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**INTERNATIONAL ALLELOPATHY SOCIETY: FORMATION,
STRUCTURE AND PLACE OF UKRAINE**

Summary

Using the methods of concrete historical, comparative and problem-chronological analysis, it was studied the formation, structure and development of the International Allelopathy Society (IAS) during 1996–2017, and the role of Ukrainian scientists in its functioning.

It was found that IAS was established during the International Symposium «Allelopathy in agriculture, forestry and the natural environment», held in New Delhi (India) on 3–9 September, 1994.

We have analyzed the structure of the International Allelopathy Society and how it has changed throughout its existence. There are seven types of membership in IAS: permanent, lifelong, honored, listener, an honorary member of society, corporate membership. Now the organization is headed by Professor Rensen Zeng (2014–2017) from the University of Agriculture and Forestry, Fujian (China). The Vice President is Professor Catherine Fernandez (France), the elected president is Manuel Reigosa-Roger (Spain), the secretary is Dr. Genevieve Chiapusio (France), the treasurer – Dr. David Gealy (USA).

It was found that during the studied period the presidents of the Society were: George R. Waller (USA, 1996–1999), Francisco Macias (Spain, 1999–2002), Azim Mallik (Canada, 2002–2005), Yoshiharu Fujii (Japan, 2005–2008), Steve Duke (USA, 2008–2011), Leslie Weston (Australia, 2011–2014).

IAS meets once per three years in a World Congress. It was found that during the existence of IAS there were conducted seven World Congresses on allelopathy. The Society is engaged in the popularization of allelopathic researches by publishing official publications «Allelopathy Journal» (since 1995) and «Journal of Allelochemical Interactions» (since 2014).

During congresses the Society honors the memory of the greatest scientists of the field by awarding three prizes of nominal, H. Molish (for outstanding academic achievement in allelopathy), founder of allelopathic research in Ukraine A. Grodzinskyi (for the best publication on allelopathy issues), and E. Rice (for the best student report presented at the IAS symposium), which are awarded every three years. We have investigated who was awarded by the Society in the years of its activity.

It was found that Ukrainian scientists were among the founders of IAS during the mentioned Symposium in India. During the long time the coordinator of the Society in Ukraine was A. Grodzinskyi's disciple E. Holovko, who took part in the I World Congress on allelopathy as a member of the commission for awarding A. Grodzinskyi's award. In III Congress took part E. Holovko's disciples – N. Pavliuchenko and S. Mashkovska. Unfortunately, since the sixth congress, there are no mentions about participation of Ukrainian scientists in these events. It should be noted that during the last 15 years in Ukraine there was a decline of allelopathic researches, due to the lack of a powerful generator of ideas, who at one time appeared to be A. Grodzinskyi and his best students E. Holovko and L. Yurchak, outflow of scientific personnel abroad and insufficient funding of science in general when compared to the USA, Spain, India, Japan, and France, interested in the practical application of the results of the study of allelopathic properties of crops.

Reconstructing of the history of formation and functioning of the International Allelopathy Society structure and the groundwork of A. Grodzinskyi's scientific school, would allow Ukrainian scientists to resume international cooperation with leading international research centers of allelopathic researches through participation in the World Congresses of allelopathy and publications in IAS journals.

Keywords: *allelopathy, International Allelopathy Society, World Congress of Allelopathy, A. Grodzinskyi, E.Holovko*