

Change in the genome of transgenic animals



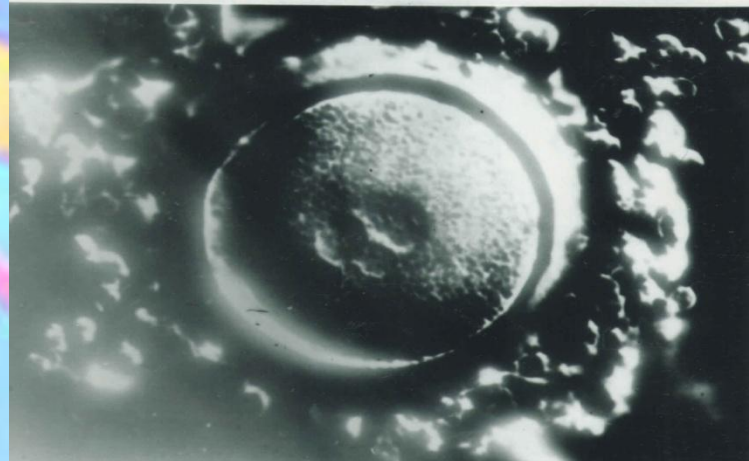
Kozikova L.V.

Dr. Habil. (Biol. Sci.), leading researcher at the Laboratory of Molecular Genetics, Russian research institute of farm animal genetics and breeding — branch of the L. K. Ernst Federal science center for animal husbandry, St. Petersburg, p.Tjarlevo, Moskovskoe shosse, 55a;

Fig.1. Zygotes of rabbits with one (syngamy, two, three and four pronuclei).



а /в центре/



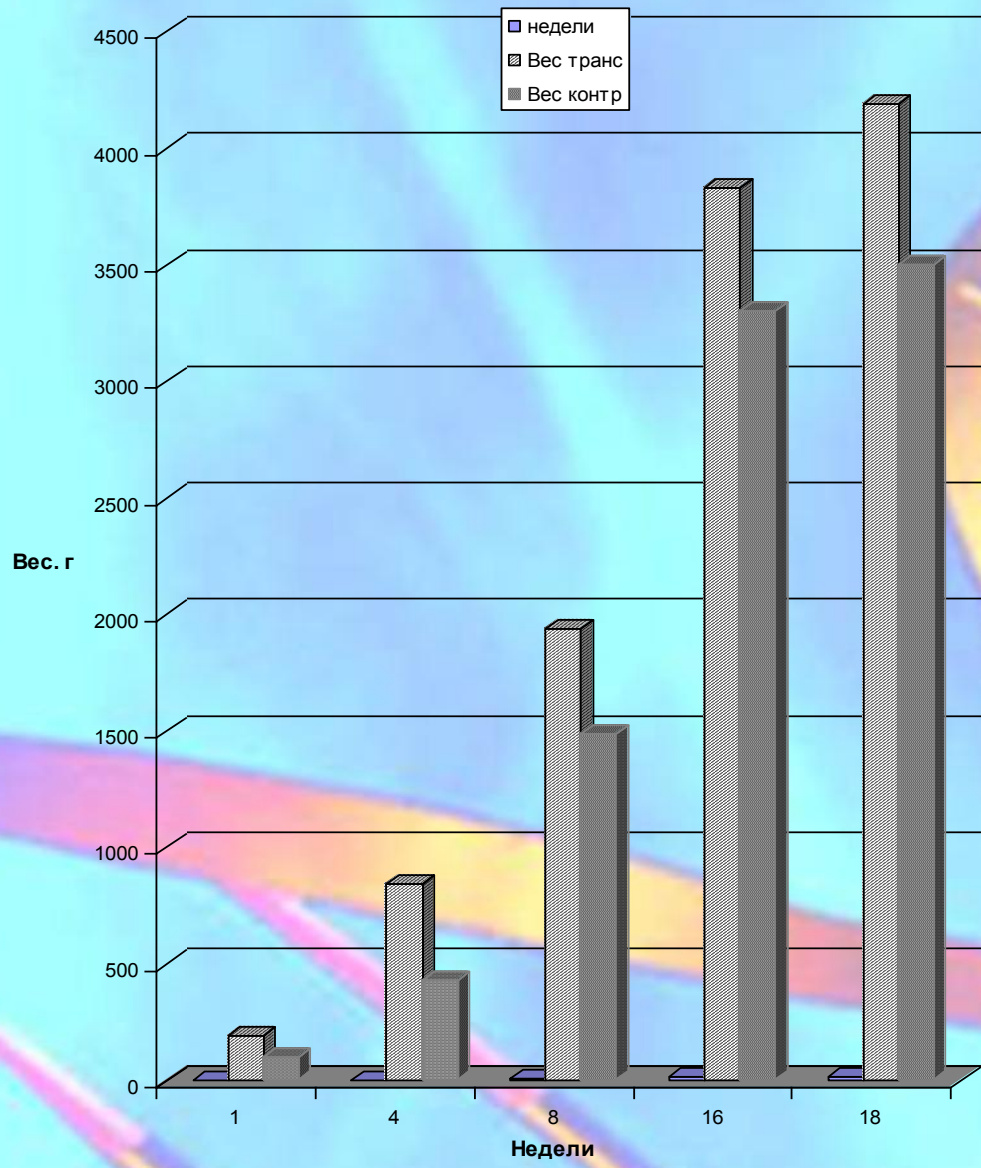


Fig. 3. Fig.3. Weights of descendants of transgenic rabbits(F1) and their control peers

Fig.4 Micronuclei of erythrocytes of blood of pigs obtained after introduction into the genome of hGRF gene.

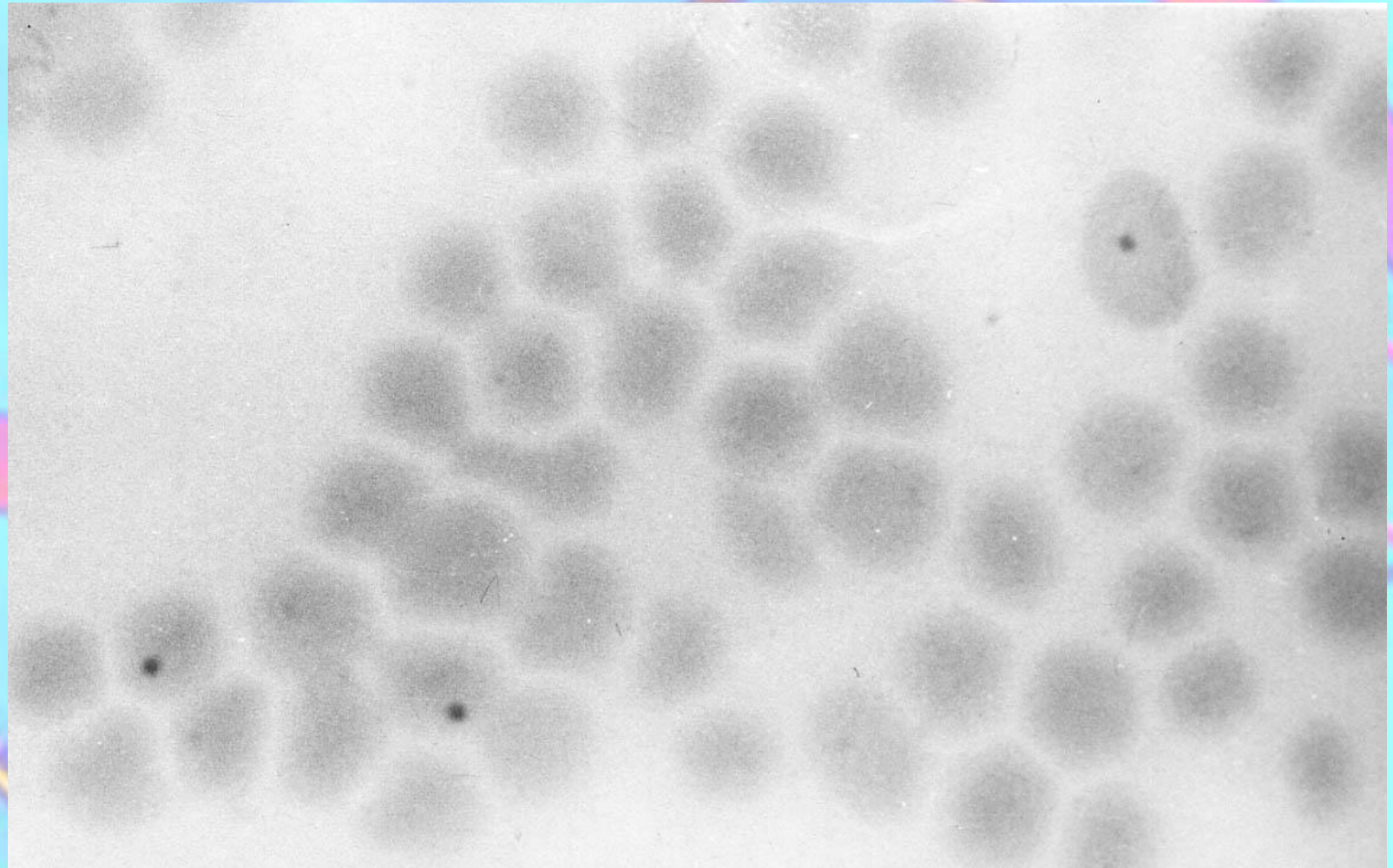


Fig.5. Mitotic chromosomes of transgenic boar with *hGRF* gene with association of five acrocentric chromosomes



Fig. 6 Transient expression of GFP in loach embryos (72 hpf during normal development)

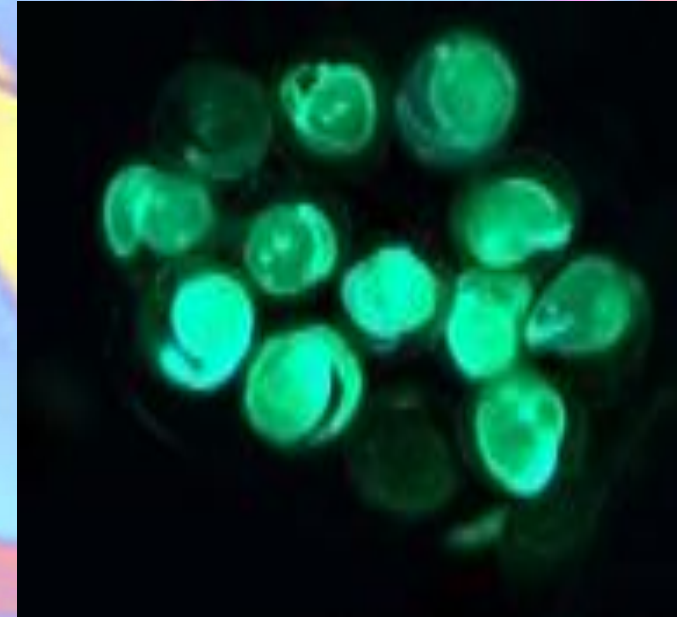


Fig. 7 Transient expression of GFP in loach embryos 96 hpf (right abnormal development) We observed gradual decay of the EGFP fluorescence in embryo cells and increase of fluorescence in yolk syncytium. EGFP expression was detected in individual cells clones, located in epidermal and myofibril cells.

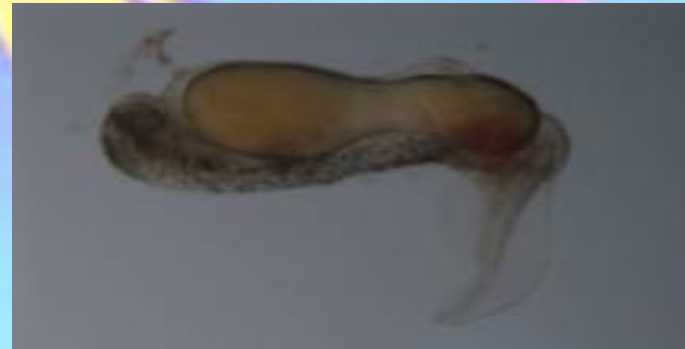
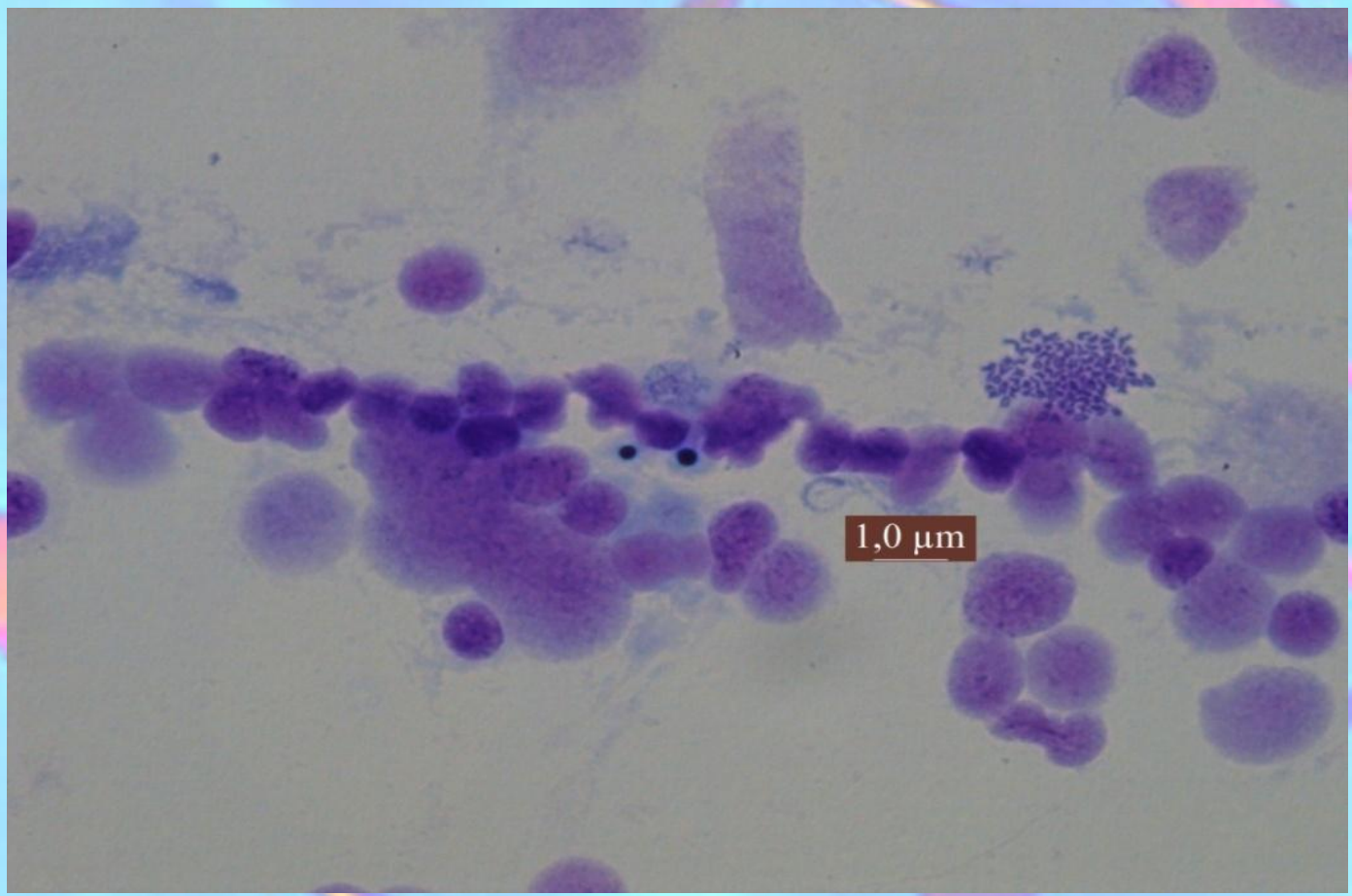


Fig. 8 Pycnotic nuclei in transgenic loach embryos



A pair of glasses with a blue and purple gradient background. The glasses are positioned in the upper right and lower left corners of the slide, with the lenses and frame visible. The background is a soft, out-of-focus gradient of blue and purple.

Thanks a lot for your attention

Authors: Kozikova L. V., Polteva E. A.

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