

## Animal Health Presentations

The Award for the most Innovative Animal Health Project goes to:  
**University of Ljubljana, Faculty of Pharmacy**

**Urban Košak**, Researcher, is the winner of this year's edition of the Animal Health Presentations, with its project from the **University of Ljubljana, Faculty of Pharmacy**.

"Biofit was an awesome experience because I got the opportunity to present the results of my team's research work to representatives of animal and human health pharmaceutical companies. They gave me a lot of invaluable advice that will help me and my team reach our desired professional goals."

About the project:

At the Department of Pharmaceutical chemistry at the University of Ljubljana, Faculty of Pharmacy we have developed a new selective butyrylcholinesterase inhibitor that increases brain levels of acetylcholine, the neurotransmitter in the brain responsible for memory and learning. Our compound improves memory, cognitive functions and learning abilities of mice with induced symptoms of Alzheimer's disease. It is not active only in laboratory animals, but in actual patients. Our inhibitor improves cognitive functions and quality of life of dogs suffering from canine cognitive dysfunction. Most importantly, our compound does not produce the cholinergic adverse effects typical for other drugs that increase brain levels of acetylcholine. We have patented our inhibitor and are looking to license it to an animal or human health pharmaceutical company.



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