

## PROGRAMME

<b>9<sup>00</sup> – 10<sup>00</sup></b>	<b>REGISTRATION and POSTER SETUP</b> <i>Central Scientific Library „A. Lupan” of the ASM</i> (5 Academiei Street, Chisinau)
<b>10<sup>00</sup> – 10<sup>20</sup></b>	<b>OPENING CEREMONY</b> <i>Conference Room of the Central Scientific Library „A. Lupan” of the ASM</i>
<b>10<sup>20</sup> – 13<sup>00</sup></b>	<b>PLENARY SESION</b> <i>Conference Room of the Central Scientific Library „A. Lupan” of the ASM</i>
<b>10<sup>20</sup> – 11<sup>00</sup></b>	<b>Dr. Sergio MAPELLI</b> , <i>Institute of Agricultural Biology and Biotechnology, Milan, Italy</i> IBBA RESEARCH ACTIVITIES: TODAY AND LOOKING TO THE FUTURE
<b>11<sup>00</sup> – 11<sup>40</sup></b>	<b>Dr. Andrei PAUN</b> , <i>NIRDBS, Bucharest; Computer Science Department, Faculty of Mathematics and Computer Science, University of Bucharest, Romania</i> NWA A DISCRETE STOCHASTIC SIMULATION TECHNIQUE: A REVIEW
<b>11<sup>40</sup> – 12<sup>20</sup></b>	<b>Prof. dr. Liviu APOSTOL</b> , <i>“Alexandru Ioan Cuza” University, Iasi, Romania</i> COMPARATIVE ANALYSIS OF ACTUAL CLIMATE IN EASTERN PART OF ORIENTAL CARPATHIANS
<b>12<sup>20</sup> – 13<sup>00</sup></b>	<b>Dr. Mihai MICLAUS</b> , <i>National Institute of Research and Development for Biological Sciences, Cluj Napoca, Romania</i> UNVEILING THE MOLECULAR STRUCTURE OF ROMANIAN MAIZE GERMPLASM THROUGH GENOTYPING AND TRANSCRIPTOME SEQUENCING
<b>13<sup>00</sup> – 14<sup>00</sup></b>	<b>LUNCH at Crizantema</b> (1 A Academiei Street, Chisinau) <i>The University will pay the cost of lunch only for rapporteur sand invited speakers (first floor).</i> <i>The Lunch for other participants will be on their own cots (second floor).</i>

### CURRENT ASPECTS AND PROSPECTS IN PLANT BREEDING

*Conference Room of the Central Scientific Library „A. Lupan” of the ASM*

Moderators: **Acad., Prof., D. Sc. Vasile MICU;**  
**Corr. Member, Prof., D. Sc. Andrei PALII**

<b>14<sup>00</sup> – 14<sup>20</sup></b>	<b>Acad., Prof., D. Sc. Vasile MICU</b> , <i>Institute of Crop Production “Porumbeni”, R. of Moldova</i> THE CONCEPT OF RESEARCH AND IMPLEMENTATION IN PLANT BREEDING
<b>14<sup>20</sup> – 14<sup>40</sup></b>	<b>Dr. Ilya DENEV</b> , <i>University of Plovdiv, Bulgaria</i> APPLICATION OF MOLECULAR METHODS FOR DISSECTION OF PLANT PARASITISM, EXPLORING SYSTEM HOST PLANT-ROOT PARASITIC PLANT-SOIL BIOME
<b>14<sup>40</sup> – 15<sup>00</sup></b>	<b>Corr. Member, Prof., D. Sc. Andrei PALII</b> , <i>State Agrarian University of Moldova, R. of Moldova</i> EVOLUTION OF SCIENTIFIC RESEARCHES REFERRING TO CORN AMELIORATION AND GENETICS IN THE REPUBLIC OF MOLDOVA
<b>15<sup>00</sup> – 15<sup>20</sup></b>	<b>D. Sc. Vasile BOTNARI</b> , <i>Institute of Genetics, Physiology and Plant Protection, R. of Moldova</i> INNOVATIVE ACHIEVEMENTS FOR SUSTAINABLE DEVELOPMENT OF AGRICULTURE
<b>15<sup>20</sup> – 15<sup>40</sup></b>	<b>D. Sc. Tudor ROTARU</b> , <i>SRL “Novasem”, R. of Moldova</i> FROM BASIC RESEARCHES TO CREATION, CERTIFICATION AND COMMERCIALISATION OF PERFORMANT SUNFLOWER HYBRIDS

### CURRENT ASPECTS AND PROSPECTS IN BIOMEDICINE and BIOINFORMATICS

*Meeting Room of the Central Scientific Library „A. Lupan” of the ASM*

Moderators: **Acad., Prof., D. Sc. Teodor FURDUI;**  
**Dr. Victoria SACARA**

<b>14<sup>00</sup> – 14<sup>20</sup></b>	<b>Acad., Prof., D. Sc. Teodor FURDUI, Dr. Valentina CHIOCHINĂ, Dr. Vlada FURDUI, Dr. Valeria VRABIE, Dr. Aliona GLIJIN</b> , <i>Institute of Physiology and Sanocreatology, ASM, R. of Moldova</i> SANOCREATOLOGY: A NEW DIRECTION IN BIOMEDICINE DESIGNED TO RESOLVE THE HEALTH PROBLEMS OF THE CONTEMPORARY AND FUTURE GENERATIONS
<b>14<sup>20</sup> – 14<sup>40</sup></b>	<b>Dr. Victoria SACARA</b> , <i>Institute of Mother and Child, R. of Moldova</i> A MOLECULAR GENETIC DIAGNOSIS IN THE REPUBLIC OF MOLDOVA: HISTORY AND PERSPECTIVES
<b>14<sup>40</sup> – 15<sup>00</sup></b>	<b>Dr. Tatiana CALALB</b> , <i>State University of Medicine and Pharmacy “N. Testemitanu”, R. of Moldova</i> MICROSCOPICAL AND PHYTOCHEMICAL STUDY OF VEGETABLE DRUGS FROM SP. WITTHANIA SOMNIFERA DUNAL MICROPROPAGATED IN VITRO
<b>15<sup>00</sup> – 15<sup>20</sup></b>	<b>Dr. Alexei LEVITCHI</b> , <i>State University of Medicine and Pharmacy “N. Testemitanu”, R. of Moldova</i> COMPLEX DISEASE ASSOCIATED SNPS IDENTIFICATION PIPELINE
<b>15<sup>20</sup> – 15<sup>40</sup></b>	<b>Alexandru MEREUȚA</b> , <i>Medical Laboratory “Invitro Diagnostics” R. of Moldova</i> PROSPECTS OF THE INITIATION FOR PHARMACOGENETICS RESEARCH IN REPUBLIC OF MOLDOVA

### CURRENT ASPECTS AND PROSPECTS IN CLIMATE CHANGE

*4 Room of the University of the Academy of Sciences of Moldova*

Moderators: **Dr. Sc. Maria NEDEALCOV;**  
**Dr. Ilie BOIAN**

<b>14<sup>00</sup> – 14<sup>20</sup></b>	<b>Dr. Sc. Maria NEDEALCOV</b> , <i>Institute of Ecology and Geography, ASM, R. of Moldova</i> REGIONAL RESEARCHES IN THE FIELD OF CLIMATE CHANGES: CURRENT ASPECTS AND PROSPECTS
<b>14<sup>20</sup> – 14<sup>40</sup></b>	<b>Dr. Vasile SCORPAN</b> , <i>Office of Climate Change, R. of Moldova</i> INTERNATIONAL AND NATIONAL FRAME OF CLIMATE CHANGES
<b>14<sup>40</sup> – 15<sup>00</sup></b>	<b>Dr. Anatol PUȚINTICĂ</b> , <i>Tiraspol State University, R. of Moldova</i> ANALYSIS OF CLIMATE CHANGES IMPACTS AND TENDENCIES IN THE REPUBLIC OF MOLDOVA
<b>15<sup>00</sup> – 15<sup>20</sup></b>	<b>Dr. Ilie BOIAN</b> , <i>University of the Academy of Sciences of Moldova, R. of Moldova</i> THE IMPACT OF THE REGIONAL CLIMATE CHANGE ON THE AGRICULTURAL SECTOR OF THE REPUBLIC OF MOLDOVA
<b>15<sup>20</sup> – 15<sup>40</sup></b>	<b>Dr. Iurie BEJAN</b> , <i>Institute of Ecology and Geography, ASM, R. of Moldova</i> ESTIMATION OF WATER RESOURCES IN THE PRUT RIVER BASIN IN THE CONTEXT OF CLIMATE CHANGE

### CURRENT ASPECTS AND PROSPECTS IN FOOD SAFETY

*18 Room of the University of the Academy of Sciences of Moldova*

Moderators: **Prof., D. Sc. Rodica STURZA;**  
**Dr. Adelina DODON**

<b>14<sup>00</sup> – 14<sup>20</sup></b>	<b>Dr. Gheorghe GABERI</b> , <i>National Agency for Food Security, R. Moldova</i> ASPECTS RELATED TO FOOD SECURITY
<b>14<sup>20</sup> – 14<sup>40</sup></b>	<b>Acad., Prof., D. Sc. Maria DUCA</b> , <i>University of Academy of Sciences of Moldova, R. Moldova</i> PROS AND CONS OF GENETICALLY MODIFIED ORGANISMS
<b>14<sup>40</sup> – 15<sup>00</sup></b>	<b>Prof., D. Sc. Rodica STURZA</b> , <i>Technical University of Moldova, R. Moldova</i> CRITERIA OF FOOD SAFETY IN III <sup>th</sup> CENTURY
<b>15<sup>00</sup> – 15<sup>20</sup></b>	<b>Dr. Adelina DODON</b> , <i>Technical University of Moldova, R. Moldova</i> FROM BIO-PRODUCT TO AGLUTENIC BIO-FOOD
<b>15<sup>20</sup> – 15<sup>40</sup></b>	<b>Dr. Iulia IATCO</b> , <i>Institute of Microbiology and Biotechnology, ASM, R. Moldova</i> HOW TO BE CLEVER CONSUMERS?

### CURRENT ASPECTS AND PROSPECTS IN ECOLOGY and GENOFOND PROTECTION

*22 Room of the University of the Academy of Sciences of Moldova*

Moderators: **Corr. Memb., Prof., D. Sc. Ion DEDIU;**  
**Dr. Alexandru TELEUTA**

<b>14<sup>00</sup> – 14<sup>20</sup></b>	<b>Acad., Prof., D. Sc. Ion TODERAS, Prof., D. Sc. Laurentia UNGUREANU</b> , <i>Institute of Zoology, ASM, R. Moldova</i> THE PROTECTION AND EXPLOITATION OF THE ANIMAL WORLD DIVERSITY THROUGH THE VECTORS OF EUROPEAN COMMUNITY
<b>14<sup>20</sup> – 14<sup>40</sup></b>	<b>Corr. Memb., Prof., D. Sc. Ion DEDIU</b> , <i>Institute of Ecology and Geography, ASM, R. Moldova</i> 150 YEARS OF ECOLOGY AS A BIOLOGICAL SCIENCE
<b>14<sup>40</sup> – 15<sup>00</sup></b>	<b>Dr. Mihaela PAUN</b> , <i>National Institute for Research and Development for Biological Sciences, Bucharest, Romania</i> INTERNATIONAL CENTRE FOR ADVANCED STUDIES ON RIVER-SEA SYSTEMS „DANUBIUS-RI”
<b>15<sup>00</sup> – 15<sup>20</sup></b>	<b>Dr. Alexandru TELEUTA</b> , <i>Botanical Garden (Institute), ASM, R. Moldova</i> BIODIVERSITY CONSERVATION IN THE REPUBLIC OF MOLDOVA: ACHIEVEMENTS AND PROSPECTS
<b>15<sup>20</sup> – 15<sup>40</sup></b>	<b>Prof., D. Sc. Tudor COZARI</b> , <i>Tiraspol State University, R. Moldova</i> PROTECTED FAUNA OF THE REPUBLIC OF MOLDOVA: EXCERPTS FROM RED BOOK OF RM, 3rd EDITION
<b>15<sup>40</sup> – 16<sup>30</sup></b>	<b>POSTER SESSION</b> <i>Central Scientific Library „A. Lupan” of the ASM</i> (5 Academiei Street, Chisinau)
<b>16<sup>30</sup> – 17<sup>00</sup></b>	<b>CLOSING CEREMONY</b> <i>Conference Room of the Central Scientific Library „A. Lupan” of the ASM</i>

## INTERNATIONAL SCIENTIFIC COMMITTEE

**Acad., Prof., D. Sc. Maria DUCA** (President)

*UnASM, Republic of Moldova*

**Acad., Prof., D. Sc. Alexandru CIUBOTARU**  
*Botanical Garden (Institute), Republic of Moldova*

**Acad., Prof., D. Sc. Teodor FURDUI**  
*Institute of Physiology and Sanocreatology, ASM,  
Republic of Moldova*

**Acad., Prof., D. Sc. Stanislav GROPPA**  
*State University of Medicine and Pharmacy „N.  
Testemitanu”, Republic of Moldova*

**Acad., Prof., D. Sc. Vasile MICU**  
*Institute of Crop Production „Porumbeni”,  
Republic of Moldova*

**Dr. Sc. Maria NEDEALCOV**  
*Institute of Ecology and Geography, ASM,  
Republic of Moldova*

**Corr. Member, Prof., D. Sc. Andrei PALII**  
*State Agrarian University of Moldova,  
Republic of Moldova*

**Dr. Manuela Elisabeta SIDOROFF**  
*National Institute of Research and Development for  
Biological Sciences, Bucuresti, Romania*

**Prof., PhD. Otmar SPRING**  
*Institute for Botany, Hohenheim University,  
Stuttgart, Germany*

**Acad., Prof., D. Sc. Ion TODERAS,**  
*Institute of Zoology, ASM, Republic of Moldova*

## ORGANIZING COMMITTEE

**Dr. Angela PORT**  
*UnASM*

**Dr. Steliana CLAPCO**  
*CFG, UnASM*

**Dr. Daniela ELENCIUC**  
*Natural Sciences Faculty, UnASM*

**Prof., Dr. Sc. Laurentia UNGUREANU**  
*Biological Sciences Doctoral School*

**Dr. Igor NICOARA**  
*Genomic Sciences Doctoral School*

**Rodica MARTEA**  
*CFG, UnASM*

## ORGANISATORS

- **Natural Sciences Faculty, UnASM**
- **Center of Functional Genetics (CFG), UnASM**
- **Biological Sciences Doctoral School**
- **Genomic Sciences Doctoral School**

## REQUIREMENTS

**Plenary presentations** - 40 min;

**Oral presentations** - 20 min;

**Poster communications** - max. 90 x 120  
cm, equivalent to A0 size.

## PARTICIPATION FEE

**50 lei**

*to be paid upon registration on the  
opening day of the Conference.*

The participation fees covers admission to the  
Conference sessions and abstracts book.

## CONTACT DATA

**University of the Academy of  
Sciences of Moldova,**

3/2 Academiei Street,  
Chisinau MD 2028,  
Republic of Moldova,  
Tel. (+373 22) 73 74 33, 73 74 50  
E-mail: [unasmconf2016@gmail.com](mailto:unasmconf2016@gmail.com)



*The International Conference dedicated to the  
70<sup>th</sup> anniversary of foundation of first research  
institutes of the ASM and the 55<sup>th</sup> anniversary of  
the inauguration of the Academy of Sciences of  
Moldova*

**LIFE SCIENCES IN THE  
DIALOGUE OF GENERATIONS:  
CONNECTIONS BETWEEN  
UNIVERSITIES, ACADEMIA  
AND BUSINESS COMMUNITY**

**March 25, 2016,  
Chisinau,  
Republic of Moldova**