

EUROPEAN CURRICULUM VITAE

PERSONAL INFORMATION

Name
Address

Telephone
Fax
E-mail

Nationality

Date of birth

PETCU ELENA
NATIONAL AGRICULTURAL RESEARCH AND DEVELOPMENT
INSTITUTE FUNDULEA
N. TITULESCU 1, 915200 FUNDULEA, CALARASI, ROMANIA
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petcue@ricic.ro; petcu_elena@yahoo.co.uk

Romanian

08 September 1961

WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer
- Type of business or sector
- Occupation or position held
 - Main activities and responsibilities
- Dates (from – to)
- Name and address
- Type of business or sector
- Occupation or position held
 - Main activities

From 1989 to present

National Agricultural Research & Development INSTITUTE (NARDI) –
Fundulea, Calarasi
Research

Head of Plant Physiology Laboratory (from 1999), senior researcher (from
Research in topics of the abiotic plant resistance, hibridization for sunflower
with wild species, screening for broomrape resistance, yield formation

From 1986 to 1989

Agricultural Co-operative Spantov, Calarasi
Agricultural
Farm manager
Cereal and tehcnical crops production

EDUCATION AND TRAINING

- Dates (from – to)
- Name and type of organisation
- Principal subjects
- Dates (from – to)
- Name and type of organisation
- Principal subjects
- Title of qualification awarded
 - Level in national classification
- Dates (from – to)
- Name of organisation
- Principal subjects
- Title of qualification awarded
- Dates (from – to)
- Name of organisation
- Principal subjects

2007

Udine Agricultural University, Italy

Training “methods for determination of the fusarium infection in cereals seeds”

1995-1999

Bucharest University, Biology Faculty, Romania

Plant Physiology

Doctor in biology

PhD

1998 (three months)

Bonn Agricultural University, Germany

DAAD felowship “methods for faty acid determination”

1981 – 1985

University of Agronomic Science and Veterinary Medcine, Bucharest, Romania
Faculty of Agriculture

- Title of qualification awarded
- Level of classification

**PERSONAL SKILLS
AND COMPETENCES**

MOTHER TONGUE

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

- Reading skills
- Writing skills
- Verbal skills

**SOCIAL SKILLS
AND COMPETENCES**

**ORGANISATIONAL SKILLS
AND COMPETENCES**

**TECHNICAL SKILLS
AND COMPETENCES**

ADDITIONAL INFORMATION

Diplomat engineer
Engineer

ROMANIAN = EXCELLENT

ENGLISH

Good
Good
Good

FRENCH

Good
Good
Good

Facilitation and networking skills

Manager of two national research projects (Relansin 1074; PNCD II 51044), one CNCSIS grant (no.271), three bilateral collaboration project (two of them with Greece and last ones with Hungary and Serbia)

- Computer
- Working with spectrophotometer, GS, electrophoresis
- Design and statistic analyses of the experiments

Membership of professional bodies :

- National representative of Federation of European Society of Plant Biology

Publications:

86 publications, including 2 books: "Impact of climatic changes of plants: drought", 2008, Ed. Dominor

"Practical Guide for wheat, maize and sunflower crops", 2008, Ed. Dominor.

Selected papers

Petcu Elena, Schitea Maria, Drăgan Lenuța. 2014. The effect of water stress on stomatal resistance and chlorophyll fluorescence and their association with alfalfa yield. Rom. Agr. Research., 31, 114 -119. Print ISSN 1222-4227; Online ISSN 2067-572

I. Karsai,Gy. Vida S., Petrovics, **E. Petcu**, B. Kobiljski , S. Ivanovska, Z. Bedo, O. Veisz. 2011. Assessment of the spatial genotypic and phenotypic diversity present in the various winter wheat breeding programs in Southeast Europe. Euphytica online, pp: 1-13. DOI 10.1007/s10681-011-0510-2.

Petcu Elena. 2005. The effect of water stress on cuticulat transpiration and relationships with winter wheat yield. Rom. Agr. Res., 22: 15-19, ISSN 1222-4227 (print), ISSN 2067-5720 (on line). Factor de impact în 2009: 0.367.

Petcu, E., Schitea, M., Badea, D. 2006. The response of some Romanian alfalfa genotypes to soil acidity. Rom. Agr. Resch. 23:25-29, ISSN 1222-4227 (print), ISSN 2067-5720 (on line). Factor de impact în 2009: 0.367.

Petcu, E., Schitea, M., E. V. Cârstea. 2009. The effect of water stress on cuticular transpiration and its association with alfalfa yield. Rom. Agr. Res. 26: 25-28, ISSN 1222-4227 (print), ISSN 2067-5720 (on line). Factor de impact în 2009: 0.367.

Petcu, E., Băbeanu, N., Popa, O., Partal, E., Pricop, S. 2010. Effect of planting date, plant population and genotype on oil content and fatty acid composition in sunflower. Rom. Agr. Res. 27: 53-59, ISSN 1222-4227 (print), ISSN 2067-5720 (on line). Factor de impact în 2009: 0.367

Bănică, C., **Petcu, E.**, Giura, A., N.N. Săulescu. 2008. Relationship between genetic differences in the capacity of osmotic adjustment and other physiological measures of drought resistance in winter wheat (*Triticum aestivum* L.). Rom. Agr. Res., 25: 7-13. ISSN 1222-4227 (print), ISSN 2067-5720 (on line). Factor de impact în 2009: 0.367.

Research projects: 6 (Director), 1 (Partner responsible)

Brevets: 8 (winter wheat cultivars)