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**BVA**  
2012

## BVA 2012 So Far...

### Seven months till BioVision Alexandria 2012 Conference, and



- More than **78** speakers confirmed their participation in BVA 2012.
- Three Nobel Laureates honored us with their confirmation.
- More than **25%** of the expected total number of participants have already registered and paid.
- More than **20** participants have registered in TWAS/BVA.NXT.
- More than **40** poster proposals have been submitted.

.....?????

## TWAS/BVA.NXT 2012

21-22 April 2012

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*"Research is creating new knowledge."*  
— Neil Armstrong

### What is TWAS/BioVisionAlexandria.NXT?

TWAS/BVA.NXT 2012 will be the third BioVisionAlexandria.NXT to be organized in Alexandria. The Event will be held under the theme: *"Scientific Innovation in the Developing World: From Theory to Practice"*. TWAS/BVA.NXT 2012 intends to explore scientific innovation in the developing world, and highlight its importance for sustainable development.

- ✱ Are you a young researcher under the age of 35 years?
- ✱ Are you a Master's or PhD student, or a Postdoctoral scholar working in the field of life sciences?
- ✱ Do you have innovative research?
- ✱ Do you want to meet other young scientists and professionals in the field of innovation from different parts of the world?
- ✱ Do you want to participate in the BioVisionAlexandria Conference program?



If the answer to the previous questions is **YES**, then apply to TWAS/BVA.NXT 2012 at <http://www.bibalex.org/bva2012>

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## BioFair@BVA

The Bibliotheca Alexandrina (BA) is organizing a major fair titled "**BioFair@BioVisionAlexandria 2012**", alongside BioVisionAlexandria 2012 Conference, during 22-25 April 2012 in Alexandria, Egypt. "**BioFair@BiovisionAlexandria**" gives you a golden opportunity to showcase your products and services to more than **2,000** participants, Nobel Laureates, distinguished keynote speakers, eminent scientists, and CEOs of several national and multinational companies as well as Ministers of Health and Agriculture coming from the four corners of the globe.



UN Organizations; WHO and UNEP booths at BVA 2010 BioFair

As an Exhibitor you will have:

- Two complimentary admissions to attend all Conference sessions.
- Direct contact with visitors in your booth or you can request holding one-to-one meetings in a closed area.
- A brief description about your company, in addition to your company name, logo and a hyperlink to your company website homepage, published on the Conference website and booklet.
- A flash animation with company logo on the BioVisionAlexandria 2012 website.

and **much more!**

**You can also save money by renting more than one booth!!**

It will be a great opportunity to meet colleagues, share knowledge, and establish productive networks!

Join us now at: <http://www.bibalex.org/bva2012/Home/StaticPage.aspx?page=16&m=3>.



FAO's booth at BVA 2010 BioFair

## BioVisionAlexandria 2010 Exhibitors



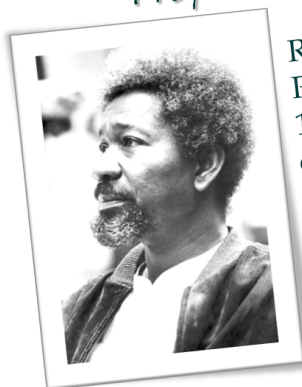
## BVA 2012 Nobel Laureates

We are pleased to announce that so far **3** Nobel Laureates have confirmed their participation in BVA 2012 Conference.

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*"The scientist is not a person who gives the right answers, he's one who asks the right questions."*  
—Claude Lévi-Strauss

*Prof. Wole Soyinka*



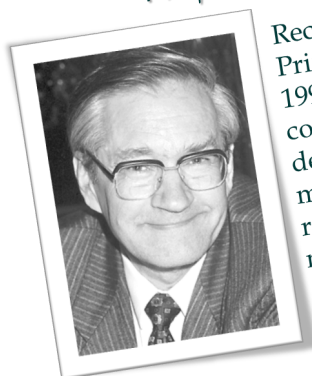
Received the Nobel Prize in Literature in 1986 and is among contemporary Africa's greatest writers.

*Prof. Paul Crutzen*



Received the Nobel Prize in Chemistry in 1995 jointly with Mario J. Molina and F. Sherwood Rowland for their work in atmospheric chemistry, particularly concerning the formation and decomposition of Ozone.

*Prof. Richard Ernst*



Received the Nobel Prize in Chemistry in 1991 for his contributions to the development of the methodology of high resolution nuclear magnetic resonance (NMR) spectroscopy.

### Presentation(s) for Richard Ernst:

Dr. Richard R. Ernst's Closing Speech at BioVision Alexandria 2008 Conference  
<http://webcast.bibalex.org/Cast/Offline.aspx?ID=zEuYmJHCR9lhiYSP0cAs0g==>

Today's Providence for Tomorrow's Survival at BioVision Alexandria 2008 Conference  
<http://webcast.bibalex.org/Cast/Offline.aspx?ID=pOQLBqTE2zIqR7bm72q0Jg==>

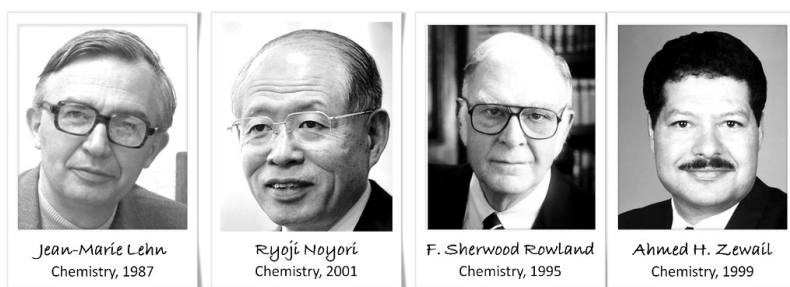
Nobel Round Table at BioVision Alexandria 2008 Conference  
<http://webcast.bibalex.org/Cast/Video.aspx?ID=cIB9vBFN/NwiP53Tv/lGeQ==>



## Past BVA Nobel Laureates

Since BVA 2004, many Nobel Laureates have honored us with their participation in BVA:

### BioVision Alexandria 2004



### BioVision Alexandria 2006



### BioVision Alexandria 2008



### BioVision Alexandria 2010



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*"To raise new questions, new possibilities, to regard old problems from a new angle, requires creative imagination and marks real advance in science."*

—Albert Einstein

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## BVA Poster Session

BioVisionAlexandria 2012 organizers cordially invite you to submit an abstract for presentation during the Poster Session that will be held at this international conference, attended by a wide range of eminent scientists and specialists.

- Are you interested in meeting life science professionals?
- Do you want to present your work in a professional atmosphere of discussion and interchange?

**Then, submit a poster proposal!**

Your poster should address related subjects in the fields of Health, Environment and Agriculture.

The deadline for abstract submission is **31 December 2011**.

For further information, please visit: <http://www.bibalex.org/bva2012/Home/StaticPage.aspx?page=56&m=6>



Electronic Posters in the East Exhibition Hall



Poster Session in the East Exhibition Hall

## BVA Sponsors

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BioVisionAlexandria 2012 organizers are delighted to invite you to sponsor BioVisionAlexandria 2012 Conference. The theme of the upcoming Conference is "*New Life Sciences: Linking Science to Society*", aiming to address the role science can play in achieving a fair, equal and just society, not just through scientific research but also policy adjustment.



BioVisionAlexandria Conference represents a unique opportunity that gathers more than **1,600** participants as well as **150** keynote speakers; including, Nobel Laureates, eminent scientists, ministers, and CEOs of several national and multinational pharmaceutical, biotechnological and agriculture companies.

As a sponsor, you will benefit from an excellent opportunity to present your services and products at this exclusive event. It is also an excellent chance to network with key researchers and business development executives.

If you are interested to become a sponsor of this exclusive event, please check our sponsorship packages at: <http://www.bibalex.org/bva2012/Home/StaticPage.aspx?page=19&m=8>

Check our previous partners and sponsors at: <http://www.bibalex.org/bva2010/Sponsors/List.aspx?m=8>





## BVA Memorable Quotes

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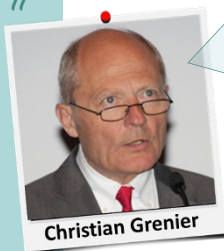
Ismail Serageldin

"The Knowledge Revolution we are living is just the beginning. The speed of change is phenomenal, the interaction between science, technology and innovation is great, it sometimes raises fear in society concerning the ability to cope with that speed as practically everything we know gets transformed within a few short years."

"Among us here in BioVision Alexandria 2010, we have over 100 young scientists from the developing world participating, and we have many young scientists in the audience. You are the ones who will be guiding the process of answering the problems in the 21<sup>st</sup> century. We look forward to you taking your place on the podium and sharing your success stories in the future. Go forth and bring forth good health and share your experiences."



Dianna Derhak



Christian Grenier

"At BioVision, we want to give the participants the best possible vision and understanding of all major innovation occurring in the field of life sciences in health, nutrition and environment. At BioVision we want participants to really learn something; we want to establish a dialogue between scientists and civil society, industry leaders, politicians, the United Nations, patients and consumers representatives. At BioVision we want participants to form their own opinion, and we want to facilitate networking between all categories of participants, and we hope that some participants will initiate joint action."

"The progress that has been achieved in developed countries has to be spread all over the world, because in our global world enabling global science to actually flourish we need to unite a one world of science. I think that improved science capacity anywhere may help anyone everywhere."



Rola Naja



Kurt Wüthrich

"If you meet resistance with the results that you have found, you can almost be sure that it is completely wrong or it is something important. Don't forget that Einstein did not get the Nobel Prize for the relativity theory because he wasn't believed."



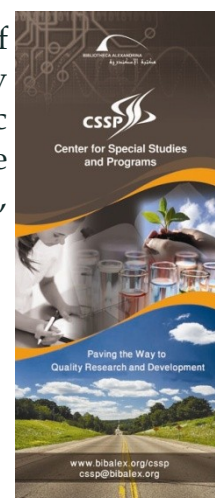
## Center for Special Studies and Programs

*Paving the Way to Quality Research and Development*

The *Center for Special Studies and Programs (CSSP)* is one of the eight BA academic research centers. Established in July 2003, with the aim to propagate and encourage scientific research and networking in various ways and settings. We aspire to place Egypt on the world map as pioneer in science, technology, research and networking.

*We aim to:*

- **C**reate a network of international collaboration;
- **S**upport activities that enhance career progression;
- **S**ponsor scientific research projects; and
- **P**romote science and technology through public awareness programs.



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CSSP

## What do you know about the Nobel Prize?

### What is the Nobel Prize?

Nobel Prizes are annual international awards bestowed by Scandinavian committees in recognition of cultural and scientific advances. The will of the Swedish chemist; *Alfred Nobel*, the inventor of dynamite, established the prizes in 1895. The prizes in Physics, Chemistry, Physiology or Medicine, Literature, and Peace were first awarded in 1901.



### Why are the individuals and organizations awarded Nobel Prizes called Nobel Laureates?

The word "Laureate" refers to being signified by the laurel wreath. In Greek mythology, the god Apollo is represented wearing a laurel wreath on his head. A laurel wreath is a circular crown made of branches and leaves of the bay laurel (In latin: *Laurus nobilis*). In ancient Greek, laurel wreaths were awarded to victors as a sign of honor, both in athletic competitions and in poetic meets.

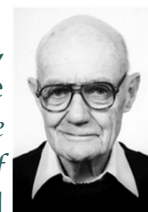
### Who is the youngest Chemistry Laureate?



To date, the youngest Nobel Laureate in Chemistry is *Frédéric Joliot*, who was 35 years old when he was awarded the Chemistry Prize in 1935, together with his wife, Irène Joliot-Curie "in recognition of their synthesis of new radioactive elements".

### Who is the oldest Chemistry Laureate?

The oldest Nobel Laureate in Chemistry to date is *John B. Fenn*, who was 85 years old when he was awarded the Chemistry Prize in 2002. The Nobel Prize in Chemistry 2002 was awarded "for the development of methods for identification and structure analyses of biological macromolecules" with one half jointly to *John B. Fenn* and *Koichi Tanaka* "for their development of soft desorption ionisation methods for mass spectrometric analyses of biological macromolecules" and the other half to *Kurt Wüthrich* "for his development of nuclear magnetic resonance spectroscopy for determining the three-dimensional structure of biological macromolecules in solution".



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### Contact Us

Bibliotheca Alexandrina  
P.O. Box 138 - Chatby, Alexandria 21526, EGYPT  
Email: [biovisionalexandria@bibalex.org](mailto:biovisionalexandria@bibalex.org)

