

## LITERARY HERITAGE

### BIBLIOGRAPHY OF PROFESSOR D.Sc. IVELIN KULEFF

DEDICATED TO THE 70<sup>TH</sup> ANNIVERSARY OF PROF. **Ivelin Veselinov Kuleff**



Ivelin Veselinov Kuleff was born on July 5th, 1942 in Shumen. He is a graduate of the Faculty of Chemistry, “St. Kliment Ohridski” University of Sofia (1967). From the same year he has worked as a radiochemist at the Chair of General and Inorganic Chemistry. Later on Mr. Ivelin Kuleff successfully competed for the positions of Assistant Professor of Radiochemistry (1969), Senior Assistant (1973) and Chief Assistant (1979). In 1980 he defended a Ph.D. thesis in the field of radiochemistry (scientific consultant Prof. K. Kostadinov). During that early period of his career Dr. Kuleff lectured on “Radiometry” (1972–1979) and spent 17 months at the Technical University in Munich, Germany, on hot atoms chemistry (1971–1972) as a scholar of the International Atomic Agency (IAEA, Vienna).

In 1984 Dr. I. Kuleff moved to the Department of Analytical Chemistry and established there a “Laboratory of Radioanalytical Chemistry” (1984–2011), headed by him until his retirement in 2011. He has become Senior Research Associate on Analytical Chemistry (Radioanalytical Chemistry) (1989), Associate Professor of Analytical Chemistry (1996), and Full Professor of Analytical Chemistry (Radioanalytical Chemistry) (2002–2011). Dr. Kuleff defended a D.Sc. thesis on archaeometric studies by neutron activation analysis (NAA) in 1998.

Professor Kuleff has lectured in numerous courses on “Radiochemistry”, “Radioanalytical Chemistry”, “Radiometry and Radiometric Analysis”, “Nuclear Chemistry and

Radiochemistry”, “Reactor Chemistry”, “Environmental Chemistry”, “Radioecology”, Instrumental Method of Analysis”, “Archaeometry”, “X-ray and Nuclear Methods of Analysis”, etc. at the University of Sofia (1972–2011), South-West University in Blagoevgrad (1989–1999), Higher Military School in Veliko Tarnovo (1974–1984), as well as been a guest professor at European universities: University “La Sapienza”, Rome (1992), Technische Hochschule-Bergakademie, Freiberg (1999–2001), University of Frankfurt (2004). He has established fruitful cooperation with scientists from Germany, Greece and Italy. Professor Kuleff also founded the master programme on “Archaeometry” (co-programme with the Faculty of History).

Prof. Kuleff has served as a Deputy Dean of the Faculty of Chemistry (2001–2004), a member of the Specialized Scientific Council on Inorganic and Analytical Chemistry (1997–2004), and a member (2004–2006) and Chairman (2007–2009) of the Commission on Chemical Sciences at the Supreme Attestation Commission at the Council of Ministers in the Republic of Bulgaria. Professor Kuleff is a member of the Union of Chemists in Bulgaria, Gesellschaft für Naturwissenschaftliche Archaeometrie (Germany), Bulgarian Society for the Chemistry Education and History and Philosophy of Chemistry (CE&HPC), and Fellow at the IUPAC, Inorganic Chemistry Division, Commission on Isotopic Abundances and Atomic Weights.

The scientific research of Professor Kuleff has been mainly in the field of analytical chemistry, radiochemistry, archaeometry and geochemistry, with an emphasis on neutron activation analysis, gamma spectrometry, radiometry, X-ray fluorescence, sampling and chemometric treatment of experimental data from multielement analytical techniques.

Complete bibliography of Professor Ivelin Kuleff, including 2 theses, 14 books/text-books and book chapters and over 160 journal and conference papers has been compiled and given in chronological order below (in this issue). Titles of publications are given in their original language of publication and those published in Cyrillic (Bulgarian, Russian) are also translated in English.

#### THESES

1. **Кулев, И. В.** *Неутронноактивационно определяне на съдържанието на уран в скали, минерали и природни води.* Дисертация за научната степен “Кандидат на химическите науки” по 01.05.12 “Радиохимия”, Химически факултет, Софийски университет “Св. Климент Охридски”, С., 1980, 231 с.  
**Kuleff, I.** *Neutron Activation Determination of the Content of Uranium in Rocks, Minerals, and Natural Waters.* PhD Thesis, Faculty of Chemistry, University of Sofia “St. Kliment Ohridski”, 1980, pp. 231 (in Bulg.).
2. **Кулев, И.** *Археометрични изследвания с помощта на НАА.* Дисертация за научната степен “Доктор на химическите науки”, Химически факултет, Софийски университет “Св. Климент Охридски”, 1998, pp. 250.  
**Kuleff, I.** *Archaeometric Investigations Using Neutron Activation Analysis.* DSc Thesis, Faculty of Chemistry, University of Sofia “St. Kliment Ohridski”, Sofia, 1998, pp. 250 (in Bulg.).

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3. **Кулев, И.**, Р. Златанова, П. Константинов, М. Димитров, Г. Генчев, П. Пеев. *Колко опасни за населението са течните радиоактивни изхвърляния от АЕЦ Козлодуй?*, БалБок, С., 1994, 111 с. **Kuleff, I.** R. Zlatanova, P. Konstantinov, M. Dimitrov, G. Genchev, P. Peev. *How Dangerous for the Population are the Liquid Radioactive Releases from NPP Kozloduy*, BalBok, Sofia, 1994, pp. 111 (in Bulg.).
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6. Попов, Л., **И. Кулев**. *Техногенни радионуклиди в околната среда. Произход, методи за изолиране и определяне*, Сиела, С., 2008, 351 с., ISBN 978-954-28-0246-4. Popov, L., **I. Kuleff**. *Technogenic Radionuclides in the Environment. Origin, Methods for Isolation and Determination*, Ciela, Sofia, 2008, pp. 315, ISBN 978-954-28-0246-4 (in Bulg.).
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