



## Foreword from the BioApp project coordinator dr. Uroš Novak

🕒 *We are in the last year of the BioApp project (end 31.3.2020); the hard part is over, it's time to get out of the lab, to present, show, tell, discuss, improve or just listen.*

*The last year of the project will be devoted to all of you.*

*Instead of wondering whether life without synthetic plastic is possible, we rather take inspiration from nature and look at what can be (re)used to replace it.*



## Ecotrophelia 🌿

Our eco packaging for a delicious vegan burger was presented at Ecotrophelia - a competition for students in the field of developing new innovative food products. 🍷 We are extremely proud of the team and wish them great success!



**Do you know what beer and food packaging have in common?**

**It's HOP! 🧠**

If you are wondering how it is possible, our [new article](#) is the right address for your answer! The BioApp team is proud to present novel antimicrobial chitosan-based films with incorporated hop extract. We believe that our small contribution could help in paving the way towards the further development and application of novel biodegradable and active food packaging materials.



**Have you seen us on TV? 📺**

This time we were on [Planet TV](#) where we presented our alternatives for ✗ plastic packaging from ✓ natural biopolymers.



### BioApp's new publications

Scientists have conducted a study within the BioApp project, which opens up opportunities for novel applications and concepts in materials science. 📄

It has been published in the Journal of Carbohydrate Polymers.

#### **Boric acid as a constructor, organizer and demolition man** 💡

The study was devoted to the unusual role of boric acid in the active network using lactitol-bearing chitosan (CTL). The boric acid has displayed three main abilities acting as network-nucleator, network reorganizer and network disassembling agent. To see how boric acid to CTL interaction could be modulated, read the following [article](#).





### Znanstival 2019

Since we are passionate about the promotion of science, we could not miss out on being part of Znanstival, a three-day festival intended to encourage curiosity and creativity and to promote education and science. It took place on the streets, bridges and the markets of Ljubljana.



### CaseWeek Slovenia

BioApp participated in the [IAESTE](#) event "[CaseWeek Slovenia](#)" and was inspired by the incredible ideas the students came up with. We were happy to see that they care about the issue of plastic pollution.

Gospodarska  
zbornica  
Slovenije  
  
Zbornica kmetijskih  
in živilskih podjetij



### Big Spring Food seminar

Organized by the Chamber of Agricultural and Food Companies, the Big Spring Food Seminar took place at the Chamber of Commerce and Industry of Slovenia. Participants were informed

about the current challenges of the food industry and its novelties. We presented our eco-friendly foils and their impact on food shelf life.



### "Research day IT-SI"

We were honoured by the invitation to present BioApp as a success story of collaboration.



### "Bioeconomy and Bio-based Industry for the Rural Renaissance of Regions"

We presented the benefits and opportunities arising from joining the BioApp's Transregional Technological Platform at the Bioeconomy and Bio-based Industry for the Rural Renaissance of Regions event at Trieste.



- Our partner UNITS will attend the [XVI National Congress of Rheology](#) in Rome, Italy, on 18-21. June 2019

## Let's talk at

[bioapp.project@gmail.com](mailto:bioapp.project@gmail.com)

We're new on Twitter, come support us by [following!](#) 

Subscribe to our newsletter



[Website](#)

[Facebook](#)

[LinkedIn](#)

[YouTube](#)

[Twitter](#)

[Instagram](#)

[Email](#)

---

*Copyright © 2019 National Institute of Chemistry, All rights reserved.*

Want to change how you receive these emails?  
You can update your preferences or unsubscribe from this list.



