

This issue of our journal is dedicated to Professor Luminița Silaghi-Dumitrescu at her 65th anniversary.



Professor Luminița Silaghi-Dumitrescu

Professor Luminița Silaghi-Dumitrescu was born on March 9th, 1951 in Brasov, where she got the primary and secondary education. In 1970 she became an undergraduate student in chemistry, at Babes-Bolyai University in Cluj-Napoca, where she graduated with a MSc degree in 1974. In 1983 she obtained the PhD in chemistry with a thesis on “Metallic and Organometallic Dithioarsinates” (supervisor Professor Ionel Haiduc), a work which contributed significantly to the field.

After a short period of appointment in the industry (1975-1978) she became a researcher in the Institute of Chemical Research in Cluj-Napoca, where she was active between 1978-1986. After this period she joined the staff of the Chemistry Faculty at Babes-Bolyai University and became a lecturer in chemistry (1986-1994), associate professor (1994-1999) and full professor (1999-to date). She acted as dean of the Chemistry Faculty (2002-2007) and vice-rector of Babes-Bolyai University (2008-2012).

During her tenure she was teaching courses in Organic chemistry, Organometallic chemistry, Organometallic reagents in organic synthesis and Organometallic reagents in heterocyclic chemistry. An important activity of her was (and continues to be) the supervising of graduate students, which produced

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very interesting and original research contributions. In addition to her communication and teaching skills she demonstrated a remarkable ability to supervise research activities and to perform successfully in administrative duties.

A very important part of the professional life of Mrs. Luminița Silaghi-Dumitrescu was devoted to research. Her research interests started during the preparation of her PhD thesis and her expertise now includes Organometallic chemistry (Groups 13-15 elements and transition metals); Chemistry of the coordination compounds (synthesis and structural characterization); Organometallic reagents in organic synthesis (organo-lithium, -magnesium, -titanium and -boron derivatives); Synthesis of novel organometallic compounds as precursors for semiconductors; Synthesis of building blocks for smart polymers (heteroalkenes, heteroallenes of heavier Group 14 and 15 elements). Her contributions were awarded with the „Costin D. Nenitzescu Prize” of the Romanian Academy (1997) and the „Nenitzescu-Criegee Lectureship Prize” of German Chemical Society jointly with the Romanian Academy (2011)..

Her research was supported by numerous national grants (e.g. on Metallomics; Green chemistry; Microwave assisted organic and organometallic synthesis; Organometallic precursors for hybrid electronic devices, etc) and participation in international programs, such as TEMPUS Project “Reforms and Upgraded Chemistry - Undergraduate Studies in Macedonia” (2008-2009) as Romanian co-coordinator; DAAD Programme Stability Pact - “Academic Reconstruction of South Eastern Europe”; “International Master and Postgraduate Programme in Materials Science and Catalysis”, Romanian co-coordinator (2006-2016); MC and WG member COST Action CM 802 - European Phosphorus Sciences Network - PhoSciNet (2009-2012); MC and WG member COST Action CM 1302 – Smart Inorganic Polymers (SIPs) (2013-2017); Grant EC COST (individual) (1993 - 1994), Université Paul Sabatier Toulouse, France; and Royal Society of Chemistry Grant (1998). Her collaboration with Professor Eva Marie Hey-Hawkins of the University of Leipzig, Germany, should be mentioned as a particular success story of mutual interest, which resulted in a considerable number of remarkable joint publications. The contributions of Mrs. Luminița Silaghi-Dumitrescu to the ditioarsenate chemistry remained until today of primordial importance, but her research interests were extended from arsenic chemistry to other areas, with important contributions, published in major high impact chemistry journals. (visit ResearcherID: B-5307-2015)

Currently, Professor Luminița Silaghi-Dumitrescu is continuing with competence and talent her scientific life and she is at the summit of a splendid career, promising more important contributions to the science of chemistry.

The editorial board of *Studia Universitatis Babeș-Bolyai-Chemia* is expressing the best wishes to her for a good health and many years of successful activity.

ONORARY EDITOR

IONEL HAIDUC - Member of the Romanian Academy