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Preface

Living up to its nick-name of T-Rex among the chemical elements, Fluorine played a major role in the scientific and technological competition between USSR and USA at the end and decade after World War II. With virtually unlimited recourses being invested on both sides, the Chemistry of Fluorine has received a tremendous development, rightfully claiming the place of distinguished scientific discipline. Ukraine, at that time an integral part (second largest state) of USSR, has made a major contribution to the rise and advancement of Fluorine Chemistry.

Formally, the Fluorine Chemistry in Ukraine dates back to (date) when the first academic unit, the Laboratory/Department/Division of Fluorine chemistry, was officially established within the Institute of Organic Chemistry, Academy of Sciences, in Kiev, headed by Professor Dr. Lev Moiseevich Yagupolskii (1922–2009). Lev Moiseevich has guided the Laboratory for more than half of a century significantly shaping its classical scientific spirit and research directions. Over the years, the Ukrainian School of Fluorine Chemistry has established itself as a benchmark of research standards and achievements in the general area of fluorine chemistry significantly contributing to the major intellectual advances and fostering numerous generations of fluorine chemists.

The aim of this special issue "Fluorine Chemistry in Ukraine" is to highlight the current activity of the research groups working in the various areas of fluorine chemistry in Ukraine and those abroad who belong to the Ukrainian School of Fluorine Chemistry by training and carry on its classical scientific spirit. As the readers will see, despite actual dismal recourses, the fluorine chemistry in Ukraine retains its intellectual originality, academic curiosity and innovative approach in various research areas including materials, inorganic, organic, bio- and medicinal chemistry of fluorine.

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