

## Professor Tatiana Eugenia ŞESAN at her 75<sup>th</sup> anniversary



**Tatiana Eugenia ŞESAN** (born at 12<sup>th</sup> January 1944), corresponding member of the Academy of Agricultural Sciences and Forestry in Romania, is a Professor at the Faculty of Biology - University of Bucharest since 2004, PhD in Biology, specialized in Mycology / Plant Pathology since 1985, PhD promoter in the field of Life Sciences, Biology domain (since 2000).

The first eight years of her professional activity have been developed in the Pedagogical Institute Bacău, teaching Botany (Morphology, Anatomy, and Taxonomy), Plant Protection and Technics of Preparing Didactical Materials for Biology a.o. For the next 30 years she worked at the Research Institute for Plant Protection in Bucharest, coordinated by the Academy of Agricultural Sciences and Forestry, as a scientist/senior scientist in the field of Plant Pathology, Mycology, Sustainable Development, Biotechnologies and, especially, Biological Control of Plant Diseases and Weeds.

All this activity includes a high volume of original, personal scientific results. The scientific contributions were materialized until now in: 26 books (1 chapter in an international volume), more than 430 articles, from which, 16 papers in ISI indexed journals, 10 inventions and 4 new requests for patent. In 2019, Patent no. 13177/2018 – Bio-stimulated strain of *Trichoderma asperellum* and composition based on it for use in conservative agriculture system was awarded.

In order to celebrate hers 75<sup>th</sup> birthday and 53 years of activity, the volume “Professor PhD Tatiana-Eugenia Şesan – a tireless life for the plant’s health” was published at the Bucharest University Press.

The national recognition is materialized in the Prize “Traian Săvulescu” of the Romanian Academy (for Agriculture), obtained for the books *Diseases of industrial plants. Prevention and control* (1988) and *White rot of cropped plants. Prevention and control* (1998) as first author. Together with Professor PhD C. Tănase she has been rewarded with “Emanoil Teodorescu” Prize by the Romanian Academy (Biology) for the book *Present concepts in fungal taxonomy* (2008) and with “Iuliu Prodan” Prize by the Academy of Agricultural Sciences and Forestry (2010) for the volume *Fungi with applications in agriculture, medicine and patrimony*. In 2013, Ana Tomescu and T. E. Şesan have received “Ernest Grinţescu” Prize by the Romanian Society of Horticulture at its Centenary for the book *The known and less known plant world. Fabaceae family*. In 1999 she has been rewarded with “M. Constantineanu” Prize by the Romanian Association for Ecosanogenesis. She has won during her activity research fellowships in Russia, France, Poland, The Netherlands and has collaborated for long periods in the frame of international research projects in The Netherlands in the field of biological control of plant diseases (1993, 1995, 2000), mycorrhizas (COST 870, manager for Romania), *Erwinia amylovora* (COST 674), organic horticulture (COST FA 1105), strigolactones (COST FA 1206, manager for Romania). In Romania, she has worked in different national research projects RELANSIN,

BIOTECH, CEEEX, PN II, CNCSIS Ideas a.o. She is one of the authors of 4 patents homologated by OSIM and of an application for an European patent, all of these being the results of the research projects successfully finished. She is a member of national scientific and *In Honorem* international organizations, invited at many international congresses in 20 countries: Denmark (1991), The Netherlands (1992, 1993, 1995, 1996, 2000, 2003), Belgium (2000, 2011, 2013), Turkey (1993, 2002, 2008), Poland (1994, 1997, 1998, 1999, 2005, 2012), Great Britain (1994), Czech Republic (1997), Greece (1997, 2011), Switzerland (1997), Austria (1998, 1999), Israel (1998, 2009, 2013), Hungary (1999), France (1987, 2000), Spain (2004), Portugal (2010), Taiwan (2000), South Africa (1999), Russia (1979, 2007), Italy (2017); Bosnia & Herzegovina (2018) a.o. She is since 2006 the vice-president of the Romanian Mycological Society (SMR), being one of the founding members of this association and one important contributor in the development of SMR. Since 2011, she has been elected in the board of the *European Mycological Association* (EMA) as executive editor for *EMA Newsletter*.

She has been member of the organizing committee of some international events in Plant Pathology and Mycology in Romania and Poland. Mentioned in *Who's Who, Personenzyklopädien AG, Switzerland* (2009), *Dictionary of the Personalities in Romania, Romanian Who's Who* (2010), *Dictionary of the Fungi* (2001, 2008), *Contemporary feminine personalities in Romania* (2013), and *Meronia Publishing House*.

In 2014, at the celebration of 70 years of life and 48 years of activity, during the *Annual Session of Scientific Communications* she was given by the “Dimitrie Brândză” Botanical Garden of Bucharest an Excellence Diploma; a similar Excellence Award was received from the “Anastase Fătu” Botanical Garden of “Alexandru Ioan Cuza” University of Iași; with the same occasion she received a series of homage and friendship letters from collaborators, colleagues and friends from Romanian and foreign (the Netherlands, Poland, Bulgaria, Egypt, etc.) universities and research institutions.

The longest international activity as member of an editorial board starting with 2006 was carried out by Professor PhD Tatiana Eugenia Șesan at *Phytopatologia Polonica – Phytopathologia* (after 2009), honoring her membership, since 1999, within the Polish Phytopathological Society.

From 2014 until 2019, Professor PhD Tatiana Eugenia Șesan had a rich volunteering activity in reviewing several articles for multiple international journals, such as: *Electronic Journal of Polish Agricultural Universities, American Journal of Experimental Agriculture, Asian Journal of Research in Crop Science, Journal of Experimental Agriculture International, Asian Journal of Agricultural and Horticultural Research, Journal of Advances in Medical and Pharmaceutical Sciences*. Through letters and excellence certificates each of these publications appreciated her contributions, comments and academic suggestions which kept these journals high standard.

Thus, the journal *Acta Scientiarum Polonorum. Hortorum Cultus* from Poland, asked Professor PhD Tatiana Eugenia Șesan to accept the position as member of the Scientific Committee, while the *Asian Journal of Research Crop Science* offered her the position of Academic Editor, professional endeavor with remarkable results.

She is Scientific Referee for renowned journals in the fields of mycology, phytopathology, environment and plant protection: *Plant Pathology, Mycological Research* (Great Britain), *Phytoparasitica* (Israel), *Phytopathologia*, the former *Phytopatologia Polonica* (Poland), *Mycologia Balcanica* (Bulgaria), *Biologia* (Slovakia), *Acta Scientiarum Polonorum – Hortorum Cultus* (Poland), ISI indexed; *African Journal of Agricultural Research, African Journal of Microbiology Research; Romanian Biotechnological Letters, Electronic Journal of Polish Agricultural Universities, Biocontrol Science Technology*,

*Journal of Ocular Pharmacology and Therapeutics, Applied Ecology and Environmental Research Hungary, Asian Journal of Agricultural and Horticultural Research, Journal of Advances in Pharmaceutical Sciences, and Asian Journal of Research in Crop Science.*

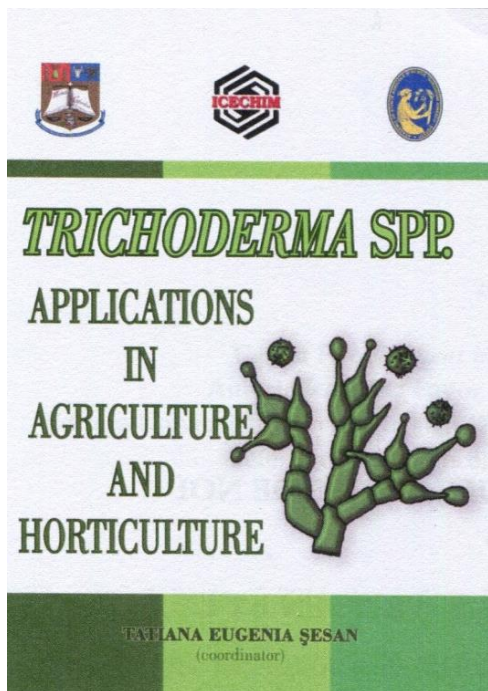
The celebration of the 75<sup>th</sup> birthday represents a special moment for Professor PhD Tatiana Eugenia ȘESAN, but also for the entire academic community, who wishes her many happy years, with health and remarkable achievements!

**Constantin TOMA**

“Alexandru Ioan Cuza” University of Iași, Faculty of Biology

**Cătălin TĂNASE**

“Alexandru Ioan Cuza” University of Iași, Faculty of Biology



Participants at the 1<sup>st</sup> Congress on Strigolactones, Wageningen, The Netherlands, 2015