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) form 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

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