



New trends in Biology: *from molecules to complex systems*

28 - 29 October 2021
Iasi, Romania

PROGRAM

Virtual meeting





ORGANIZERS:

Faculty of Biology

in partnership with:

"Anastasiu Fătu" Botanical Garden and Museum of Natural History in Iași

SECTIONS:

Taxonomy and Ecology

Experimental and Molecular Biology

ASSOCIATED EVENTS:

Round tables: *Educational Resources in Biology* in collaboration with the Romanian Academy - Iași Branch, Subcommission for Nature Monuments

Round table: *Pollution and its effects on organisms* in collaboration with the Romanian Academy - Iași Branch, Commission for Combating Environmental Pollution

Autumn Flowers Exhibition, "Anastasiu Fătu" Botanical Garden of Iași, 45th edition, dedicated to the 165th anniversary of the first botanical garden founding in Romania

Exhibition of 3D molecular models

ORGANIZING COMMITTEE:

Professor Dr. habil. Marius MIHĂȘAN, Faculty of Biology

Professor Dr. habil. Lucian GORGAN, Faculty of Biology

Associate Professor Dr. habil. Mircea MITROIU, Faculty of Biology

Researcher III Dr. Mihaela DANU, Faculty of Biology

Biologist Dr. Irina IRIMIA, Faculty of Biology

Biologist Dr. Camelia IFRIM, "Anastasiu Fătu" Botanical Garden

Curator Dr. Ana DAVIDEANU, Museum of Natural History

SCIENTIFIC COMMITTEE:

Professor Dr. habil. Marius ȘTEFAN, Dean of Faculty of Biology

Associate Professor Dr. Nela COSTICĂ, Faculty of Biology

Professor Dr. habil. Luminița BEJENARU, Director of Doctoral School of Biology

Professor Dr. Cătălin TĂNASE, M.C. Romanian Academy, Director of "Anastasiu Fătu" Botanical Garden

Professor Dr. Ștefan Remus ZAMFIRESCU, Director of Museum of Natural History





Thursday, October 28, 2021

9.00 – 9.20 **Opening Words from Organizers and Guests**

9.20 – 9.50 **Keynote Lecture:**
**EDIBLE AND MEDICINAL PLANTS FROM THE UPPER PALEOLITHIC
TO BRONZE AGE ON THE TERRITORY OF GEORGIA ACCORDING
TO PALYNOLOGICAL STUDY**
Inga MARTKOPLISHVILI

10.00 – 18.15 **Session Presentations**

Vitual Exhibition: 3D Printed Models of Macromolecules

http://cercetare.bio.uaic.ro/SSBIO/assets/prezentare_expo_2.pptx.pdf





Thursday, October 28, 2021

Session: Taxonomy and Ecology
Oral Communications

Moderator: Associate Professor Dr. Carmen GACHE

- 10.00 – 10.15 **A NEW SITE WITH *COCHLEARIA BORZAEANA* (COMAN ET NYÁR.) POBED. IN NORTHERN ROMANIA**
Ciprian Claudiu MÂNZU, Alina Georgiana CÎȘLARIU
- 10.15 – 10.30 **ASPECTS REGARDING THE ECOLOGY AND IMPORTANCE OF *ECHIMUM VULGARE* L. AND *ECHIMUM ITALICUM* L. SPECIES**
Alexandra Roxana SAVA, Anișoara STRATU, Maria-Magdalena ZAMFIRACHE
- 10.30 – 10.45 **DISTRIBUȚIA ÎN ROMÂNIA A PLANTELOR ALOGENE INVAZIVE DE ÎNGRIJORARE PENTRU UNIUNEA EUROPEANĂ**
Culiță SÎRBU, Paulina ANASTASIU, Mihaela URZICEANU, Petronela CAMEN-COMĂNESCU, Ioana-Minodora SÎRBU, Alexandru-Athanasios GAVRILIDIS, Adrian OPREA
- 10.45 – 11.00 **HABITATS OF COMMUNITY AND NATIONAL INTEREST FROM EASTERN PART OF THE NATURA 2000 SITE “SĂRĂTURILE JIJIA INFERIOARĂ – PRUT” (ROSCI0222)**
Oana ZAMFIRESCU
- 11.00 – 11.15 ***THAUMATORYMUS NOTANISOIDES* FERR. & NOV. (HYMENOPTERA: TORYMIDAE), ELEMENT FAUNISTIC CU AFINITĂȚI MEDITERANEENE, NOU PENTRU FAUNA ROMÂNIEI, CU COMPLETĂRI PRIVIND BIOLOGIA SPECIEI**
Ionel ANDRIESCU, Ion ȘCHIOPU
- 11.15 – 11.30 **ENDOSIMBIONȚII INSECTELOR DIN GENURILE *SPALANGIA* ȘI *EUPELMUS* (HYMENOPTERA: CHALCIDOIDEA)**
Lucian FUSU, Mălina ATODIRESEI, Maria-Magdalena DASCĂLU, Daniela GHERGHEL, Lucian HÂNCEANU, Mircea-Dan MITROIU, Ovidiu A. POPOVICI, Ionela-Mădălina VICIRIUC, Gabriela VOCHIȚA
- 11.30 – 11.45 **SPECIILE PALEARCTICE ALE GENULUI *FIDIOBIA* (HYMENOPTERA: PLATYGASTROIDEA)**
Ovidiu Alin POPOVICI, Lubomir MASNER, Zachary LAHEY, Elijah TALAMAS
- 11.45 – 12.00 **RELAȚIILE DINTRE AGENTUL DE COMBATERE BIOLOGICĂ *TORYMUS SINENSIS* ȘI SPECII INDIGENE DIN GENUL *TORYMUS* (HYMENOPTERA: TORYMIDAE)**
Ionela-Mădălina VICIRIUC, Mircea-Dan MITROIU, Nicolas BOROWIEC, Lucian FUSU
- 12.00 – 12.15 **REVIEW OF *SCOLELEPIS* (POLYCHAETA: SPIONIDAE) FROM THE BLACK SEA**
Victor SURUGIU





12.15 – 12.30 **EFFECTUL APLICĂRII GUNOIULUI DE GRAJD PROCESAT PRIN COMPOSTARE ASUPRA EVOLUȚIEI ȘI TRANSFERULUI BACTERIILOR REZISTENTE LA ANTIBIOTICE ȘI A GENELOR DE REZISTENȚĂ LA ANTIBIOTICE LA NIVEL DE FERMĂ**

Ioana Mihaela JAGĂ, Luminița MĂRUȚESCU, Marcela POPA, Carmen Mariana CHIFIRIUC, Florina BOTEZ, Carmen POSTOLACHE

12.30 – 13.30 Break

Moderator: Lecturer Dr. Ciprian-Claudiu MÂNZU

13.30 – 13.45 **AMPHIBIANS FROM THE NATURA 2000 SITE “SĂRĂTURILE JIJIA INFERIOARĂ – PRUT” (ROSCI0222)**

Ștefan R. ZAMFIRESCU, Alexandru STRUGARIU, Raluca MELENCIUC, Paul C. DINCĂ, Petronel SPASENI, Tiberiu SĂHLEAN

13.45 – 14.00 **MIGRATION OF BIRD FAUNA IN THE PERIMETER OF THE ROSPA0072 SIRET MIDDLE FLOODPLAIN (ROMANIA)**

Carmen GACHE

14.00 – 14.15 **PATHOLOGICAL EVALUATION OF THE SKELETON M₁₉₀ DISCOVERED IN THE NECROPOLIS OF THE “VULPE” CHURCH (17TH-19TH CENTURIES) FROM IAȘI (ROMANIA)**

Vasilica-Monica GROZA, Luminița BEJENARU, George BILAVSCHI, Ludmila PÎRNĂU, Ozana-Maria PETRARU, Mariana POPOVICI

14.15 – 14.30 **ARCHAEZOLOGICAL DATA ON THE BRONZE AGE COMMUNITY OF WIETENBERG CULTURE FROM UROI-SIGHETI (HUNEDOARA COUNTY, ROMANIA)**

Daniel MALAXA, Antoniu MARC, Simina STANC, Luminița BEJENARU

14.30 – 14.45 **DENTAL MICROWEAR PATTERNS – EVIDENCE IN A HUMAN POPULATION OF 17TH CENTURY FROM IAȘI CITY (ROMANIA)**

Ozana-Maria PETRARU, Mariana POPOVICI, Vasilica-Monica GROZA, Luminița BEJENARU

14.45 – 15.00 **ASSESSING THE SEXUAL DIMORPHISM IN AN ARCHAEOLOGICAL HUMAN POPULATION OF 17TH CENTURY FROM IAȘI (ROMANIA): GEOMETRIC MORPHOMETRICS OF THE SECOND MOLAR TEETH**

Mariana POPOVICI, Vasilica-Monica GROZA, Ozana-Maria PETRARU, Luminița BEJENARU

15.00 – 15.15 **CERCETĂRI MULTIDISCIPLINARE PRIVIND INTERACȚIUNILE OM - MEDIU LA CETATEA ROMANO-BIZANTINĂ DE LA IBIDA (DOBROGEA, SUD-ESTUL ROMÂNIEI)**

Simina Margareta STANC, Mihaela DANU, Radu Gabriel PÎRNĂU, Bogdan ROȘCA, Luminița BEJENARU





- 15.15 – 15.30 **ECOPHYSIOLOGICAL AND LIFE-HISTORY ADAPTATIONS OF *GAMMARUS BALCANICUS* (Schäferna, 1922) IN A SINKING-CAVE STREAM FROM WESTERN CARPATHIANS (ROMANIA)**
Octavian PACIOGLU, Ștefan-Adrian STRUNGARU, Gabriel PLĂVAN
- 15.30 – 15.45 **RESPONSE OF AQUATIC MACROINVERTEBRATES COMMUNITIES TO MULTIPLE ANTHROPOGENIC STRESSORS IN A LOWLAND TRIBUTARY RIVER**
Ștefan-Adrian STRUNGARU, Corneliu Mihaiță POHONȚU, Mircea NICOARĂ, Carmen TEODOSIU, Emanuel Ștefan BALTAG, Roxana JIJIE, Gabriel PLĂVAN, Octavian PACIOGLU, Caterina FAGGIO
- 15.45 – 16.00 **SPECII DE PLANTE CU STATUT DE PROTECȚIE LA NIVEL EUROPEAN PREZENTE ÎN COLECȚIA HERBARULUI UNIVERSITĂȚII “ALEXANDRU IOAN CUZA” DIN IAȘI**
Irina IRIMIA

Thursday, October 28, 2021

**Session: Experimental and Molecular Biology
Oral Communications**

Moderator: Professor Dr. Habil. Lucian HRIȚCU

- 10.00 – 10.15 **DIETARY INTERVENTION EFFECT OF DIHYDROMYRICETIN ENCAPSULATED WITH D-A-TOCOPHERYL POLYETHYLENE GLYCOL 1000 SUCCINATE-SAPONIN SELF-MICROEMULSION DRUG DELIVERY SYSTEM**
Lei CHEN, Jianbo XIAO
- 10.15 – 10.30 **THE EFFECT OF SECONDARY METABOLITES ON ANTIMICROBIAL ACTIVITY IN WATER TREATMENT**
Sara Er RAHMANI, Hassan LATRACHE, Saad IBNSOUDA
- 10.30 – 10.45 **WHERE SHOULD THE LINE BE DRAWN WHEN CONSIDERING THE BENEFITS AND DISBENEFITS OF USING PESTICIDES FROM A FUNGAL PERSPECTIVE?**
Tiberius BALAEȘ, Cătălin TĂNASE
- 10.45 – 11.00 **COMPARATIVE ANALYSIS OF SOME MORPHOLOGICAL AND BIOCHEMICAL TRAITS IN 37 TOMATO CULTIVARS GROWN IN ECOLOGICAL GARDEN OF THE BOTANICAL GARDEN „VASILE FATI”, JIBOU**
Cristina-Mirela COPACI, Tünde-Éva JAKÓ, Gabriel VERDE, Paul-Marian SZATMARI, Iulia CHIȘ, Lia MLADIN, Oana SICORA, Cosmin SICORA
- 11.00 – 11.15 **STUDIUL PORTAJULUI INTESTINAL DE ENTEROBACTERII PRODUCĂTOARE DE BETA-LACTAMAZE DE SPECTRU LARG LA LUCRĂTORII DIN STAȚIILE DE EPURARE A APELOR UZATE**
Alina MANOLE, Luminița Gabriela MĂRUȚESCU, Carmen Mariana CHIFIRIUC
- 11.15 – 11.30 **FIBROUS GELATIN-BASED SCAFFOLDS ENRICHED WITH MNPS DISPLAY CYTOCOMPATIBILITY WITH HUMAN ADIPOSE-DERIVED STEM CELLS**
Alexandra-Elena DOBRANICI, Aida ȘELARU, Elena OLĂREȚ, Izabela STANCU, Marieta COSTACHE, Sorina DINESCU





- 11.30 – 11.45 **RESVERATROL-LOADED VESICULAR ELASTIC NANOCARRIERS GEL IN IMIQUIMOD-INDUCED PSORIASIS TREATMENT: *IN VITRO* AND *IN VIVO* EVALUATION**
Mahmoud A. ELGEWELLY, Soha M. ELMASRY, Nesrine S El SAYED, Haidy ABBAS
- 11.45 – 12.00 **MTT AND CLONOGENIC ASSAYS TO EVALUATE THE *IN VITRO* EFFECT OF BLEOMYCIN IN DIFFERENT TUMOR CELL LINES**
Gabriela VOCHIȚA, Cosmin-Teodor MIHAI, Boreyko ALLA, Krasavin EUGEN, Daniela GHERGHEL
- 12.00 – 12.15 ***IN VITRO* ASSESSMENT OF CYTOTOXICITY IN HEALTHY CELLS FOLLOWING EXPOSURE TO HEAVY METALS**
Daniela GHERGHEL, Crăița Maria ROȘU, Cosmin-Teodor MIHAI, Gabriela VOCHIȚA
- 12.15 – 12.30 **COGNITIVE FACILITATION AND ANTIOXIDANT EFFECTS OF AN ESSENTIAL OIL MIX ON SCOPOLAMINE-INDUCED AMNESIA IN RATS: MOLECULAR MODELING OF *IN VITRO* AND *IN VIVO* APPROACHES**
Lucian HRIȚCU
- 12.30 – 12.45 **VALORIZATION OF ESSENTIAL OILS FROM *TETRACLINIS ARTICULATA* AND *PINUS HALEPENSIS*: APPLICATION IN AN ANIMAL MODEL WITH ALZHEIMER'S DISEASE INDUCED BY B-AMYLOID (1-42)**
Fatima Zahra SADIKI, Mostafa El IDRISSE, Lucian HRIȚCU, Paula Alexandra POSTU, Oana CIOANCĂ, Adriana TRIFAN, Mohammed SBITI
- 12.45 – 13.00 **AMELIORATIVE EFFECTS OF COTININE AND 6-HYDROXY-L-NICOTINE IN A SCOPOLAMINE-INDUCED ZEBRAFISH MODEL OF ALZHEIMER'S DISEASE**
Răzvan Ștefan BOIANGIU, Marius MIHĂȘAN, Dragoș Lucian GORGAN, Bogdan Alexandru STACHE, Lucian HRIȚCU

13.00 – 14.00 Break

Moderator: Associate Professor Dr. Brîndușa Alina PETRE

- 14.00 – 14.15 **IN SEARCH OF BIOMARKERS OF EMOTIONAL BURNOUT (EMOTIONAL EXHAUSTION STAGE)**
Sergii TUKAIEV, Dmytro HARMATIUK, Anton POPOV, Mykola MAKARCHUK
- 14.15 – 14.30 **A LINK BETWEEN BRAIN CANCER AND NEURODEGENERATION**
Paula Alexandra POSTU, Adrian TIRON, Crina Elena TIRON, Lucian HRIȚCU
- 14.30 – 14.45 **SWEROSIDE CAN PREVENTS SCOPOLAMINE-INDUCED MEMORY IMPAIRMENT AND BRAIN OXIDATIVE STRESS IN ZEBRAFISH (*DANIO RERIO*)**
Ion BRÎNZA, Lucian HRIȚCU, Eldahshan Omayama
- 14.45 – 15.00 **INVESTIGATION OF THE ACTION OF ROIFOLINE ON COGNITIVE PROCESSES IN ZEBRAFISH**
Daniela-Adriana TANASĂ, Lucian HRIȚCU
- 15.00 – 15.15 **EVALUAREA EFECTELOR ROIFOLINEI ASUPRA STATUSULUI OXIDATIV DIN CREIERUL PEȘTELUI ZEBRĂ**
Maria Lăcrămioara ILIE, Lucian HRIȚCU





- 15.15 – 15.30 **EVALUAREA EFECTELOR BAICALINEI ASUPRA STATUSULUI OXIDATIV DIN CREIERUL PEȘTELUI ZEBRA**
Onisia ZAHARIA, Lucian HRIȚCU
- 15.30 – 15.45 **THE NATURAL NEUROPROTECTIVE COMPOUNDS USED IN THE 6-HYDROXYDOPAMINE INDUCED PARKINSON'S DISEASE IN ZEBRAFISH: THE CURRENT APPLICATIONS AND PERSPECTIVES**
Sara ABIDAR, Lucian HRIȚCU, Amina AMAKRAN, Gabriela DUMITRU, Elena TODIRAȘCU-CIORNEA, Mohamed NHIRI
- 15.45 – 16.00 **IMPORTANȚA VITAMINEI D ÎN CONVULSIILE EPILEPTICE**
Raluca-Elena DUȚĂ, Alin CIOBÎCĂ
- 16.00 – 16.15 **APPLICATIONS OF PROTEOMICS IN LIFE SCIENCES**
Costel C. DARIE, Madhuri JAYATHIRTHA, Danielle WHITHAM, Brîndușa Alina PETRE, Emma BAXTER, Bailee UNDERWOOD, Bailey BRENNEN, Shelby ALWINE, George CULVER, Yashveen RAI, Panashe MUTSENGI, Mary DONNELLY, Hannah YORKEY, Isabelle SULLIVAN
- 16.15 – 16.30 **INVESTIGATION AND CHARACTERIZATION OF THE JUMPING TRANSLOCATION BREAKPOINT (JTB) PROTEIN USING MASS SPECTROMETRY BASED PROTEOMICS**
Madhuri JAYATHIRTHA, Danielle WHITHAM, Devika CHANNAVEERAPPA, Costel C. DARIE
- 16.30 – 16.45 **PROTEOMIC ANALYSIS OF HUMAN BREAST MILK TO REVEAL POTENTIAL PROTEIN BIOMARKERS FOR BREAST CANCER**
Danielle WHITHAM, Roshanak ASLEBAGH, Devika CHANNAVEERAPPA, Brian PENTECOST, Kathleen F. ARCARO, Costel C. DARIE
- 16.45 – 17.00 **MASS SPECTROMETRIC CHARACTERIZATION OF THE ZEIN PROTEIN COMPOSITION IN MAIZE FLOUR “ECO-FRIENDLY” EXTRACTS**
Laura DARIE-ION, Gabi DROCHIOIU, Costel C. DARIE, Brîndușa Alina PETRE
- 17.00 – 17.15 Break

Session: Experimental and Molecular Biology Poster Presentations

Moderator: Associate Professor Dr. Lucian FUSU

- 17.15 – 17.20 **MICROPROPAGATION FROM CALLUS CULTURES OF *CAPSICUM ANNUUM* L.**
Smaranda VÂNTU
- 17.20 – 17.25 **ANALYSIS OF THE LAKE TROUT HEART AND BLOOD PROTEOME USING EVOLUTIONARY PROTEOMICS**
Shelby ALWINE, Emmalyn J. DUPREE, Bernard CRIMMINS, Thomas HOLSEN, Costel C. DARIE





- 17.25 – 17.30 **IDENTIFICATION OF INVERTEBRATES USING DNA BARCODING. STUDY CASE: DANUBE RIVER-DANUBE DELTA-BLACK SEA SYSTEM**
Selma MENABIT, Tatiana BEGUN, Adrian TEACĂ, Mihaela MUREȘAN, Ana Bianca PAVEL, Lavinia IANCU, Cristina PURCAREA
- 17.30 – 17.35 **NEUROPROTECTIVE AND ANTIOXIDANT EFFECTS OF THE AQUEOUS EXTRACT OF XIMENIA AMERICANA STEM BARK ON MEMORY IMPAIRMENT INDUCED BY DIAZEPAM IN MICE**
Jean Galba BEPPE
- 17.35 – 17.40 **THE STIMULATORY EFFECT OF THE ROMANIAN MONOFLORAL HONEY ON KERATINOCYTE PROLIFERATION**
Andreea IOSĂGEANU, Elena MIHAI, Oana CRĂCIUNESCU, Anișoara CÎMPEAN
- 17.40 – 17.45 **IMPACTUL TRATAMENTULUI CU PLASMĂ NON-TERMICĂ LA PRESIUNE ATMOSFERICĂ ASUPRA EXPRESIEI GENELOR ASOCIATE CONTROLULUI APOPTOZEI**
Alexandru Bogdan STACHE, Loredana Mihaiela DRAGOȘ, Ionuț Topală, Ilarion MIHĂILĂ, Cosmin Teodor MIHAI, Dragoș Lucian GORGAN
- 17.45 – 17.50 **DRAFT GENOME OF A USEFUL BACTERIA: PAENARTHROBACTER NICOTINOVORANS**
Iasmina HONCERIU, Răzvan Ștefan BOIANGIU, Marius MIHĂȘAN
- 17.50 – 17.55 **CRISPR-CPF1 SYSTEM AND ITS UTILITY IN EDITING THE PAENARTHROBACTER NICOTINOVORANS GENOME**
Iustin-Tiberius MUNTEANU, Fakhri KALLABI, Marius MIHĂȘAN
- 17.55 – 18.00 **ANTIBIOTIC RESIDENCE OF PAENARTHROBACTER NICOTINOVORANS – AN IN-SILICO AND IN-VITRO STUDY**
Andreea Mihaela MLEȘNIȚĂ, Veronica Cristina MOLDOVAN, Fakhri KALLABI, Marius ȘTEFAN, Marius MIHĂȘAN
- 18.00 – 18.05 **STUDY OF THE MECHANISMS OF ANTIBIOTIC RESISTANCE OF BACTERIA ISOLATED FROM THE INFLUENT OF AN WASTEWATER TREATMENT PLANT**
Cristina-Veronica MOLDOVAN, Marius ȘTEFAN
- 18.05 – 18.10 **ORGANIC ACIDS PRODUCTION BY PHOSPHATE SOLUBILIZING BACTERIA**
Loredana-Elena MANTEA, Marius MIHĂȘAN, Marius ȘTEFAN
- 18.10 – 18.15 **ANTI-CANDIDA ACTIVITY OF SYNTHETIC FLAVONOID Br-CI**
Mihaela SAVU, Lucian BÎRSA, Marius ȘTEFAN





Friday, October 29, 2021

9.00 – 11.00 **Round tables: *Educational Resources in Biology***

11.00 – 13.00 **Round table: *Pollution and its Effects on Organisms***

11.00 – 16.00 **Exhibition: *Autumn Flowers***
45th Edition dedicated to the 165th anniversary of the first
botanical garden founding in Romania

Virtual Exhibition: *3D Printed Models of Macromolecules*

http://cercetare.bio.uaic.ro/SSBIO/assets/prezentare_expo_2.pptx.pdf





Friday, October 29, 2021

Round tables: *Educational Resources in Biology*

- 09.00 – 11.00 **THE ROLE OF BOTANICAL GARDENS IN PREVENTING THE DISAPPEARANCE OF PLANT SPECIES**, in collaboration with the Romanian Academy – Iași Branch, Subcommission for Nature Monuments
Moderator: Professor Dr. Cătălin TĂNASE, M.C. Romanian Academy
Outdoor activity, at the Botanical Garden, in compliance with the norms provided by CNSU Decision no. 91 of 22.10.2021
- 09.00 – 10.00 **THE NEW EXHIBITION OF THE MUSEUM OF NATURAL HISTORY IN IAȘI: DIRECTIONS, STRATEGIES, PERSPECTIVES**
Moderator: Professor Dr. Ștefan Remus ZAMFIRESCU
- 10.00 – 11.00 **USING MOLECULAR MODELS FOR BETTER EDUCATION IN LIFE SCIENCES**
Moderator: Professor Dr. Habil. Marius MIHĂȘAN

Round table: *Pollution and Its Effects on Organisms*

in collaboration with the Romanian Academy - Iași Branch, Commission for Combating Environmental Pollution

- 11.00 – 12.00 **POLLUTION AND ITS EFFECTS ON ORGANISMS**
Moderators: Professor Dr. Ștefan Remus ZAMFIRESCU, Professor Dr. Habil. Mircea Nicușor NICOARĂ
PLASTICUL – POLUANT EMERGENT LA MAREA NEAGRĂ
Mircea Nicușor NICOARĂ, Alexandra SĂVUCĂ, Andrei STAN

Autumn Flowers Exhibition

“Anastasiu Fătu” Botanical Garden of Iași, 45th edition, dedicated to the 165th anniversary of the first botanical garden founding in Romania

- 11.00 – 16.00 Free individual visits, at the Botanical Garden, in compliance with the norms provided by CNSU Decision no. 91 of 22.10.2021



