

## Proiect ARMOREC, Nr. 74/2014, Etapa 2 – 2015

**Elaborarea modelului functional de valorificare sustenabila a diversitatii genetice si fitochimice a populatiilor naturale si culturilor experimentale de *Arnica montana* L. din nordul Carpatilor Orientali**

### DISEMINAREA REZULTATELOR

#### PARTICIPARI CONFERINTE

##### I. Nationale

1. Sesiunea de Comunicari Stiintifice “D. Brandza”, organizata in cadrul Facultatii de Biologie si Gradinii Botanice “D. Brandza” ale Universitatii din Bucuresti, 7 noiembrie 2015, Bucuresti, Romania.

##### II. Internationale

1. A 10-a Editie a Simpozionului International PESD – Present Environment & Sustainable Development, 5 - 7 iunie 2015, Iasi, Romania.
2. 63<sup>rd</sup> International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA2015), 23-27 august 2015, Budapesta, Ungaria.
3. 2<sup>nd</sup> International Conference on Natural Products Utilization: from Plants to Pharmacy Shelf, 14 – 17 octombrie 2015, Plovdiv, Bulgaria.
4. XVIII<sup>th</sup> International Conference “Physical Methods in Coordination and Supramolecular Chemistry”, Academy of Sciences of Moldova, 8-9 octombrie 2015, Chisinau, Republica Moldova.

#### PARTICIPARI WORKSHOP-URI

##### I. Nationale

1. Workshop cu tematica referitoare la conservarea speciilor de plante medicinale, Targu Mures, 10-11 noiembrie 2015 in cadrul Gradinii Botanice a Universitatii de Medicina si Farmacie.

##### II. Internationale

1. International Workshop “Food Chemistry & Engineering”, Universitatea Ovidius, Constanta, Romania, 15 mai 2015.

#### COMUNICARI

##### I. Comunicari orale

1. Deleanu C., “NMR spectroscopy in food sciences”, International Workshop “Food Chemistry & Engineering”, Universitatea Ovidius, Constanta, Romania, 15 mai 2015. *Conferinta Plenara, Book of Abstract*, pp. 6.
2. Mardari Constantin, Tanase Catalin, Danila Doina, Birsan Ciprian, Balaes Tiberius, Stefanache Camelia. ”Asociatii vegetale cu *Arnica montana* in partea central-nordica a Carpatilor Orientali“, Sesiunea de Comunicari Stiintifice “D. Brandza”, Bucuresti, 7 Noiembrie 2015, organizata in cadrul Facultatii de Biologie si Gradinii Botanice “D. Brandza” ale Universitatii din Bucuresti, *Volum de rezumate*.

##### II. Comunicari poster

1. Stefanache C., Danila D., Grigoras V. “Comparative study on the bioproductivity of *Arnica montana* L. root and rhizome samples from the northern area of the Romanian Eastern Carpathians“, 63<sup>rd</sup> International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA2015), 23-27 august 2015, Budapesta, Ungaria, *Planta Medica*, 81(16):XXX, (DOI: 10.1055/s-0035-1565827).
2. Stefanache C., Trifan A., Danila D., Miron A. “Comparative assessment of polyphenolic content and antioxidant capacity of *Arnica montana* L. samples differentiated on organ types from wild populations in the Romanian Eastern Carpathians“, 63<sup>rd</sup> International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA2015), 23-27 august 2015, Budapesta, Ungaria, *Planta Medica*, 81(16):XXX, (DOI: 10.1055/s-0035-1565813).

3. Stefanache Camelia P., Tanase Catalin, Grigoras Valentin, Apostol Liviu, Schiopu Rares, Danila Doina. "Synthesis and accumulation of the phenolic compounds in *Arnica montana* L. species under the pedo-climatic conditions of the northern area of the Romanian Eastern Carpathians", A 10-a Editie a Simpozionului International PESD – Present Environment & Sustainable Development, 5 - 7 iunie 2015, Iasi, Romania, *Book of Abstracts*.
4. Stefanache Camelia P., Wolfram Evelyn, Danova Kalina, Trifan Adriana, Danila Doina. "A review of the antiinflammatory and antitumor potential of *Asteraceae* species", 2<sup>nd</sup> International Conference on Natural Products Utilization: from Plants to Pharmacy Shelf, 14 – 17 octombrie 2015, Plovdiv, Bulgaria, *Book of Abstracts*, pp. 291.
5. M. Ciobanu, C. Stavarache, M. Deleanu, G. Ailiesei, L. Barbes, A. Nicolescu, C. Deleanu, "NMR fingerprinting and discrimination of vegetal juices", International Workshop "Food Chemistry & Engineering", Universitatea Ovidius, Constanta, Romania, 15 mai 2015. *Book of Abstract*, pp. 28.
6. A. Nicolescu, M. Balan, M. Ciobanu, C. Stavarache, G. Ailiesei, D. Danila, C. P. Stefanache, M. Sillion, A.-M. Macsim, A. Ciocarlan, C. Deleanu, "NMR metabolic fingerprinting of some plants and fruits", The XVIII-th International Conference "Physical Methods in Coordination and Supramolecular Chemistry", Academy of Sciences of Moldova, Chisinau, R. of Moldova, 8-9 octombrie 2015, *Book of Abstracts*, pp. 31

## ARTICOLE

### I. In reviste cotate ISI:

1. Stefanache C. P., Peter S., Meier B., Danila D., Tanase C., Wolfram E., 2014, Phytochemical composition of *Arnicae flos* from wild populations in the northern area of the Romanian Eastern Carpathians. *Revista de Chimie*, 66(5):784-787.

### II. In reviste indexate in baze de date internationale recunoscute (BDI):

1. Ailiesei G. L., Ciobanu M., Balan M., Stavarache C., Barbes L., Nicolescu A., Deleanu C., 2015, NMR detected metabolites in complex natural fluids. Quinic acid in apple juice, *Ovidius Univ. Annals Chem.*, 26 (2), XXX (doi: 10.2478/auoc-2015-0009 ).
2. Mardari Constantin, Danila Doina, Birsan Ciprian, Balaes Tiberius, Stefanache Camelia, Tanase Catalin, 2015, Plant communities with *Arnica montana* in natural habitats from the Central Region of Romanian Eastern Carpathians, *Journal of Plant Development* (acceptat spre publicare).