

**INNOVATIVE APPROACH TO
HULL-LESS SPRING CEREALS AND
TRITICALE USE FROM HUMAN
HEALTH PERSPECTIVE**

NFI/R/2014/11

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23.09.2015.

IMPORTANT DATES

- **30.09.2015. at 15:00** VIAA seminar about completion and submission of the report for research projects.
- **till 27.11.2015.** mid-term report No. 1 (reporting period 01.03.2015.-30.10.2015.) has to be submitted in VIAA
- each partner has to submit **electronic reports** to the leading partner LLU (e-mail: jelena.zagorska@llu.lv and evita.straumite@llu.lv) till **16.11.2015.**

WP1 Site-specific evaluation of triticale and hull-less spring cereals



NIBIO

NORWEGIAN INSTITUTE OF
BIOECONOMY RESEARCH



Key expert - Dr. Arta Kronberga (SPPBI)
e-mail: arta.kronberga@priekuliselekcija.lv

WP1 outcomes

- **internationally refereed scientific publication – 1 (22nd month);**
- **scientific publications co-authored together with researcher from Norway – 2 (12th and 22nd month);**
- **scientific publication – 1 (20th month);**
 - E.Straumite, M.Sabovics, A.Kronberga, L.Labanovska **Rheological properties of triticale (*Triticosecale Wittmack*)** - publication submission deadline 22.10.2015.
- **seminar – 1 (20th month (target group - cereal producers));**
- **presentations at scientific events – 4 (1 - 6th month; 1 – 10th month; 2 – 18th month);**
 - E.Straumite, M.Sabovics, A.Kronberga, L.Labanovska **Rheological properties of triticale (*Triticosecale Wittmack*), Joint ICC/AISTEC Conference “Grains for Feeding the World” Italy, Milan (1.07.2015.–3.07.2015.)**
- **scientific and other reports – 2 (12th and 24th month).**

WP2 Development of germinated cereal flakes production technology



**Key expert - Dr. Tatjana Rakcejeva (LLU)
e-mail: tatjana.rakcejeva@llu.lv**

WP2 outcomes

- **internationally refereed scientific publication – 1 (20th month);**
- **scientific publication co-authored together with researcher from Norway – 1 (16th month);**
- **scientific publications – 1 (16th month)**
 - T.Rakcejeva, D.Klava, I.Cinkmanis, R.Galoburda, E.Straumite **Starch breakdown and formation of sugars during triticale grains germination** – submission deadline of publication 25.10.2015.
- **seminar – 1 (19th month (food producers and consumers));**
- **presentations at scientific events – 4 (1 – 6th month; 1 – 12th month; 1 – 17th month; 1 - 20th month)**
 - Z.Kruma, A.Afonkina, D.Klava, E.Straumite Comparison of different methods for extraction of bioactive compounds from oat flakes, EuroFoodChem XVIII, Spain, Madrid (12.10.2015.-18.10.2015.).
 - T.Rakcejeva, D.Klava, I.Cinkmanis, R.Galoburda, E.Straumite Starch breakdown and formation of sugars during triticale grains germination, 8th International Congress on Flour-Bread and the 10th Croatian Congress of Cereal Technologists, Opatia, Croatia (28.10.2015.-31.10.2015.)

WP3 Quality and safety evaluation of breakfast cereals made from triticale and/or hull-less spring cereals



**Key expert - Dr. Dace Klava (LLU)
e-mail: dace.klava@llu.lv**

WP3 outcomes

- **internationally refereed scientific publication – 1 (20th month);**
- **scientific publications – 2 (1 – 12th month; 1- 17th month);**
- **presentations at scientific events – 2 (1 – 10th month; 1 – 18th month).**

WP4 Assessment of glycemic index of grain products



Key expert - Dr. Laila Meija (RSU)
e-mail: laila@meija.lv

WP4 outcomes

- **internationally refereed scientific publication – 1 (22nd month);**
- **scientific publications – 2 (1 – 16th month; 1 – 21st month);**
- **seminars – 2 (1 – 16th month (medical doctors and assistants); 1 – 21th month (nurses));**
- **presentations at scientific events – 3 (1 – 8th month; 1 – 12th month; 1 – 18th month)**

L.Balode, A.Kronberga, G.Havensone, E.Straumite, L.Meija
Dietary value of triticale wholegrains, EFAD (European Federation of the Associations of Dietitians) conference, Amsterdam, Netherland (22.-24.10.20015.)

WP5 Publicity and dissemination



Key expert - Dr. Zanda Kruma (LLU)
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**Thank you for
attention!**