

CURRICULUM VITAE

SURNAME **ALEKSEICHUK** FIRST NAME **HALINA**

Official address: V.F. Kuprevich Institute of Experimental Botany,
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Date and place of birth: 10/10/1965, Kaliningrad, Russia Nationality: Belarus

Education:

Ph.D., 1999 – the National Academy of Sciences of Belarus, Minsk, Belarus

M.S., 1988 – the Belarusian State University, Department of Biology, Minsk, Belarus

Career: V.F. Kuprevich Institute of Experimental Botany of the National Academy of Sciences of Belarus:

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|----------------|-----------------------------|
| Present – 2009 | Leader Research Scientist |
| 2009 – 2002 | Senior Research Scientist |
| 2002 – 1999 | Research Scientist |
| 1994-1999 | Junior Research Scientist |
| 1988-1994 | Graduate Research Assistant |

Membership of Professional Societies:

- Federation of European Societies of Plant Biology (*National Representative in Belarus since 2004*)
- Belarus Society of Plant Physiology
- International Society for Seed Science

Research interests:

Seed quality and germination

Current research projects:

The National Projects -

“Seed quality evaluation based on *in vivo* - induced degradation of nuclear DNA” (2006-2010)

“To study the content and composition of carotenoids in crop seeds in relation to peculiarities of their maturation and germination” (2009-2011)

The International Projects -

“Physiological, biochemical and cytogenetic peculiarities of dormancy and germination of castor beans (*Ricinus communis* L.) as a feedstock for biodiesel production” (2009-2011). In collaboration with Prof. Alan Taylor (NYSAES, Cornell University, NY, USA) and Prof. Elwira Sliwiska (Bydgoszcz University, Poland).

List of selected publications:

Bulda O.V., Rassadina V.V., **Alekseichuk H.N.**, Laman N.A. Spectrophotometric Measurement of Carotenes, Xanthophylls, and Chlorophylls in Extracts from Plant Seeds // Russian Journal of Plant Physiology. – 2008, Vol. 55. - N4. - C.544-551.

Alekseichuk H.N., Bulda O.V., Laman N.A. Xanthophylls accumulated in aged cabbage seeds // 9th ISSS Conference on Seed Biology (6-11 July 2008, Olsztyn, Poland): Polish Journal of Natural Sciences. – 2008, N 5 (Supplement). – P. 227.

Zadvornova Y.V., **Alekseichuk H.N.**, Laman N.A. Investigation of DNA integrity in germinated cabbage seeds with different quality // 9th ISSS Conference on Seed Biology (6-11 July 2008, Olsztyn, Poland): Polish Journal of Natural Sciences. – 2008, N 5 (Supplement). – P. 258.

Zadvornova Y.V., **Alekseichuk H.N.**, Laman N.A., Khrupach V.A., Bergervoet J.H.W., Groot S.P.C. Influence of epibrassinolide and homobrassinolide on activation of the cell cycle in cabbage seeds with different maturation and quality // Advances of Agricultural Sciences. Problem Issues, Issue 509. . – Warsaw, 2006. - P.353-359.