

## Sections

### Molecular Biology

- Genomics and Proteomics
- Regulation of Gene Expression
- Regulation of Protein Synthesis
- Cell Cycle
- Signal Transduction
- Apoptosis and Cell Fate
- Endocytosis and Protein Trafficking
- Non-Coding Elements of Genome
- Oncogenes

### Molecular Genetics

- Epigenetics
- Hereditary Diseases
- Genes and Development
- SNP Polymorphisms
- Plant Genetics

### Biotechnology and Biomedicine

- Diagnostics and Biomarkers of Cancer
- Stem Cells
- Biosensors
- Genetic Profiling of Tumors
- Inflammation and Cancer
- Vaccines, Target Therapy and Drug Delivery

### Bioinformatics

- Protein Structure Modelling
- Biological Networks
- Drug Design
- Microarray Data Analysis

## Panel Discussions:

1. Stem Cells in Carcinogenesis: Cause or Panacea
2. Molecular Biology Data: Riding the Wave

## Workshop on Bioinformatics

1. Basics of Perl programming
2. Sequence alignment
3. R language basics. Microarray data analysis
4. Protein structure modeling. Homology modeling
5. Computational identification of transcription factor binding sites.

## Our Address

Institute of Molecular Biology and  
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Institute of  
Molecular Biology and Genetics  
Conference for Young Scientists 2011

# THE 4th INTERNATIONAL IMBG CONFERENCE FOR YOUNG SCIENTISTS “MOLECULAR BIOLOGY: ADVANCES AND PERSPECTIVES”

Kyiv,  
Ukraine

September 14-17,  
2011



Organisers: 

Institute of Molecular Biology  
and Genetics NAS Ukraine



Young Researchers' Council  
of IMBG

More details on: <http://cys2011.imbg.org.ua>

Dear Young Scientists!

On behalf of the Institute of Molecular Biology and Genetics NASU (Kyiv, Ukraine), we are very glad to announce the 4th International Conference for Young Scientists 2011

### MOLECULAR BIOLOGY: ADVANCES AND PROSPECTIVES

to be held from September, 14-17, 2011 in Kyiv, Ukraine. The Conference focuses on the today's developments and perspectives of molecular biology and genetics, biotechnology, biomedicine, and bioinformatics. The conference will bring together undergraduate and PhD students, postdoctoral fellows and young researchers under 35 years old from Europe and all the world to meet and make friends as well as discuss scientific affairs and share experience in their research areas. Participants are welcome to make a speech or a poster presentation in the following sections:

Molecular Biology  
Molecular Genetics  
Biotechnology and Biomedicine  
Bioinformatics

Panel discussions:

1. Stem Cells in Carcinogenesis: Cause or Panacea
2. Molecular Biology Data: Riding the Wave

Workshop on Bioinformatics

Three best speeches and poster presentations will be awarded and published in "Biopolymers and Cell" scientific journal.

The Conference program includes lectures of world-renowned speakers, oral and poster sections, press-conference of the today's perspectives of molecular biology with keynote speakers of the conference, tour around the Kyiv center, welcome and farewell parties.

<http://cys2011.imbg.org.ua>

## Requirements for the abstracts

The title should be typed in capitals. The author's names are typed in bold, the name of presenting author must be underlined; organization, city, country and e-mail of presenting author must be indicated under the author's names

- Maximum symbol numbers including title, author names and contacts – 2000
- Font – Times New Roman 12 pt
- Intervals – 1,5
- Margins – 2,5 cm

The abstracts containing photos, figures and tables will not be accepted!

Scientific Committee will deal only with abstracts written according to the instruction for authors and submitted before deadline.

## Scientific Council

Prof. G.V. El'ska (Head of the Committee)

Prof. M.A. Tukalo	Dr. Ya.I Korpan
Prof. D.M. Hovorun	Prof. L.B. Drobot
Prof. V.A. Kunakh	Prof. S.O. Kosterin
Prof. V.V. Filonenko	Prof. A.V. Rynditch
Prof. S.P. Sidorenko	Prof. L.A. Livshits
Prof. N.M. Bilko	Prof. A.V. Sivolob
Prof. O.P. Matyshevskaya	Ph.D. O.V. Nikolaienko
Prof. O.I. Kornelyuk	Ph.D. A.M. Slonchak
Prof. L.L. Lukash	

## Registration

The estimated full registration will cover the Conference fee, coffee breaks, welcome and farewell parties. The participants also have an opportunity to take a tour around the Kyiv center.

Registration fee for participants	Early Bird before April, 30 (EURO)	After April, 30 (EURO)
Ukraine	10	15
International	35	40
Tour around the city center	10	15

Deadline for registration and abstract submission is May 31, 2011.  
Deadline for payment is May 31, 2011.  
Further information on:  
<http://cys2011.imbg.org.ua>

## Organizing Committee

Oleksandr Skorokhod (Head)

Olga Kostianets	Mykola Dergai
Dmytro Gerasymchuk	Olga Brovarets
Anna Tyutyunnykova	Ulian Nikolayev
Ihor Kravchuk	Anna Iatsyshyna
Anton Iershov	Andriy Slonchak
Tamara Lutsenko	Iryna Konvalyuk
Oleksii Nikolaienko	Bohdan Tokovenko

We are looking forward to welcome you in Kyiv!