

ANNIVERSARIES AND DATES

Professor Vakhid Abdulla ogly Mamedov To the 60th anniversary

One of the most prominent Russian organic chemists, the largest specialist in the field of chemistry of heterocyclic compounds, Doctor of Chemical Sciences, Professor Vakhid Abdulla ogly Mamedov turned 60 on July 1, 2019. For more than 30 years, the scientific activity of Professor V. A. Mamedov has been associated with Arbuzov Institute of Organic and Physical Chemistry, currently a separate structural unit of the Federal Research Center "Kazan Scientific Center of the Russian Academy of Sciences". There, V. A. Mamedov worked his way from a graduate student (1985–1988), Candidate of Science (1989) to become Doctor of Science (1999), Professor (2007), and Head of the Laboratory of Chemistry of Heterocyclic Compounds (since 2002).

In 1999, V.A. Mamedov defended his doctoral thesis on the topic "Reactions in the α,α -dichlorocarbonyl compound – aldehyde (ketone, azomethine) system, structure and synthetic potential of the resulting products". Cooperation with his Japanese colleagues, including those at the Okayama University (1997 and 2000) contributed to V. A. Mamedov's development as a scientist. The publication in "Tetrahedron Asymmetry" (2000, p. 4485), devoted to the chemoenzymatic synthesis of the side chain of Taxol in the C-13 position can be noted as one of the important results of this collaboration.

Professor V. A. Mamedov combines active scientific research with teaching – he lectures on the chemistry of heterocyclic compounds in the two largest universities of the Volga region, Kazan (Volga region) Federal University and Kazan National Research Technological University, enriching students with his erudition.

The area of scientific interests of V. A. Mamedov covers a wide range of heterocyclic compounds (oxiranes, thiazoles, thiadiazines, pyrimidines, quinolines, quinoxalines, indolizines, benzimidazoles, benzodiazepines), as well as chemistry of carbanions, tandem reactions, rearrangements, and also medicinal chemistry.

V.A. Mamedov has been a research advisor to 1 Doctor and 12 Candidates of Chemical Sciences, is the author of more than 200 scientific publications, among them 16 reviews, as well as 4 monographs (chapters in books), one of which is "Advances in Quinoxaline Synthesis" (Part 2), published in "Advances in Heterocyclic Chemistry" (2013, Vol. 21, p. 1–45), and already has about 150 citations. As part of the team in 2014, V. A. Mamedov became the winner of the State Prize of the Republic of Tatarstan in the



field of science and technology for his work "Creating a methodology for synthesizing new classes of macrocyclic compounds – the basis of new generation drugs".

In 2015, Professor Mamedov was awarded Professor Costa Centennial Gold Medal and the diploma of the International Charitable Foundation "Scientific Partnership" for outstanding achievements in chemistry of heterocyclic compounds.

In 2016, his book "Quinoxalines: Synthesis, Reactions, Mechanisms and Structure" (Springer International Publishing) was published.

The continuous scientific research of Professor V. A. Mamedov in the field of quinoxalines led to the discovery of the rearrangement of their acyl and spiro derivatives into benzimidazole derivatives with various hetaryl substituents. These studies are highly appreciated by the world scientific community, and Professor V. A. Mamedov is recognized as the author of the Mamedov rearrangement name reaction ("Organic Syntheses Based on Name Reactions", Elsevier, 2012, 3rd ed.).

We sincerely wish the hero of the day new scientific achievements and good health for years to come.

A. A. Kalinin,
Doctor of Chemical Sciences,
Leading Research Associate
Arbuzov Institute of Organic and Physical
Chemistry of the Federal Research
Center "Kazan Scientific Center of the
Russian Academy of Sciences"