

Project executant – CİCANCİ Alexandra

1. Date and place of birth: 16.01.1984, mun.Cahul, the Republic of Moldova.

2. Relevant studies for the project:

Institution	The State University of Moldova, Faculty of Chemistry and Chemical Technology	The Academy of Sciences of Moldova, The Institute of Chemistry
Perioada	2002 – 2006	2006 – 2011
Grade obținute	Tehnolog in chemical technology	PhD in chemistry

3. Place of work and function: Cahul State University "Bogdan Petriceicu Hasdeu", Faculty of Economics, Engineering and Applied Sciences, Department of Engineering and Applied Sciences, university lecturer.

4. Research interests and activities relevant to the project

(a) development of physicochemical analytical methods for the identification and quantification of bioactive compounds (polyphenols, flavonoids, anthocyanins, organic acids, glycosides) from plant products and their by-products;

(b) Characterization of extracts and powders obtained from food by-products through analytical determinations required for assessing the nutritional, functional, and antioxidant value of the newly developed food products.

5. Publications: 20 scientific papers, of which 4 papers in ISI journals cu impact factor, 38 of bibliographic references, Hirsch index $h = 3$ in Google Academic.

6. Relevant published papers selected for project activities

- **Marchenko, A.**; Piacente, S.; Kintia, P.; Pizza, C.; Mashchenko, N.; Bassarello, C. Phenylethanoid and iridoid glycosides from *Veronica chamaedrys* L. In: *Chemistry Journal of Moldova*. 2008, nr. 2 (3), pp. 101-104. <http://www.cjm.asm.md/phenylethanoid-and-iridoid-glycosides-from-veronica-chamaedrys-l>
- Mashchenko, N.; Kintia, P.; Gurev, Angela; **Marchenko, A.**; Bassarello, C.; Piacente, S.; Pizza, C. Glycosides from *Linaria vulgaris* mill. In: *Chemistry Journal of Moldova*. 2008, nr. 2 (3), pp. 98-100. ISSN 1857-1727. <http://www.cjm.asm.md/glycosides-from-linaria-vulgaris-mill>
- **Marchenko, A.**; Kintia, P.; Wyrzykiewicz, B. Steroidal glycosides from *Veronica chamaedrys* L. plants. The structures of chamaedrosides A, B, C and E. In: *Chemistry Journal of Moldova*, 2010, nr. 2 (5), p. 54–58. <http://www.cjm.asm.md/steroidal-glycosides-from-veronica-chamaedrys-l-plants-the-structures-of-chamaedrosides-a-b-c-and-e>
- **Marchenko, A.**; Kintya, P.; Wyrzykiewicz, B.; Gorincioi, E. Steroidal glycosides from *Veronica chamaedrys* L. Part I. The structures of chamaedrosides C, C₁, C₂, E, E₁ and E₂. In: *Natural Product Communications*. – 2012. – Vol. 7. – No. 5. – pp. 565 – 568. <https://doi.org/10.1177/1934578X1200700504>.