



Ana Ćirić (rođena 1972.) je viši naučni saradnik Odeljenja za biljnu fiziologiju na Institutu za biološka istraživanja "Siniša Stanković", Univerziteta u Beogradu. Njen naučni interes u početnim fazama istraživačke karijere, bio je usmeren ka izolovanju metabolita i identifikaciji čistih jedinjenja iz mikromiceta i biljaka. Kasnije novi pravac istraživanja orjentisan je ka ispitivanju patogenih i toksikogenih mikrogljiva i bakterija, kontaminanata sredine, sa ciljem primene biološki aktivnih supstanci različitog porekla (metabolita biljaka, mikromiceta i makromiceta, sunđera, briozoa, sintetičkih supstanci), kao i ispitivanje njihove antimikrobne aktivnosti *in vitro* i potencijalna primena u industriji hrane. Interesantan i značajan aspekt naučnoistraživačkog rada odnosi se na ispitivanje *antiquorum* sensing aktivnosti odabranih biološki aktivnih metabolita na vrste roda *Canidia albicans* i *Pseudomonas aeruginosa*, što spada u najnovija svestka istraživanja u polju rezistencije mikroorganizama. Publikovala je kao autor/koautor 119 radova u međunarodnim časopisima, sa preko 1366 citata, a vrednost *h* indeksa iznosi 19. Član je Udruženje mikrobiologa Srbije; Federation of European mikrobiological societies (FEMS); ISHAM-International Society of Human and Animal Mycology; Društvo za Fiziologiju Biljaka Srbije.

Predavanje: Jestive i lekovite gljive - Uticaj na zdravlje ljudi



Ana Ćirić (born 1972.) is a senior research associate at the Department of Plant Physiology of the Institute for Biological Research "Siniša Stanković", University of Belgrade. At the beginning of a career her focus of scientific research was extraction and isolation secondary metabolites of micromycetes and plants. Later, the new direction of the research was oriented towards the study of pathogenic and toxicogenic microorganisms and bacteria, environmental contaminants, with the aim of applying biologically active substances of different origin (plant metabolites, micromycetes and macromycetes, sponges, bryozoa, synthetic substances), as well as testing their antimicrobial activity *in vitro* and potential applications in the food industry. Interesting and important aspect of her scientific research work is the testing of *antiquorum* sensing activities of selected biologically active metabolites on species of the genus *Canidia albicans* and *Pseudomonas aeruginosa*. She published 119 manuscripts in Journals indexed to ISI Web of knowledge, has over 1366 citations and the value of *h* index is 19. She is memberships in scientific societies: Serbian Society for Microbiology, Federation of European Microbiological Societies (FEMS), ISHAM-International Society of Human and Animal Mycology, Serbian Plant Physiology Society.

Lecture: Edible and medicinal mushrooms - The beneficial role for human health

