

***The 4<sup>th</sup> Symposion of Ethnopharmacology  
with International Participation***

**ETHNOPHARMACOLOGY  
INTERFACE BETWEEN  
BIO FOODS AND PHYTOMEDICINES**

**21 June - 24 June 2011  
BRAȘOV - ROMANIA**



**SOCIETATEA ROMÂNĂ de ETNOFARMACOLOGIE**

**ROMANIAN SOCIETY OF  
ETHNOPHARMACOLOGY**

## CONFERENCE PROGRAM

<b>Tuesday 21.06.2011</b>	15:00 - 17:30	Arrival of participants, arrangement of posters (FAT - RP6)
	18:00 - 19:00	Pipe organ concert, Black Church, Brasov
	19:30 ...	Welcoming cocktail - Bistro Resaurant

<b>Wednesday 22.06.2011</b>	8:00 - 9:00	Arrival of participants, registration (FAT - RP6)
	9:00 - 9:30	Official opening of the symposium (FAT - RP6)
	9:30 - 11:00	<b>Plenary Sessions</b>
	11:00 - 11:30	Coffee break & products presentation - Apa Kangen
	11:30 - 13:00	<b>Oral Session 1</b> (FAT - RP6)
	13:00-14:00	Lunch - Bistro Resaurant
	14:00-15:30	<b>Oral Session 2</b> (FAT - RP6)
	15:30-16:00	Coffee break & products presentation - Nova Group
	16:00-18:00	<b>Oral Session 3</b> (FAT - RP6)
18:00-19:00	<b>Poster Session</b> (FAT)	
20:00 ...	Festive dinner - <i>Bistro</i> Resaurant	

<b>Thursday 23.06.2011</b>	08:30-09:30	Book release "Plantele în medicina populară românească", Constantin Drăgulescu (FAT - RP6)
	09:30-14:30	Visit to the medicinal plants collection INCDCSZ Brasov; Trip to Castle Bran, Ethnographicc Museum "Nicolae Fruntes" Sirnea; Field work with medicinal plants.
	14:30-16:00	Lunch - <i>Valea cu Strufl</i> Hotel - Restaurant, Irnea
	16:00-17:30	Conclusions of the IV-th Symposium; Projects for the future
	17:30 ...	Customs and traditions - "Sânziene", Dinner

<b>Friday 24.06.2011</b>	10:00-14:00	Visit of the historic city centre of Brasov
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**Conference location:** "Transilvania" University (UNIT) Braşov, Faculty of Food and Tourism (FAT), 148 Castelului Str., RP6 Room

<b>Plenary Sessions</b>		
<b>Chairmans - Angela MĂRCULESCU, Gheorghe OLTEANU</b>		
PL. 1	ETHNOPHARMACOLOGY, INTERFACE BETWEEN BIO FOODS AND PHYTOMEDICINES	Angela MĂRCULESCU
PL. 2	NATURAL RESOURCES IN ETHNOGASTRONOMY	Romulus GRUIA
PL. 3	DES NOUVELLES PERSPECTIVES THERAPEUTIQUES PAR LES HUILES ESSENTIELLES	Pierre FRANCHOMME
PL. 4	NATURAL FOOD SUPPLEMENTS TO IMPROVE LIPID METABOLISM WITH FAVORABLE EFFECTS ON VARIOUS FORMS OF DYSLIPIDEMIA	Ștefan MANEA
PL. 5	FROM OTHOMOLECULAR MEDICINE TO NUTRITIONAL SUPPLEMENTS	Ursula STĂNESCU, Clara APROTOSOAIE, Monica HÂNCIANU
PL. 6	DACIA PLANT - PRODUCT PORTFOLIO	Georgeta DEMETER
<b>Oral Session 1</b>		
<b>ECOLOGICAL RESOURCES OF MEDICINAL AND AROMATIC PLANTS. BIODIVERSITY. ETHNOBOTANY</b>		
<b>Chairmans - Oliviu G. POP, Dana Maria BOBIT</b>		
O. 1.1	THE PLANTS IN ROMANIAN FOLK MEDICINE	Constantin DRĂGULESCU
O. 1.2	QUANTITATIVE CHARACTERS, CONTENT AND CHEMICAL COMPOSITION OF THE ESSENTIAL OIL OF LAVANDULA ANGUSTIFOLIA MILL. F <sub>1</sub> POLICROSS HYBRIDS	Maria GONCEARIUC, Zinaida BALMUȘ, Violeta BUTNARAȘ, Svellana MAȘCOVȚEA
O. 1.3	WILD EDIBLE PLANTS SOLD IN THE LOCAL MARKETS OF IZMIR	Yunus DOGAN, Ilker UGULU, Nazmi DURKAN
O. 1.4	MEDICINAL PLANT COLLECTION - PRESENT AND FUTURE	Maria Dana BOBIT-Sorin Claudiu CHIRU, Victor DONESCU
O. 1.5	PRELIMINARY DATA ON SUBALPINE HEATS EVOLUTION UNDER THE PREDICTED CLIMATE CHANGE IN PIATRA CRAIULUI NATIONAL PARK (ROMANIA)	Oliviu Grigore POP, Marilena ONETE
O. 1.6	MEDICINAL AND AROMATIC PLANTS FROM LAMIACEAE FAMILY IN SPONTANEOUS FLORA OF THE REPUBLIC OF MOLDOVA	Nina CIOCĂRLAN
O. 1.7	CONSERVATION, MENTAINANCE AND CAPITALIZATION OF MEDICINAL AND AROMATIC PLANT SPECIES FROM THE COLLECTIONS OF THE BOTANICAL GARDEN, THE MOLDOVA REPUBLIC	Maricica COLTUN
O. 1.8	WESTERN NOSTALGIA FOR 'GENUINE' LANDSCAPE. CONSTRUCTING TRAVELLERS' GAZE ON HERBS THROUGH THEIR ROMANTIC MEANINGS	Simona BUCȘA, Angela MĂRCULESCU, Oliviu G. POP
<b>Oral Session 2</b>		
<b>TECHNOLOGICAL AND LABORATORY STUDIES. BIOLOGICALLY ACTIVE SUBSTANCES. MONOGRAPHS. ROW MATERIALS</b>		
<b>Chairmans - Dumitru LAZURCA, Elvira GILLE</b>		
O. 2.1	CONTROLLED CULTIVATION OF MEDICINAL MUSHROOMS BY SUBMERGED FERMENTATION	Marian PETRE, Alexandru TEODORESCU
O. 2.2	MEAL SEEDS AND SEED-RICH SOURCES OF PLANT LIPASES	Andreea COZEA, Viorica TAMAȘ, Gabriel IVOPOL

O. 2.3	ANTIOXYDANT EFFECT OF SOME GENISTELLA SAGITTALIS AND GENISTA TINCTORIA EXTRACTS	Daniela HANGANU
O. 2.4	THE POTENTIAL PHARMACOLOGICAL VALUE OF SOME SPECIES OF DIANTHUS GENUS	Marițena ONETE, Oliviu G. POP
O. 2.5	INFLUENCE OF ROSMARINUS OFFICINALIS, THYMUS SERPHILLUM, LAVANDULA OFFICINALIS ESSENTIAL OILS ON BIOMASSE ACUMULATION IN SOLANUM TUBEROSUM L. AND NICOTIANA TABACUM HEALTHY AND INOCULATED PLANTS WITH POTATO VIRUS Y (PVY)	Carmen Lilișana BĂDĂRĂU, Florentina DAMȘA, Angela MĂRCULESCU, Nicoleta CHIRU
O. 2.6	THE INFLUENCE OF AN ORGANIC ADDITIVE ON THE SLOW GROWTH OF THE CRYSTALLINE NETWORK OF COPPER CHLORIDE - THE SENSITIVE CRYSTALLIZATION METHOD	Cristina CÎMPEAN, Cornel HOȚIU
O. 2.7	USING ARTIFICIAL COLD FOR DRYING VEGETABLE PRODUCTS AT LOW TEMPERATURES	Alexa Nicolae ORMENIȘAN
O. 2.8	ISSUES REGARDING THE BERRIES' DECONTAMINATION USING ULTRAVIOLET RADIATION	Cristina FLOREA, Gh. BRĂTUȚU
<b>Oral Session 3</b> <b>BIO FOOD AND PHYTOMEDICINES. ETHNOGASTRONOMY. FITOTHERAPY.</b> <b>AROMATHERAPY. PHYTICOSMETICS</b> <b>Chalmans - Viorica TAMAȘ, Daniela HANGANU,</b>		
O. 3.1	THE BENEFICIAL EFFECTS OF AQUEOUS AND ETHANOLIC EXTRACT OF MELISSA OFFICINALIS (LEMON BALM) ON PTZ INDUCED EPILEPTIFORM SEIZURE IN NORMALIZED WISTAR RAT	Morteza BEHNAM-RASSOULI, Mohammadbagher GHAYOUR, Nargess GHAYOUR
O. 3.2	GEMMOTHERAPY IN MODERN HUMAN HEALTH	Anca Daniela RAICIU
O. 3.3	ANTIPROLIFERATIVE AND IMMUNOMODULATORY EFFECTS OF MISTLETOE ALCOHOLIC EXTRACT - VISCUM ALBUM L.	Bogdan SEVASTRE, Daniela HANGANU, Neli Kinga OLAH, Orsolya SÁRPATAKI, Marian TAULESCU, Radu MĂNĂLĂCHIOAE, Ioan MARCUS, Cornel CĂTOI
O. 3.4	FUNGUS OF GOD -MYTH OR REALITY?	Lilișana ȘTEFURA
O. 3.5	NEW FORMULAS AND FORMS OF PREZENTATION FOR SOME FOOD SUPPLEMENTS WITH POZITIVE EFFECTS FOR THE HEALTH	Ștefan MANEA, Natalia BORDEI, Viorica TAMAȘ, Andreea COZEA, Daniela BELALA
O. 3.6	HERACLEUM SPHONDYLIIUM AND GERANIUM ROBERTIANUM USED INTO A TREATMENT OF A DEPRESSION CASE (MEDIUM PHASE) ASSOCIATED WITH ERECTILE DYSFUNCTION	Daniela Ileana VASILE, Loredana Cornelia POPESCU, Iuliana MĂRCESCU
O. 3.7	NOUVELLES RECHERCHES POUR OBTENIR LES COSMÉTIQUES SOINS & BEAUTE A BASE D'HUILES VEGETALES RICHES EN OMEGA 3 ET OMEGA 6	Ștefan MANEA, Viorica CARABELA, Viorica TAMAȘ, Georgeta ALEXANDRU, Angela MĂRCULESCU, Mariana POPESCU
O. 3.8	NATURAL REGENERATION THROUGH THE USE OF PLANT EXTRACT IN COSMETOLOGY	Ioana-Adina OANCEA
O. 3.9	RESEARCH RESULTS IN THE ETHNOFARMACOLOGY FIELD AND HIS UTILIZATION	Ion LAZAROIU
O.3.10	THE COLON DETOXIFICATION	Daniela Ileana VASILE, Mihai MINOIU, Iuliana MĂRCESCU

Poster Session		
P. 1	STUDY ON OPTIMAL PARAMETERS FOR EXTRACTING PHYTOTHERAPEUTIC SUBSTANCES FROM THE <i>CRATAEGUS MONOGYNA</i> FRUIT	Ștefan MANEA, Viorica TAMAȘ, Mihaela NEAGU, Liliiana CRUCEANU, Daniela BELALA, Andrei BUNACIU, Mariana POPESCU
P. 2	THREATENED <i>AMARYLLIDACEAE</i> J. ST.-HIL. SPECIES FROM SPONTANEOUS FLORA OF REPUBLIC OF MOLDOVA: CONSERVATION AND SUSTAINABLE USE	V. GHENDOV, Nina CIOCĂRLAN, Tatiana SÎRBU
P. 3	ETHNOBOTANICAL STUDY OF MEDICINAL FLORA USED BY THE PEOPLE OF THE FOREST OF EL HAOURANE - M'SILA - (ALGERIA)	M. SARI, N. HENDEL, D. SARRI, A. BOUDJELAL, A. BENKHALED
P. 4	STUDIES ON CAPITALIZATION OF GENETIC RESOURCES WITH ENVIRONMENTAL AND ECONOMIC IMPACT ON <i>VERONICA</i> SPECIES	Doina DĂNILA, Camelia ȘTEFANACHE, Elvira GRILLE, R. NECULA, Catalina DRUTU
P. 5	CAPITALIZATION AND CONSERVATION BY CONVENTIONAL AND UNCONVENTIONAL TECHNIQUES FOR <i>NEPETA</i> SPECIES	Camelia ȘTEFANACHE, Doina DĂNILA, R. NECULA, Elvira GRILLE, Marcela FĂLTICEANU
P. 6	ETHNOBOTANICAL VIEW TO ASIAN MEDICINAL PLANTS IN BULGARIA: TRADITIONAL KNOWLEDGE AND MODERN TREND	Anely NEDELEKEV
P. 7	MEDICINAL PLANTS -RESEARCH OPPORTUNITIES FOR IN SITU AND EX SITU CONSERVATION	Maria Mihaela ANTOFIE, Camelia SAND, Angela MĂRCULESCU
P. 8	MEDIEVAL CHURCHYARDS IN AN INTENSIVELY FARMED ARABLE LANDSCAPE: REFUGIA FOR MEDICINAL PLANTS	J. Owen MOUNTFORD, Jonathan J. GRAHAM, Nigel S. COOPER
P. 9	RESEARCHES ON THE CHEMICAL COMPOSITION OF SOME <i>CRATAEGUS</i> SPECIES INCLUDING FRUIT, LEAVES AND MISTURE OF FLOWERS, LEAVES AND FRUIT	Viorica TAMAȘ, Liliiana CRUCEANU, G. IVOPOL, M. NEAGU, Angela MĂRCULESCU
P. 10	TECHNOLOGY OF DRYING THE MEDICINAL PLANTS DESIGNED TO IMPROVING THE USEFUL VEGETAL MATTER QUALITY	Adriana MUSCALU, Marin MIHAL, Valentin VLĂDUȚ, Alina DUNE
P. 11	PRIMARY PROCESSING TECHNOLOGY FOR MEDICINAL AND AROMATIC PLANTS AIMED AT PRESERVING THEIR THERAPEUTIC QUALITIES AND EFFICIENTLY CAPITALIZING THEM	I. VOICEA, A. DANGIU, POSTELNICU E., A. MUSCALU, V. VLĂDUȚ, M. MATACHE, A. POP, C. FLOREA
P. 12	CONTRIBUTIONS TO THE PHYTOCHEMICAL STUDY OF SOME SAMPLES OF <i>AJUGA REPTANS</i> L. AND <i>AJUGA GENEVENSIS</i>	Georgiana GHITA, Oana CIOANCA, Elvira GILLE, Radu NECULA, Ursula STANESCU
P. 13	CONTRIBUTIONS TO THE STUDY OF THE CHEMICAL VARIABILITY OF THE POLYPHENOLS EXISTING IN 8 <i>THYMUS PULEGIOIDES</i> POPULATIONS FROM THE NORTHERN MOLDAVIA	Radu NECULA, Clara APROTOSOAIE, Elvira GILLE, Oana CIOANCA, Ursula STANESCU
P. 14	PHYTOTHERAPEUTIC INTERMEDIARIES FOR "LIPOSAN" PRODUCT	Luminița TCACENCO, Viorica TAMAȘ, Elena BERTEANU
P. 15	HEALER VERSUS POISONOUS - THE IMPORTANCE OF THE COLLECTING SITES OF MEDICINAL HERBS	Marilena ONETE
P. 16	ORIGINAL METHOD FOR TESTING POTATOES VIRUSES IMMEDIATELY AFTER HARVEST. THE INFLUENCE OF SAMPLE PREINCUBATION MODALITY ON THE SAFETY OF ELISA TEST FOR PLRV	Carmen Liliiana BĂDĂRĂU, N. COJOCARU, Florentina DAMȘA, Maria IANȘI
P. 17	ALIEN INVASIVE PLANT SPECIES - AN IMPORTANT THREAT FOR THE MEDICINAL AND AROMATIC PLANTS IN ȘINCA NOUA AND ȘERCAIA COMMUNES (ROMANIA)	Oliviu G. POP, Angela MĂRCULESCU, Romulus GRUIA

P. 18	BIOLOGICAL ACTIVITY OF ESSENTIAL OILS FROM <i>ZINGIBER OFFICINALE</i> AND <i>ANGELICA ARCHANGELICA</i> PLANTS	Gilles BEDOUX, Horia Andrei CEAPRAZ, Christel MARTY, Catherine MAINGUY, Marie-France BEDOUX, Alexis LEJEUNE, Nathalie BOURGOUNON, Angela MĂRCULESCU
P. 19	ANTIOXIDANT ACTIVITY OF <i>NIGELLA SATIVA</i> VOLATILE OIL FROM DIFFERENT ORYGIN	Claudia-Crlna TOMA, Ramona CĂMPEANU, Sonia SOCACI, Daniela HANGANU, Neli-Kinga OLAH
P. 20	CHROMATOGRAPHIC AND SPECTRAL SCREENING OF ACTIVE COMPOUNDS FROM DIFFERENT <i>ROSMARINUS OFFICINALIS</i> L. EXTRACTS	Neli K. OLAH, Ramona CĂMPEAN, Sonia SOCACI, Daniela HANGANU, Claudia C. TOMA, Codruța COBZAC
P. 21	CONTRIBUTIONS TO THE STUDY OF INDIGENOUS SPECIES <i>PRUNELLA VULGARIS</i> L. FROM ROMANIA	Adrian IONESCU, Cristina LUNGU, Aurel VLASE, Lăcrămioara MOISUC, Ionuț COJOCARU
P. 22	STUDIES TO OPTIMIZE CONDITIONS FOR <i>SPIRULINA PLATENSIS</i> CULTIVATION IN RECI COMMUNE, COVASNA COUNTY	Afina BARBARASA, Oliviu G. POP
P. 23	"LET THY FOOD BE THY MEDICINE AND THY MEDICINE BE THY FOOD"	Gabriel ALDEA
P. 24	ASSESEMENT OF ANTIOXIDANT ACTIVITY OF SOME VEGETAL ACTIVE PRINCIPLES	Doina Paula BALABAN, Mihaela BAS
P. 25	PHYTOTHERAPY IN LIPOMA - CASE REPORT	Anca CIOLTAN
P. 26	ENZYMATIC KIT EnzyPlus (BIOCONTROL) USED FOR ANALYSIS OF L ASCORBIC ACID AND STARCH CONTENT IN FOOD	Carmen Liliana BĂDĂRĂU, Angela MĂRCULESCU, Iulian BENCHEA, Claudiu BÎLCU
P. 27	COMPARATIVE ANALYSIS REGARDING THE L - ASCORBIC ACID CONTENT OF THE CRANBERRY FRUITS ( <i>VACCINUM VITIS IDAEFA</i> ) AND THE FIR BUDS (PLANTS AND JUICES FROM MARKET)	Carmen Liliana BĂDĂRĂU, Angela MĂRCULESCU, Oliviu G. POP, Doinița Constanța CALEFARIU, Georgiana COLȚEA
P. 28	DETERMINATION OF SPECIES-AREA CURVE IN THE STUDY OF BIODIVERSITY	Aliona-Mihaela SAVA
P. 29	STUDY OF THE BIOLOGICAL PECULIARITIES OF SOME GENETIC RESOURCES FROM THE GERMOPLASM COLLECTION OF THE <i>VALERIANA OFFICINALIS</i> L. SPECIES (VALERIAN)	Maria Dana BOBIȚ
P. 30	ISSUES REGARDING QUALITY CONTROL OF THE MEDICINAL PLANTS' RAW MATERIALS	Cristina FLOREA
P. 31	OPTIMIZATION OF THE FRUITS AND VEGETABLES DRYING PROCESS THROUGH REAL-TIME PARAMETERS CONTROL	Nicolae ȚANE
P. 32	PLANT FOOD SUPPLEMENTS: LEVELS OF INTAKE, BENEFIT AND RISK ASSESSMENT	Patrizia RESTANI, Marinella TROVATO, Luca BUCCHINI, Mihaela BADEA, Angela MĂRCULESCU
P. 33	LA FETE DE SÂNZIENENE ET LES PLANTES DE ȘIRNEA	Angela MĂRCULESCU, Gheorghe OLTEANU, Constantin DRĂGULESCU, Victor DONESCU