



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

Plastic is not just an isolated problem that we can banish from our lives, but simply the most visible product of uncontrolled consumption during the past half-century. This problem seems to be easily understandable since the plastic-based materials are things that people purchase and throw away. We can see it and touch it, and in a way, it feels like everything is under control. Even if nothing has been done to tackle this problem, people feel they could do it if they really want to – and in the most immediate way possible, by simply picking it up and putting it in the right recycling bin.

Can we envision our life without plastic? The answer is not so simple since we are missing the realistic alternatives for its replacement.

In the living world (plants, animals, microorganisms) there are no landfill and waste. It is all about the circulation of the resources. Can the same scheme be used in regards to the "overused plastic" problem?

Join us on **7.11.2019 from 12:30 till 16:00 at the Technology park Ljubljana** to find out how far we have progressed with biopolymers utilization in food, cosmetic, and biomedical applications.





[BioApp team in Slovenia.](#)

We fight for our planet, not for our country. Scientist against plastic



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We have a new product (its not chocolate 😊). How to put the news out? Science slam broadcasted live on youtube sounds like a right way to do it. Wanna see the Scientist against plastic Uroš and Ana in action check the link (from 15 min till 23 min) <https://youtu.be/SBTZA6qMeEk>  
[#scientistagainstplastic](#) [#science](#) [#scienceslam](#) [#chocolate](#) [#zerowaste](#)  
[#scienceonthestreet](#)



Active participation of BioApp team at the Slovenian Chemicals day 2019 conference. [#scientistagainstplastic](#) [#lecture](#) [#poster](#) [#conference](#)



In collaboration with [Institute for cellulose and paper](#) we have created cardboard biopolymer foil combination. The foil is from 100% renewable resources and is completely biodegradable.



Dr. Uroš Novak is one of the 73 authors of the first Slovenian [handbook](#) The development of packaging in a circular economy. It highlights how to achieve sustainable packaging, the development challenges facing the entire packaging industry, and in particular the production of plastics. In terms of content, it represents the entire value chain involved in the product life cycle. (in Slovene)





BioApp event #3 - Technology park Ljubljana 7.11.2019; 12:30-16:00

### **Can biopolymers be an alternative to single use plastic?**

Biomaterials – presentations (10-15 min)

Technology – presentations (10-15 min)

Vision and products – panel discussions (2 h)

(If you want to present please send an email to [uros.novak@ki.si](mailto:uros.novak@ki.si))

# Know-How



- modification and characterisation of biopolymers
- biopolymer process optimization
- biopolymer valorization
- biopolymer scale-up
- preparation of end products from biopolymers
- technology transfer



[BioApp event 7.11.2019 ; 12:30-16:00](#)  
[Technology\\_park Ljubljana building B](#)

**Let's talk at**

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

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