



Curriculum vitae

Personal information

Name / Surname

Address

TĂNASE Cătălin

'Alexandru Ioan Cuza' University from Iași, Faculty of Biology, Laboratory of Mycology and Phytopathology, 20A Carol I Boulevard, 700505 IAȘI.



Current position / expertise field

since 1992: 'Alexandru Ioan Cuza' University from Iași, Faculty of Biology, Laboratory of Mycology and Phytopathology, didactic and research activity in the field of Biology.

Professional experience

since 2018: Correspondent Member of Romanian Academy;
since 2008: full professor, by competition, at 'Alexandru Ioan Cuza' University from Iași, Faculty of Biology;
2002–2008: associate professor, by competition, at 'Alexandru Ioan Cuza' University from Iași, Faculty of Biology;
1996–2002: lecturer, by competition, at 'Alexandru Ioan Cuza' University from Iași, Faculty of Biology;
1992–1996: assistant professor, by competition, at 'Alexandru Ioan Cuza' University from Iași, Faculty of Biology.

The main activities and responsibilities

Holder of the following academic courses at the Faculty of Biology: bachelor studies - *Mycology*; *Phytopathology*; master studies – *Strategies in biodiversity conservation*; *Habitats restoration*; *Medical mycology*; Biology Doctoral School: *Strategies for capitalization of the results of scientific research*; *Methods and techniques of research used in Biology*; *Notions of ethics in scientific research*.

Associate professor:

since 2014: at Faculty of Geography-Geology of 'Alexandru Ioan Cuza' University from Iași, Department of Geography: *Ecotoxicology* – master program Current Environment and Sustainable Development;

since 2020: at Faculty of Psychology and Educational Sciences of 'Alexandru Ioan Cuza' University from Iași, Department of Teaching Staff Training: *Conservation biology* – program of Didactic Master in Biology.

Field of research

since 2009: PhD coordinator in *Natural Sciences* fundamental Domain, *Biology* Domain, *Botany* field;

Mycology: taxonomy, ecology and chorology of fungi;

Phytopathology: structural, physiological and biochemical changes induced by pathogenic micromycetes;

Mycotoxicology: the bioconversion potential of fungi;

Bioremediation: selection of fungal species with a role in bioremediation of pollutants;

Biotic interactions: selected fungi with a role in biocontrol;

Plants / fungi diversity conservation: monitoring of some species included in Annex I of the *Berne Convention* and in the *Habitats Directive*;

Romanian Red List of macromycetes.

since 2000, I won through competition and coordinated 15 research projects;

since 1995: I collaborated as a member in 35 research projects with internal or external funding.

Scientific publications

author / co-author: 190 articles, 12 books, 4 chapters in collective volumes, 4 university courses, 4 patents.

Education and training

since 1998: PhD in Biology, field of Botany, Fundamental domain Natural Sciences, Biology domain;

1993–1998: doctoral internship within Faculty of Biology of 'Alexandru Ioan Cuza' University from Iași;

1981–1985; 1990–1992: 'Alexandru Ioan Cuza' University from Iași, Faculty of Biology.

Postgraduate specializations	<p>2000: Specialization in <i>Databases, Mapping and Conservation of Phytodiversity</i>, Tempus Scholarship JEP_UM 14030, at Porquerolles National Mediterranean Botanical Conservatory (France);</p> <p>1993: Faculty of Biology, București University, specialization course in Mycology.</p>
Training mobilities / visiting professor	<p>2013: visiting Professor at the University of Applied Sciences in Zürich (Switzerland);</p> <p>2001: visiting Professor at the University of Vigo (Spain).</p>
Personal skills and competences	<p>Native language: <i>Romanian</i>;</p> <p>Foreign languages: <i>French</i>;</p> <p>Usual PC knowledge (Microsoft Office Word; Microsoft Office Power Point; Microsoft Office Excel; Internet Explorer).</p>
Academic management	<p>since 2020: Coordinator of the 'Olga Necrasov' Center for Anthropological Research within the Romanian Academy – Iași Branch;</p> <p>since 2020: President of Scientific Council of the 'Olga Necrasov' Center for Anthropological Research within the Romanian Academy – Iași Branch;</p> <p>since 2020: President of Nature Monuments Subcommittee within the Romanian Academy - Iași Branch;</p> <p>since 2007: Director of 'Anastasiu Fătu' Botanical Garden, by competition, at 'Alexandru Ioan Cuza' University from Iași;</p> <p>since 2014: President of Romanian Mycological Society;</p> <p>since 2008: Vice-president of Romanian Society of Biological Sciences, Head of the Plant Biology Department;</p> <p>since 2007: Member in the Council of the European Mycology Association;</p> <p>since 2006: Member in the Commission of Natural Monuments within the Romanian Academy;</p> <p>since 2002: Member in the Nature Monuments Subcommittee within the Romanian Academy - Iași Branch;</p> <p>2012-2020: Vice-rector of 'Alexandru Ioan Cuza' University from Iași;</p> <p>2012-2020: Member in the Executive Board of Administration Council of 'Alexandru Ioan Cuza' University from Iași;</p> <p>2012-2020: Member in Administration Council of 'Alexandru Ioan Cuza' University from Iași;</p> <p>2014-2020: Member in the Biology-Biochemistry Commission, CNATDCU;</p> <p>2006-2020: Member in the Scientific Council of Călimani National Park;</p> <p>2005-2020: Member in the Senate of the 'Alexandru Ioan Cuza' University from Iași;</p> <p>1999-2020: Member in the Council of the Faculty of Biology;</p> <p>2016-2018: President of the Association of Botanical Gardens in Romania;</p> <p>2008-2016: Vice-president of the Association of Botanical Gardens in Romania;</p> <p>2008-2012: General Chancellor of 'Alexandru Ioan Cuza' University from Iași;</p> <p>2008-2012: Member in Senate Bureau of 'Alexandru Ioan Cuza' University from Iași;</p> <p>2008-2012: Member in the Academic College of 'Alexandru Ioan Cuza' University from Iași;</p> <p>2008-2012: Member in the Council of the Department of Biology within Faculty of Biology;</p> <p>2004-2008: Head of Department of Plant Biology, Faculty of Biology of 'Alexandru Ioan Cuza' University from Iași;</p> <p>2002-2008: Member in Commission 4 (Life and Earth Sciences) within National Council for Scientific Research in Higher Education;</p> <p>2000-2004: Chancellor of Faculty of Biology in Iași;</p> <p>1999-2008: Member in the Bureau of the Council of the Faculty of Biology;</p> <p>1999-2007: Evaluator in the National Council for granting Scholarships Abroad;</p> <p>1995-2007: Scientific Secretary of Romanian Mycological Society.</p>
Editorial activity	<p>since 2021: Editor-in-Chief of <i>Romanian Journal of Biology – Plant Biology</i> published by Institute of Biology – Bucharest of Romanian Academy;</p> <p>since 2007: Editor-in-Chief of <i>Journal of Plant Development</i> published by 'Anastasiu Fătu' Botanical Garden of 'Alexandru Ioan Cuza' University from Iași;</p> <p>since 2008: Member in the Editorial Board of <i>Contribuții Botanice</i> published by 'Alexandru Borza' Botanical Garden of 'Babeș-Bolyai' University in Cluj-Napoca;</p> <p>since 2007: Member in the Editorial Board of <i>Natura</i> journal, Biology series;</p> <p>since 2008: Member in the Editorial Board of the journal <i>Analele Științifice ale Universității 'Alexandru Ioan Cuza' din Iași</i> (new series), section II a. Vegetal Biology;</p> <p>since 2003: Scientific reviewer for <i>Acta Horti Botanici Bucurestiensis</i> journal published by 'Dimitrie Brândza' Botanical Garden in București;</p> <p>2004-2008: Scientific reviewer and member in the Editorial Board of <i>Mycologia Balcanica</i> journal;</p> <p>2000-2007: Secretary of the journal <i>Analele Științifice ale Universității 'Alexandru Ioan Cuza' din Iași</i> (new series), section II a. Vegetal Biology.</p>

Development of research laboratories / scientific collections	<p>since 2007: establishment / endowment of the <i>Laboratory of modern biotechnologies for the conservation of some horticultural species and of spontaneous species with special status</i>, at the Botanical Garden in Iași (financed by CEEX Program-Module I projects; PN II; CNCSIS grants; internal grants);</p> <p>since 2007: modernization of spaces and diversification of plant collections in the sections of the Botanical Garden (financed by CNFIS-FDI institutional development funds projects);</p> <p>since 2006: establishment / endowment (financed by Program CEEX–Module I; PN II; CNCSIS grants) of the <i>Laboratory of Fungi Research with applications in ecological soil reconstruction</i>, within the Faculty of Biology;</p> <p>since 1992: organization of the <i>Laboratory of Mycology and Phytopathology</i> for students, within the Faculty of Biology; modernization, acquisitions of equipment / reagents / literature.</p>
Social skills and competences	<p>Integral part of the instructive-educational process: participation as president / member in commissions for didactic positions / research competitions, defense of doctoral / habilitation theses, awarding the title of <i>Doctor Honoris Causa</i> at the 'Alexandru Ioan Cuza' University of Iași; 'Gr. T. Popa' University of Medicine and Pharmacy in Iași; 'Ion Ionescu de la Brad' University of Agricultural Sciences and Veterinary Medicine in Iași; Romanian Academy: 'Petru Poni' Institute of Macromolecular Chemistry in Iași; University of Bucharest; 'Babeș-Bolyai' University in Cluj-Napoca; West University in Timișoara; Cluj-Napoca Technical University; Craiova University; 'Dunărea de Jos' University from Galați; 'Transylvania' University in Brasov; 'Ovidius' University in Constanta; 'Aurel Vlaicu' University in Arad; 'Vasile Goldiș' University in Arad; Oradea University; Suceava Gene Bank;</p> <p>since 2007, diversification of <i>plant collections in the section for people with visual disabilities</i> within the Botanical Garden;</p> <p>since 2007, organization of <i>thematic exhibitions with species of plants, fruits and seeds from the Botanical Garden</i>;</p> <p>since 1995, in collaboration with students, doctoral students and members of the Romanian Mycological Society, <i>organizing thematic exhibitions with edible and toxic fungi</i>.</p>
Member of scientific societies	<p>International: since 2003, Member in <i>European Mycological Association</i>;</p> <p>since 2000, Member in <i>European Council for Fungi Protection</i>;</p> <p>National: since 1998, Member in <i>Romanian Phytosociological Society</i>;</p> <p>since 1995, Member in <i>Romanian Mycological Society</i>.</p>
Awards / Distinctions	<p>International:</p> <p>2017: <i>EUREKA Diploma and Gold Medal</i> at the INNOVA International Invention Show in Barcelona (Spain);</p> <p>2017: <i>Diploma and gold medal, Salon International des Inventions de Geneva</i> (Geneva Inventions - XLV Edition, Switzerland);</p> <p>2015: <i>Diploma and Gold Medal</i>, awarded at <i>The World Exhibition of Invention, Research and Industrial Innovation, INNOVA – EUREKA</i>, 21 November 2015, Brussels (Belgium);</p> <p>2009: <i>Diploma and Silver Medal</i>, awarded at <i>The World Exhibition of Invention, Research and Industrial Innovation, INNOVA – EUREKA</i>, 19-21 November 2009, Brussels (Belgium).</p> <p>National:</p> <p>2010: <i>Jubilee medal</i> awarded by the “Alexandru Ioan Cuza” University of Iași, for the activity carried out in university education, Iași, October 26, 2010;</p> <p>2010: <i>Iuliu Prodan Award</i> of the Academy of Agricultural and Forestry Sciences “Gheorghe Ionescu-Șișești”, for the volume <i>Fungi with applications in agriculture, medicine and heritage</i>, București, December 9, 2010;</p> <p>2010: <i>Jubilee Medal and Diploma of Excellence</i>, awarded by the University of București for contributions in conservation of phytodiversity and the development of botanical gardens, București, November 5, 2010;</p> <p>2009: <i>Gold Jubilee Medal and Honor Diploma</i> awarded by the West University in Timișoara, for the activity carried out in university education in Romania, Timișoara, May 21, 2009;</p> <p>2008: <i>Emanoil Teodorescu Award</i> of the Romanian Academy for the volume <i>Current concepts in fungi taxonomy</i>, București, December 19, 2008.</p>