

Curriculum Vitae

Shtarkman Yury Mikhailovich
PhD student

*Department of Biological Sciences, Bowling Green State University,
Bowling Green, OH 43403*

EDUCATION

2004-2007. PhD in plant genetics (in process). Vavilov All Russian Institute of Plant Industries. “Durable resistance of wheat and barley samples to plant pathogens and serials of aphids” Advisor: Radchenko E.E.

1999-2004. Specialist in biology teaching and psychology. Biology department. Russian Hertsen State Pedagogical University.

2001. Teacher of English. Faculty of Foreign Languages. Russian Hertsen State Pedagogical University.

AREAS OF INTEREST

RESEARCH AREAS:

Plant genetics; molecular genetics; genetic mechanisms of plant defense; pathogen genetics; biochemistry.

Methodics of gene analyzes; complex graphical and statistical approaches; electrophoresis; PCR and other techniques.

RESEARCH EXPERIENCE

Fall 2004 – spring 2007 PhD student. Vavilov All Russian Institute of Plant Industries. Department of plant genetics.

TEACHING EXPERIENCE

Undergraduate Student

Fall 2002. Biology teaching practice I.

Spring 2003. Biology teaching practice II.

Fall 2004. Teacher of chemistry in 19 High School.

Laboratory Coordinator

Fall 2006 – summer 2007 Department of plant genetics. Vavilov All Russian Institute of Plant Industries.

CONFERENCES AND WORKSHOPS

1. 2005 Spring. Tyryshkin L.G., Kolesova M.A., **Shtarkman Y.M.** INFLUENCE OF GENES FOR VIRULENCE IN *Puccinia recondita* COMPLEMENTARY TO WHEAT EFFECTIVE GENES FOR RESISTANCE TO THE PATHOGEN FITNESS (Sweden conference in Agricultural university of Pushkin)
2. 2005 Fall. Radchenko E.E., **Shtarkman Y.M.** INFLUENCE OF GREENBUG GENES FOR VIRULENCE COMPLEMENTARY TO EFFECTIVE SORGHUM GENES FOR RESISTANCE TO THE PEST FITNESS (7th aphid symposium in Australia, Fremantle.)
3. 2006 Spring. Radchenko E.E., Tyryshkin L.G., Kolesova M.A., **Shtarkman Y.M.**, Zubov A.A., Kurbanova P.M. PHENOTYPIC VARIATIONS IN SUBPOPULATIONS OF DARK-BROWN LEAF SPOT BLOTCH (caused by *Bipolaris sorokiniana* Shoem.) AFTER 4 PASSAGES (sub cultivating cycles) ON THE SUSCEPTIBLE WHEAT VARIETY – LENINGRADKA. (Russian Fund of Basic Research, grant project)
4. 2006 Fall. Tyryshkin L.G., **Shtarkman Y.M.** SOMACLONE WHEAT RESISTENCE TO *Bipolaris sorokiniana* Shoem. IN THE FIELD (North-West Scientific-Methodic Center, Russian academy of agricultural science, conference materials)
5. 2007 Spring. **Shtarkman Y.M.**, Kovaleva M.A. RESISTENCE OF WHEAT VARIETIES CONTAINING DIFFERENT DIMBOA LEVEL TO APHIDS (Agricultural university of Pushkin, Students conference)

6. 2007 Spring. Radchenko E.E., **Shtarkman Y.M.**, Kovaleva M.A. CROP PEST POPULATION STUDY ON WHEAT VARIETIES (Agricultural university of Pushkin, professor-teachers stuff conference)

7. 2005 Spring. Tyryshkin L.G., Kolesova M.A., **Shtarkman Y.M.** INFLUENCE OF GENES FOR VIRULENCE IN *Puccinia recondita* COMPLEMENTARY TO WHEAT EFFECTIVE GENES FOR RESISTANCE TO THE PATHOGEN FITNESS (Sweden conference in Agricultural university of Pushkin, presentation)

8. 2007 Spring. Radchenko E.E., **Shtarkman Y.M.**, Kovaleva M.A. RESISTENCE OF WHEAT VARIETIES CONTAINING DIFFERENT DIMBOA LEVEL TO APHIDS (Agricultural university of Pushkin, poster, professor-teachers stuff conference)

9. 2007 Spring. **Shtarkman Y.M.**, Kovaleva M.A. RESISTENCE OF WHEAT VARIETIES CONTAINING DIFFERENT DIMBOA LEVEL TO APHIDS (Agricultural university of Pushkin, presentation, student's conference)

LANGUAGE FLUENCY

Native Russian speaker

English

French