expecting to use them in research and in drug development, and the regulatory scientists charged with assessing their appropriate usage in the marketplace.

We will focus on two themes. The first theme will be to exemplify how diverse methods to track DNA, RNA, and protein changes have come to rely on sophisticated techniques of pattern recognition bringing up questions of how best to validate these methods and present their results applied to human health and disease. The second theme is to compare the status of the advancement of these technologies and approaches in human health and agriculture biotechnology. We will explore the frontiers of biology and medicine from the perspective of genomes, transcriptomes, proteomes and other forms of global information. Its aim is to bring together investigators with interests in high-throughput interdisciplinary biomedical research. Diverse high-throughput technologies are providing information useful for understanding evolutionary processes, mapping regulatory networks, and developing new disease diagnostics and therapeutics.

We invite participation in this conference by researchers from academia and the representatives of commercial companies involved in development, production and promotion of genomics, proteomics and bioinformatics products and technologies. We welcome specialists in regulatory requirements and marketing. We would like to invite representatives of pharmaceutical industries to participate in this conference, to share their challenges and achievements, and to display and promote their products.

Scientific Program Committee

Professor Abdelali Haoudi, Chair

Eastern Virginia Medical School
Norfolk, Virginia, USA

Professor Khaled Amiri, Co-Chair

UAE University
Al Ain, UAE

Professor Peter Gresshoff

University of Queensland
Australia

Professor George Perry

Case Western Reserve University
Cleveland, Ohio, USA

Professor Amr Amin

UAE University
Al Ain, UAE

Professor Naima Bouhouche

UAE University
Al Ain, UAE

Professor Halima Bensmail

University of Tennessee at Knoxville
Knoxville, Tennessee, USA

Professor Francisco Baralle

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Panacea Pharmaceuticals, Inc.
Gaithersburg, Maryland, USA

Professor David Kerr

University of Oxford
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Organizing committee

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Sponsorship opportunities

We are very pleased to announce the first International Biomedicine and Biotechnology Conference: Applications of Genomics, Proteomics and Bioinformatics, to be held in Dubai, United Arab Emirates. This conference organized by the University of Emirates (UAE) and the International Council of Biomedicine and Biotechnology (USA) (<http://www.i-council-biomed-biotech.org>) will gather for the first time scientists, experts and scholars within the fields of biomedicine and biotechnology applied to human health and agriculture.

We anticipate the meeting to be attended by at least 300 participants (Scientists and principal investigators) from around the world, and represent an excellent opportunity for your company to target opinion leaders and new opportunities for investment. By being a co-sponsor, your corporation will become an integral part of this international conference.

The organizers anticipate publishing a post meeting proceeding in the peer-reviewed International Journal of Biomedicine & Biotechnology (<http://www.j-biomed-biotech.org>). All sponsors will be acknowledged in the final program and at the post meeting proceeding.

We hope that you will see this conference as an opportunity to promote your products and benefit from the latest knowledge on the research and development in biomedicine and biotechnology. A range of sponsorship opportunities are available as outlined in the attached sponsorship information.

We look forward to hearing from you. If you are interested in any sponsorship opportunities please contact us at:

Dr. Abdelali Haoudi, USA, Email: haoudia@evms.edu

Dr. Khaled Amiri, UAE, Email: KhaledA@uaeu.ac.ae

Gold Sponsor

This prestigious sponsorship valued at US \$ 5000 will entitle you to:

- Display of your company name/logo on all Workshop letterheads, flyers, workshop publications and website
- Display of your company name/logo at all Workshop sessions
- Display of your company products during the conference
- Three free delegate registrations for the workshop
- Free one page Advertisement in the Program Booklet/Proceedings
- Link to your company's website from workshop website

Silver Sponsor

This prestigious sponsorship valued at US \$ 4000 will entitle you to:

- Display of your company name/logo on all Workshop letterheads, flyers, workshop publications and website
- Display of your company name/logo at all Workshop sessions
- Display of your company products during the conference
- Two free delegate registrations for the workshop
- Free one page Advertisement in the Program Booklet/Proceedings
- Link to your company's website from workshop website

Bronze Sponsor

- This prestigious sponsorship valued at US\$ 3000 will entitle you to:
- Display of your company name/logo on all Workshop letterheads, flyers, workshop publications and website
- Display of your company name/logo at all Workshop sessions
- Display of your company products during the conference
- One free delegate registration for the workshop
- Free one page Advertisement in the Program Booklet/Proceedings
- Link to your company's website from workshop website

Sponsorship of Workshop Dinner

The Workshop Dinner can be sponsored for US \$ 2000. For this investment you will be entitled to:

- Announcement of your sponsorship during the Workshop and at the Dinner
- Display of your company name/logo at the Dinner
- Display of your company products at the conference
- One Free delegate registration at the Workshop or 4 Dinner Tickets
- Free one page Advertisement in the Program Booklet/Proceedings
- Link to your company's website from workshop website

Sponsorship of Welcome Mixer

The Mixer can be sponsored for US\$ 2 000. For this investment you will be offered:

- Announcement of your sponsorship during the Workshop and at the Mixer
- Display of your company name/logo at the Dinner
- Display of your company products at the conference
- One free delegate registration at the Workshop or 4 Mixer Tickets
- Free one page Advertisement in the Program Booklet/Proceeding
- Link to your company's website from workshop website

Sponsorship of Workshop Sessions

We have invited some of the world leading scientists to participate and present at this Workshop. We are seeking your assistance as a sponsor to cover some of the expenses of flying them to UAE and their accommodation cost. There will be 6 sessions and we anticipate having one invited speaker per session. A sponsorship of US \$ 2 000 will entitle you to:

- Announcement of your sponsorship during the Workshop and during the specified session
- Display of your company name/logo at the Session
- Display of your company products at the conference
- One free delegate registration at the Workshop
- Free one page Advertisement in the Program Booklet/Proceedings
- Link to your company's website from workshop website

Sponsorship of Workshop Lunches

Two Workshop lunches can be sponsored for US \$ 1500 each. Your benefits will be:

- Announcement of your sponsorship during the Workshop and at the lunch
- Display of your company name/logo at the Lunch
- Display of your company products at the conference
- One free delegate registration at the Workshop
- Free one page Advertisement in the Program Booklet/Proceedings
- Link to your company's website from workshop website

Sponsorship of Poster Prizes

Sponsorship of the Prizes for the best overall (US \$ 1000) and the best student poster (US \$ 500) will entitle you to:

- Announcement of your sponsorship during the prize presentation
- Link to your company's website from workshop website

Registration

Early registration fee: will be announced soon

Senior researcher/Faculty member: 200 Euro

Postdoctoral: 100 Euro

Student: 50 Euro

Regular registration fee: will be announced soon

Senior researcher/Faculty member: 250 Euro

Postdoctoral: 150 Euro

Student: 75 Euro

[Registration Form](#)

Call for papers

The deadline for abstracts submission: 15 October 2004.

Notification of abstracts acceptance: 30 November 2004

The Conference Committees invite proposals for papers to be presented at the 2005 Conference. Submitted papers should be topical, current and address one of the conference themes however, additional topics will also be considered. Abstracts should provide a concise summary of the content of your presentation and should be not more than 200 words.

After review by the Scientific Committee, you will be informed of the acceptance of your paper. Please follow the instructions for authors for abstract preparation. All accepted lectures and posters will be published in the conference Proceedings. Selected papers will be published in a special edition of the Journal of Biomedicine and Biotechnology (<http://www.j-biomed-biotech.org>).

Instructions for authors

Please follow the instructions to authors provided in the Journal of Biomedicine and Biotechnology web site.

Format

Abstracts should be informative, containing a statement of specific objectives, a summary of results and conclusions drawn. Please note that all abstracts must be written in English. Please expand all abbreviations that are used.

- Maximum length of abstract (including References) should be one A4 page. Set top, bottom and left margins to 2.5cm (0.98") and the right margin to 2.0cm (0.79"). A blank line should separate the title from authors and institutions from the body of the text. Use Times (New) Roman font for all sections.
- The abstract title should be centred, in 14-point text, and should not exceed 15 words.
- Author names should be centred, in 12-point text with the presenting author underlined. First name followed by family name.
- For author affiliation include institution/organization, city, country and postcode in centred, 10-point text.
- The Abstract body text should be in single-spaced, justified 12-point text. Indent all paragraphs by 5 spaces.

Electronic submission

All abstracts must be submitted online, and sent to: haoudia@evms.edu or to: KhaledA@uaeu.ac.ae and attach your appropriately formatted MS Word abstract using the presenting author's family name as both the file name and subject for the email. Receipt of your abstract will be confirmed by email.

Poster presentations

Authors are free to use any format desired providing posters are no larger than 100 x 100cm. Poster boards and Velcro™ to attach posters will be provided at the conference venue.

Preliminary Program

Day 1:

2:00 pm – 6:00 pm: Arrival-Check in-Registration

6:00 pm – 6:30 pm: Chairs Introduction

6:30 pm – 7:30 pm: Distinguished lecture by Professor Jean Dausset (Nobel Laureate, CEPH, France)

7:30 pm - 9:00 pm: Reception

Day 2:

7:30 am – 8:30 am: Breakfast

8:45 am – 12:10 pm: Genomics and Genetics of Cancer; Molecular Targets for Cancer Prevention and Treatment

Discussion Leader: James Huff (NIEHS, National Institutes of Health, NC, USA)

8:45 am – 9:30 am: Honnavara Ananthaswamy (MD Anderson Cancer Center, Texas, USA)
“Title”

9:30 am - 9:50 am: James Huff (NIEHS, National Institutes of Health, NC, USA)
"The relevance of animal carcinogenesis findings to human cancer predictions and prevention"

9:50 am- 10:30 am: Nancy H. Colburn (NCI, NIH, USA)

10:30 am - 10:45 am: Coffee Break

10:45 am – 11:30 am: Denys Wheatley (Univ. Aberdeen, Aberdeen, UK)
“Advances in therapeutic approaches to the two great scourges of cancer, melanoma and hepatocellular carcinoma: arginine manipulation and cancer control”

11:30 am – 11:50 am: (Contributer, TBA)

11:50 am – 12:10 am: (Contributer, TBA)

12:10 pm - 1:30 pm Lunch

1:30 pm – 4:45 pm Promises and Challenges in Application of Proteomic Approaches to human diseases

Discussion Leader: Walid Qoronfleh (Pierce Biotechnology, USA)

1:30 pm – 2:15 pm: Joshua LaBaer (Harvard Medical School, MA, USA)
“Harnessing the Human Proteome”

2:15 pm – 2:35 pm: (Contributer, TBA)

2:35 pm – 2:55 pm: (Contributer, TBA)

2:55 pm – 3:15 pm: (Contributer, TBA)

3:15 pm - 3:30 pm: Coffee break

3:30 pm – 4:15 pm: Michel Desjardins (Universite de Montreal, Quebec, Canada)
“Proteomics brings new paradigms in immunology”

4:15 pm - 4:35pm: Walid Qoronfleh (Pierce Biotechnology, Inc., WI, USA)
“The Role and Challenges of Proteomics in Pharma and Biotech”

4:35 pm – 4:55 pm: (Contributer, TBA)

5:00-7:00: Poster session I

7:00 Dinner

Day 3

7:30 am – 8:30 am: Breakfast

8:45 am – 12:10 pm: Molecular basis and therapeutic approaches of Infectious and neurodegenerative Diseases

Discussion Leader: TBA

8:45 am - 9:30 am: George Perry (Case Western Reserve University, Ohio, USA)
“Therapeutic Windows to Alzheimer Disease”

9:30 am – 9:50 am: (Contributer, TBA)
9:50 am – 10:10 am: (Contributer, TBA)
10:10 am – 10:30 am: (Contributer, TBA)
10:30 am - 10:45 am: Coffee Break
10:45 am – 11: 30 am: Keynote speaker (TBA)
11:30 am – 11:50 am: (Contributer, TBA)
11:50 am – 12:10 pm: (Contributer, TBA)
12:10 pm - 1:30 pm Lunch

2:00 pm - 5:00 pm: Social event

5:00 pm - 7:00 pm: Poster session II

7:00 pm Dinner

Day 4

7:30 am – 8:30 am: Breakfast

8:45 am – 12:10 pm: Bioinformatics and Data Mining/ Computational Biology

Discussion leader: Wafik Farag

8:45 am – 9:30 am: Halima Bensmail (U. Tennessee at Knoxville, TN, USA)
"Bayesian-based classification and clustering algorithms for high dimensional proteomics data"

9:30 am – 9:50 am: Wafik Farag (SkyPrise, Inc., MA, USA)
Title: "Integration Myth! Overcoming integration challenges: A case in microarray analysis"

9:50 am – 10:10 am: (Contributer, TBA)
10:10 am – 10:30 am: (Contributer, TBA)
10:30 am - 10:45am: Coffee Break
10:45 am – 11: 30 am: Key note speaker (TBA)
11:30 am – 11:50 am: (Contributer, TBA)
11:50 am – 12:10 pm: (Contributer, TBA)

12:10 pm - 1:30 pm Lunch

1:30 pm – 4:55 pm: Structural and Functional Genomics and Proteomics

Discussion Leader: TBA

1:30 pm -2:15 pm: Tauseef R. Butt (Life Sensors Inc., PA, USA)
“Bottlenecks in Structural and Functional Genomics and Future of Biotechnology”

2:15 pm – 2:35 pm: (Contributer, TBA)
2:35 pm – 2:55 pm: (Contributer, TBA)
2:55 pm – 3:10 pm: (Contributer, TBA)
3:10 pm - 3:30 pm: Coffee break
3:30 pm -4:15 pm: Keynote Speaker, TBA

4:15 pm – 4:35 pm: (Contributer, TBA)
4:35 pm – 4: 55 pm: (Contributer, TBA)

5:00: Social event/Dinner

Day 5

7:30 am - 8:30 am Breakfast

8:45 am -12:00 pm: Plant functional Genomics and Agricultural Biotechnology

Discussion Leader: Shyam Dube (U. of Maryland Biotechnology Institute, MD, USA)

8:45 am - 9:30 am: Peter Gresshoff (U. Queensland, Australia)
“Functional genomic analysis of pluripotent cell proliferation in plants opens a new vista for plant biotechnology”

9:30 am – 9:50 am: (Contributer, TBA)
9:50 am – 10:10 am: (Contributer, TBA)
10:10 am – 10:30 am: (Contributer, TBA)
10:30 am – 10:45 am: Coffee Break
10:45 am - 11:30 am: Guenter Kahl (U. of Frankfurt, Germany)

11:30 am – 11:50 am: Shyam Dube (U. of Maryland Biotechnology Institute, MD, USA)
“Ons, Omes, Omics and Omimics”

11:50 am – 12:10 pm: (Contributer, TBA)
12:10 pm - 1:30 pm Lunch

1:30 pm – 4:45 pm: Clinical Trials; Molecular Diagnosis: From Bench to the Bedside; Gene Therapy

Discussion Leader: Katherine High (U. of Pennsylvania School of Medicine, PA, USA)

1:30 pm – 2:15 pm: David Kerr (University of Oxford, UK)
“Gene Therapy for Colorectal Cancer”

2:15 pm – 2:35 pm: Katherine High (U. of Pennsylvania School of Medicine, PA, USA)
"Gene Therapy for Hemophilia B"

2:35 pm – 2:55 pm: (Contributer, TBA)
2:55 pm – 3:15 pm: (Contributer, TBA)
3:15 pm – 3:30 pm: Coffee Break

3:30 pm – 4:15 pm: Hossein Ghanbari (Panacea Pharmaceuticals., MD, USA)
"Cancer Diagnostics Integrated with Therapeutics: A Comprehensive Approach for Managing the Disease.”

4:15 pm – 4: 35 pm: (Contributer, TBA)
4:35 pm – 4: 55 pm: (Contributer, TBA)

5:00 pm - 7:00 pm: Round table: Research funding, International Scientific collaborations and Research in the biotechnology/pharmaceutical sector

Panel members:

Yousef Haj-Ahmad (President and CEO Norgen Biotek Corp. Montreal, Canada)
Hossein Ghanbari (President and CEO, Panacea Pharmaceuticals, Inc., Maryland, USA)
Tauseef R. Butt (President and CEO, LifeSensors Inc., Pennsylvania, USA)
Wafik Farag (President and CEO, SkyPrise, MA, USA)
Ayman Cheikh Lahlou (President, Coopermaroc, Morocco)

7:00-7:30: Concluding Remarks

7:30 Dinner

Tentative Topics:

- Genomics and Proteomics in Cancer: New Approaches for Cancer Detection and prognosis
- Molecular Targets for Cancer Prevention and Treatment
- Molecular basis and therapeutic approaches for Infectious and Neurodegenerative diseases
- Bioinformatics and Data Mining and Computational Biology
- Plant functional Genomics and Agricultural Biotechnology
- Clinical Trials; Molecular Diagnosis: From Bench to the Bedside
- Gene Therapy

We welcome additional topics

Venue and visitor Information



The first IBBC will be held at Jumeirah Beach Hotel in Dubai: <http://www.jumeirahbeachhotel.com/>

Dubai is commonly referred to as the visitor's heaven with the world's best beaches, most beautiful hotels, and most importantly endless things to do. Millions of tourists visit Dubai every year.

Dubai's location makes it easily accessible, as most major cities in Europe, Africa and Asia provide direct flights. Dubai International Airport is ranked in the world's top 10 airports and now has a passenger handling capacity of 14 million per year. The plan is to take this up to 70 million. At first glance, the city presents a predominantly modern face with an ever-changing skyline with a mix of new developments ranging from striking glass and concrete towers to gracious modern buildings that incorporate traditional Arabian architectural motifs and features. Dubai has a sub-tropical, arid climate, with perfect weather for at least six (November-April). Our conference time will fall at the middle of this six months period. There are many activities to pursue in Dubai, from sailing and sea tours, to desert safaris and hiking. Sports fans can enjoy time on some of the best golf courses in the world, before retiring to the beach to lay in the sand and absorb breathtaking sceneries.

Shopping at Dubai's modern shopping malls, and individual retail stores is a great way to spend the day. Dubai as the "shopping capital of the Middle-East," Dubai's retailers offer a variety of merchandise from high fashion, gold and jewelry, carpets and handicrafts, electronics and more. Our conference will be held during "Dubai Shopping Festival" which will be a great opportunity to have special offers from some hotels and to make your shopping during the tremendous festival offers.

Visitors to Dubai have an extensive choice of places to stay, which offer superb service and facilities. There are about 90 hotels in Dubai ranged from deluxe 5 stars hotels to 2 stars hotel to suit every visitor and every budget. The city's cultural diversity provides an ideal setting for creative thinking, for productive debate, for new knowledge. With its unique merge between tradition and modernity, enjoy the Dubai feeling.
