

CURRICULUM VITAE ROMANA RUŽIČ

Romana Ružič was born in 1964 in Ljubljana, Slovenia, EU. During the study of Biology she participated in the research of herbicide effects on the mycorrhizal development in the laboratory for Plant physiology (at Prof. Dr. Nada Gogala). She acquired the diploma in the year 1988 with the study of a fern *Nephrolepis exaltata*, grown in tissue culture. For the gradual thesis she was awarded with the Preseren award in 1989. The same year she got employed at a young biotechnological company Bioteh and at the same time continued with her study at a Center for biotechnology. Practical experiments were performed at the Institute for wood and forest management with Prof. Dr. Igor Jerman as a mentor. She was engaged with tissue cultures of chestnut, which were exposed to different types of weak-intensity magnetic fields. This was a new line of research in biology. She completed the Master's degree in 1992 and in 1993 continued with the doctoral study at the Institute BION with Prof. dr. Igor Jerman and Prof. dr. Nada Gogala as mentors for the study of effects of weak electromagnetic fields on organisms, especially seed germination and mycorrhizal fungi. She finished her doctoral thesis in 1996. In later years she worked in the field of bioelectromagnetics, especially in the development of biological sensors for detecting the effects of weak electromagnetic radiation on organisms (<http://www.bion.si/BiolSenzor03/BiolSensorE.htm>). At the same time she participated in the development of a new technology "Information Bioelectromagnetics" (<http://www.bion.si/InbionikaE.htm>) with which she is still engaged today. She also participates in some of the studies with measurements of electric field absorption and emission as an indicator of an active electromagnetic nature of organisms. She is a member of Editorial board of peer-review magazines "Electromagnetic Biology and Medicine" and "International Journal of High Dilution Research".