

We warmly invite you to join the Congress and spend fruitful and nice time in Krakow, the unique place where thriving science and splendid history meet.

On behalf of the Organizing Committee

Kazimierz Strzalka  
Symposium Chair  
Jagiellonian University in Krakow

**Congress Organizing Office:**



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**Organizers:**



Jagiellonian University in Krakow



University of Agriculture in Krakow



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Polish Federation of Biotechnology



Biotechnology Committee of Polish Academy of Sciences

[www.eurobiotech.krakow.pl](http://www.eurobiotech.krakow.pl)

IV Congress of Polish  
Biotechnology and

**IV EUROBIOTECH**

„Four Colours of Biotechnology”

Central European Congress of Life Sciences

**2011**



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# The IV Congress of Polish Biotechnology and

## IV EUROBIOTECH 2011

„Four Colours of Biotechnology”

Central European Congress of Life Sciences

will be held in October, 12<sup>th</sup>-15<sup>th</sup>, 2011  
in the Royal City of Krakow, Poland.

It is our great pleasure to announce that the Congress will open the plenary lecture by Professor Ada Yonath from the Weizmann Institute of Science in Rehovot entitled „The amazing ribosome”.

Professor Ada Yonath is an Israeli crystallographer best known for her pioneering work on the structure of the ribosome. In 2009, she received the Nobel Prize in Chemistry along with Venkatraman Ramakrishnan and Thomas A. Steitz for studies on the structure and function of the ribosome, becoming the first Israeli woman to win the Nobel Prize out of nine Israeli Nobel laureates and the first woman in 45 years to win the Nobel Prize for Chemistry. She is also the recipient of 30 honorary doctorates and international and Israeli awards, including the Wolf Award in Chemistry (2007).

The Congress is organized by Jagiellonian University, University of Agriculture in Krakow, the company Targi w Krakowie and the Biotechnology Committee of Polish Academy of Sciences. It will be a combination of two scientific meetings, so far held separately: Congress of Polish Biotechnology and Central European Congress of Life Sciences – EUROBIOTECH.

An international character of the IV Congress of Polish Biotechnology and EUROBIOTECH 2011, will create an excellent platform for presentation of recent achievements and future trends of biotechnology in Poland and in other countries.

Leading scientists in their fields will be invited to give most updated lectures on respective topics. Apart from Polish participants, we expect scientists and students from other countries, especially from Central Europe. The accompanying exhibition will gather companies from different sectors of biotechnology, creating an opportunity to exchange ideas and to establish cooperation between business and science.

The Congress will cover different fields of biotechnology.

Among the topics discussed there will be:

- Industrial bioprocesses and biocatalysis
- Energy from renewable resources, biomasses and biofuels
- Pharmaceutical biotechnology
- Nutrigenetics and nutrigenomics
- Biomaterials and biochemicals
- Nanotechnologies
- Bioinformatics
- Synthetic biology
- Agrobiotechnology
- Environmental biotechnology
- Food and feed biotechnology
- Molecular farming including tissue cultures
- Molecular breeding
- From molecular biology to pharmacogenomics and pharmacogenetics
- Personalized medicine: molecular diagnostics and targeted therapies
- Stem cells
- Gene therapy
- Transgenic animals as diseases and therapy models
- Emerging trends in biotechnology
- Biotechnology education
- Biotechnology regulations
- Bio-risk, bio-safety, bio-politics
- Biotechnology commercialization
- Intellectual property rights and bio-patents
- Biomarkets and biotechnology black market
- Bioethics
- Public perception of biotechnology

## Information about Poland

Poland, a member state of the European Union, is situated in Central Europe. Covering an area of almost 313,000 square kilometres, it is one of the largest country in Europe. Its northern frontier is delineated by the Baltic Sea, and it is bordered by the Russian Federation, Lithuania, Belarus, Ukraine, Slovakia, the Czech Republic and Germany.

The population of Poland is estimated at 40 million. Poland is the 6th largest economy in the EU and one of the fastest growing economies in Central Europe. It is the only member country of the European Union to have avoided a decline in GDP.