



Curriculum vitae
Europass

PERSONAL INFORMATION

Surname / Name

Contact address



TĂNASE Cătălin

“Alexandru Ioan Cuza” University of Iași
Faculty of Biology
Laboratory of Mycology and Phytopathology
700505, IAȘI, 20A Carol I Street

PLACE OF WORK / WORKING DOMAIN

Since 1992 at “Alexandru Ioan Cuza” University of Iași, Faculty of Biology, Laboratory of Mycology and Phytopathology, didactic and scientific research activity.

PROFESSIONAL EXPERIENCE

Since 2008, professor, “Alexandru Ioan Cuza” University of Iași, Faculty of Biology;
Since 2007, Director of “Anastase Fatu” Botanical Garden of Iași;
2002–2008: reader, “Alexandru Ioan Cuza” University of Iași, Faculty of Biology;
1996–2002: lecturer, “Alexandru Ioan Cuza” University of Iași, Faculty of Biology;
1992–1996: assistant, “Alexandru Ioan Cuza” University of Iași, Faculty of Biology;
1989–1992: biologist, “Dunărea de Jos” University of Galați, Faculty of Alimentary Products Technology and Chemistry;
1988–1989: Biology teacher, “Babeș-Bolyai” University of Cluj-Napoca, Faculty of Biology;
1985–1988: teacher (Biology and Chemistry), at General School no. 5, Sighetu Marmatei, Maramureș County.

MAIN ACTIVITIES AND RESPONSIBILITIES

DIDACTIC ACTIVITY

Titular of the following disciplines at “Alexandru Ioan Cuza” University of Iași, Faculty of Biology:
Biodiversity conservation, courses and tutorial – Master Program: Ecosystems Biodiversity and Productivity;
Management of protected areas, courses and tutorial – Master Program: Ecosystems Biodiversity and Productivity;
Organization and evolution in the living world, courses and tutorial – Master Program: Development biology;
Principles of ecotourism, courses and tutorial – Master Program: Environment advisory;
Sistematics of cryptogams, courses – Licence Program: Biology;
Mycology, courses and practicals – Licence Program: Ecology and Environment Protection;
Phytopathology, curs și lucrări practice – Licence Program: Biology;
Biology and ecology of vegetal parasites, optional course – Licence Program: Ecology and Environment Protection;
I have published 12 books, 4 chapters in volumes and 4 university courses. In 2008, I received *Emanoil Teodorescu Prize* of the Romanian Academy, for the book *Concepte actuale în taxonomia ciupercilor (Actual concepts in fungi taxonomy)*, published by “Alexandru Ioan Cuza” University Press.

RESEARCH ACTIVITIES

Since 2009, *PhD coordinator* in Fundamental Domain *Sciences of Nature, Biology Domain, Speciality of Botanic*.
Mycology: taxonomy, ecology and chorology of fungi;
Phytopathology: structural, physiological and biochemical modifications, produced by pathogen fungi;
Mycotoxicology: contamination with nitrites, sulphites, heavy metals, radionuclids of some macromycete species;
Plant/fungi diversity conservation: monitoring some species included in Appendix I of *Bern Convention* and in *Directiva Habitats*;
National red list of macromycete species.

Single-author / coauthor in 160 scientific papers published in specialty reviews in the outside country (*Journal of Thermal Analysis and Calorimetry, Letters in Drug Design & Discovery, Annals of Microbiology, Journal of Radioanalytical and Nuclear Chemistry, Mycologia Balcanica, Natura Montenegrina, Folia Geobotanica, The European Physical*

	<p><i>Journal - Applied Physics, European Journal of Drug Metabolism and Pharmacokinetics</i>) and the country (<i>Digest Journal of Nanomaterials and Biostructures, Environmental Engineering and Management Journal, Journal of Optoelectronics and Advanced Materials, Materiale plastice, Romanian Journal of Biochemistry, Revista de Chimie, Revue Roumaine de Chimie, Cellulose Chemistry and Technology, Journal of Plant Development, Contribuții Botanice, Revue Roumaine de Biologie, série de Biologie Végétale, Memoriile Secțiilor Științifice ale Academiei Române, Analele Științifice ale Universității „Alexandru Ioan Cuza” din Iași, s.II a. Biologie Vegetală, Acta Horti Botanici Bucurestiensis</i>).</p>
	<p>I have participated in the elaboration of 3 invention patent acts. In 2009 I won the Patent Act no. 122528 (<i>Depollution and Stabilization Procedure of Height Dumps</i>), <i>Diploma and Silver Medal</i>, in <i>The World Exhibition of Invention, Research and Industrial Innovation</i>, INNOVA–EUREKA (Bruxelles, Belgia), <i>Diploma and Gold Medal</i>, in the 13th edition of the International Salon of Inventions, <i>Scientific Research and New Technologies, INVENTIKA 2009</i> (Bucharest), <i>Diploma and Gold Medal with with mention</i>, in the 13th International Salon of Research, Innovation and Technological Transfer <i>INVENTICA 2009</i> (Iași).</p>
	<p>I have won and coordinated 15 research projects, of more than 1.300.000 Euro (for the project BIOTECH no. 128: <i>Ecological reconstruction using mycoremediation methods for soils degraded by mining activities</i>, I received <i>Excellence Diploma and Silver Medal</i> in the 12th International Salon of Research, Innovation and Technological Transfer <i>INVENTICA</i>, Iași, 2008). I have collaborated in 25 projects for some research themes with internal and external financial support.</p>
	<p>2004–2008, Member in <i>Committee no. 4 (Sciences of Life and Earth)</i> in Romanian National Council of Scientific Research of Higher Education.</p>
EDUCATION AND FORMATION	<p>Since 1998, PhD in Biology, Speciality of Botany, Fundamental Domain <i>Sciences of Nature, Biology Domain</i>; Title of the PhD thesis presented at “Alexandru Ioan Cuza” University of Iași, Faculty of Biology: <i>Cercetări sistematice și ecologice asupra micromicetelor din Masivul Rarău (Systematic and ecologic research upon the micromycetes from Rarău massive)</i>;</p> <p>1993–1996: PhD internship in the Faculty of Biology, “Alexandru Ioan Cuza” University of Iași;</p> <p>1981–1985; 1990-1992: “Alexandru Ioan Cuza” University of Iași, Faculty of Biology.</p>
Postuniversity specializations	<p>2000, Specialization in <i>Database, Mapping and phytodiversity conservation</i>, JEP_UM 14030 Tempus Scholarship, in the National Botanic Mediterranean Conservatory of Porquerolles (France);</p> <p>1993, Faculty of Biology, University of Bucharest, specialization course in Mycology.</p>
Residential courses/Visiting professor	<p>2001, Visiting professor at the University of Vigo (Spain);</p> <p>1998, Laboratory of Mycotoxicology, <i>Sophia Antipolis</i> Faculty of Sciences, Nisa (France);</p> <p>1998, National Botanic Mediterranean Conservatory of Porquerolles (France);</p> <p>1996, Natural History Museum, Aix-en-Provence (France);</p>
Participations in mycological/botanical applications outside the country	<p>French Central Massive, 2010, 2006, 2002, 1998 and 1996; 2010, 1998 and 1996: Regional Naturel Parc of Vercors, (France); 2009: Nuukio National Park, Haukkalampi (Finlanda); Karelia Istm (Rusia), 2007; Trebonsko Biosphere Rezervation (Czech Republic), 2005; Pirinees National Park (France), 2005; Maritim Alps (France), 2005, 2003, 1998 and 1996; Vall d’Uixo-Chovar Natural Rezervation (Spania), 2004; Apenine Mountains (Italy), 2004; Chamonix (Mont-Blanc Massive), 2004; Maures Massive (France), 2003, 2000, 1998, and 1996; Pedikiul Mountains (Ukraine), 2003; Laghestel di Pine Natural Park (Alps Mountains, Italy), 2002; Porquerolles Isle (France) 2000 and 1998; Mercantour National Park (France), 2003; <i>Codrii</i> Rezervation, Lozova (Republic of Moldova) 2001, 1998 and 1996; Pirinees National Park (Spain), 2001; Regional Natural Park Luberon (France) 1998 and 1996; Saint Baume Mountains (France); 1996; Saint Victoire Mountains (France), 1996.</p>
Personal competences	<p>Maternal language: <i>Romanian</i>;</p> <p>Foreign language(s): <i>French</i> (reading: very good; writing: good; speaking: good).</p>
Social competences	<p>Part of the instructive-educative process. Participation as president / member in evaluation,</p>

Organising competences	<p>selection, promoting didactic staff or research committees at “Alexandru Ioan Cuza” University of Iași, University of Bucharest, “Babeș-Bolyai” University of Cluj-Napoca, „Ovidius” University of Constanța, „Dunărea de Jos” University of Galați, University of Craiova, and other institution in the country.</p> <p>Since 2012, Vice-Rector of „Alexandru Ioan Cuza” University of Iași; Since 2012, Member in the Executive Board of „Alexandru Ioan Cuza” University of Iași; Since 2008, Vice-President of the <i>Romanian Association of Botanic Gardens</i>; Since 2008, Vice-President of the Society of Biological Sciences of Romania; 2008-2012, General Cancellor of „Alexandru Ioan Cuza” University from Iași; 2008-2012, Member in the Senate Council of “Alexandru Ioan Cuza” University of Iași; 2008-2012, Member in the Academic College of , “Alexandru Ioan Cuza” University of Iași; 2008-2012, Member in the <i>Biology Department Council of Faculty of Biology</i>; 2004–2008, Chief of the <i>Vegetal Biology Department, Faculty of Biology, Iași</i>; 2000–2004, Chancellor of the Faculty of Biology; Since 2007, Member in the <i>Council of European Association of Mycology</i>; Since 2006, Member in the <i>Scientific Council of Calimani National Park</i>; Since 2006, Member in the <i>Committee of Nature Monuments of the Romanian Academy</i>; Since 2005, Member the Senate of “Alexandru Ioan Cuza” University of Iași; Since 2003, Member in the <i>Scientific Council of “Anastasiu Fatu” Botanic Garden of Iași</i>; Since 2002, Member in the <i>Subcommittee of Nature Monuments of the Romanian Academy – Iasi Filiation</i>; 1999–2007, Member in the Executive Board of the Faculty of Biology; 1995–2007, Scientific secretary of the Mycological Society of Romania. Since 1999, Member in the <i>Professorial Council of the Faculty of Biology</i>.</p>
Computer using competences	<p>Usually PC usage (Microsoft Office Word; Microsoft Office Power Point; Microsoft Office Excel; Internet Explorer).</p>
Organizer of scientific events	<p>Outside the country: Estables (France), 2010, 2008; Chișinău (Republic of Moldavia), 2010; Chaise Dieu (France), 2006, 2002 and 1996; Sainte Bonnet le Froid (France), 1998; Chamonix (France), 2004;</p> <p>In the country (international participation): Vatra Dornei, 1997; Suceava, 2005 and Iași, 2006; National symposiums: Cluj-Napoca, 2010 și 2009; Iași, 2009 and 1995; Sinaia, 2004; Târgu Neamț, 2002; Rădăuți, 2000; Scientific sessions: Iași, 2008, 2007, 2006, 2005, 2004 and 2003; Agigea, 2001.</p>
Setting up research laboratories / scientific collections	<p>2006–2008: founding / tooling <i>Research laboratory for fungus with application in ecological reconstruction of soils</i> (CEEX financial support– 1st Modul), Faculty of Biology; 2007–2009: founding / tooling <i>Modern laboratory for modern technologies of preserving some horticultural and spontaneous species with particular status</i>, Botanic Garden of Iași; 1992–prezent: I have participated in organizing the Laboratory of Mycology and Phytopathology for students of the Faculty of Biology by rehabilitating, getting some equipment and didactic materials.</p>
OTHER COMPETENCES	<p>Since 2004, Evaluator in the <i>Romanian National Council of Scientific Research of Higher Education</i>; Since 2002, Evaluator in the <i>Team of Technical analysis for estimating the environment's impact and the environment's agreement of Romanian Academy – Iasi Branch</i>; 1999–2007, Evaluator in the <i>Council of National Office of external Scholarships</i>; Member in PhD committees at “Alexandru Ioan Cuza” University of Iași, University of Bucharest, “Babeș-Bolyai” University of Cluj-Napoca, „Dunărea de Jos” University of Galați.</p>
Editorial activity	<p><i>International</i>: Since 2004, Scientific referent in the redaction committee of <i>Mycologia Balcanica</i>; <i>National</i>: Since 2007, Editor in <i>Journal of Plant Development</i>; Since 2008, Member in the redaction committee of <i>Contribuții Botanice</i> of “Alexandru Borza” Botanical Gardens, “Babeș-Bolyai” University Cluj-Napoca; Since 2007, Member in the redaction committee of <i>Natura</i>, Biology; Since 2004, Member in the redaction committee of <i>Analele Științifice ale Universității “Alexandru Ioan Cuza” din Iași</i>, section II. Vegetal Biology; Since 2003, Scientific referent in <i>Acta Horti Botanici Bucurestiensis</i> of “Dimitrie Brândză” Botanic Garden of Bucharest; 2000–2003, Secretary in <i>Analele Științifice ale Universității “Alexandru Ioan Cuza” din Iași</i>, section II. Vegetal Biology.</p>

Member in scientific societies

International: since 2003, Member of the European Association of Mycology;
Since 2003, Member in the organization *Planta Europa*;
Since 2000, Member in the International Forum *Mycologia Europaea*;
Since 2000, Member in the *European Council of Fungi Protection*,
Since 1998, Honour member in *Association Entreevalaise de Mycologie et Botanique Appliquée*
(France);

National:

Since 2001, founding Member of the *Romanian Association of Botanic Gardens*;
Since 1998, Member in the *Romanian Association of Phytosociology*;
Since 1995, Member in the *Romanian Society of Mycology*.