



## DEPARTMENT OF PHARMACEUTICAL AND TOXICOLOGICAL CHEMISTRY



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## DEPARTMENT OF PHARMACEUTICAL AND TOXICOLOGICAL CHEMISTRY



Department of Pharmaceutical and Toxicological Chemistry was founded in 1996 as the "Cathedra of Pharmaceutical and Toxicological Chemistry". Later, in 2006, the Cathedra was renamed into Department.

The Cathedra of Pharmaceutical Chemistry was founded as an independent unit in 1931, and the management was relaid to Professor Nikoloz Maskhulia. From 1942 to 1973, the Cathedra was headed by Prof. Aristrakh Mshvidobadze, and in 1973-1996 - by Prof. Bidzina Tchumburidze.

The Cathedra of Forensic Chemistry was established in 1922. It was reformed into the Cathedra of Forensic and Analytical Chemistry in 1925, and was headed by Academician Iovel Kutateladze till 1959.

From 1959 the Cathedra was transformed into the "Cathedra of Organic and Forensic Chemistry", and head was Academician Vladimer Asatiani (1959-1972), and later - Prof. Tinatin Pichkhaia (1972-1983).

In 1983, Forensic Chemistry was separated from the Cathedra of Organic Chemistry and together with the course of Instrumental Methods of Analysis, was formed the independent course under the name of "Toxicological Chemistry with Instrumental Methods of Analysis". The course from its foundation up to reorganization - i.e., before formation of the Cathedra of Pharmaceutical and Toxicological Chemistry in 1996 – was headed by Prof. Roman Makharadze.

In November of 1996, the Cathedra of Pharmaceutical Chemistry and the course of Toxicological Chemistry with Instrumental Methods of Analysis were merged under the joint name of the "Cathedra of Pharmaceutical and Toxicological Chemistry". The course in toxicological (forensic) chemistry at different times were conducted by the professors and teachers - K. Mujiri, N. Zhghenti, E. Japaride, M. Janiashvili, V. Bostoghanashvili, K. Gamsakhurdia, Sh. Ghlonti, T. Pkheidze, S. Ujmajuridze, T. Zurabashvili, N. Iobashvili, L. Adeishvili, M. Kurtsikidze etc.





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At the Cathedra of Pharmaceutical Chemistry were performing educational and scientific activities - P. Tchumburidze, M. Tsulaia, L. Esebua, V. Sakvarelidze, I. Enukidze, O. Sarjveladze, V. Bendianishvili, I. Natroshvili, B. Tchumburidze, N. Puluzashvili, K. Baramidze, G. Antadze, Sh. Pirtskhalava, M. Khutsishvili, L. Surmava etc.

The department currently delivers the following courses: Pharmaceutical Chemistry, Toxicological Chemistry, Instrumental Methods of Analysis, Basics of Pharmacokinetics, Pharmaceutical Analysis. The main scientific study directions of the department are development of the new methods of Drug Analysis and improvement of existed methods, the pharmacokinetic study of medicines; the development of the new methods of medicinal agents and their metabolites determination in biological material; investigation of natural, biologically active compounds; the development of the new methods and improvement of existed methods of chemical-toxicological analysis for narcotic drugs and toxic compounds in various objects of research.

The Master Degree Program "Pharmaceutical Analysis" currently is active at the Department. In addition, should be admitted that the academic staff and invited professors are authors of different guidelines and monographs and still cohere.