

V.P. Berdnyk, S.V. Aranchiy, I.Yu. Berdnyk The basis and development of veterinary formation on Poltava // News of Poltava State Agrarian Academy. – 2007. – №3. – P.7-10. The history of the basis and development of veterinary formation on Poltava in XIX – XX century is covered.

I.I. Panikar Antibiotiko feelino mikroflory guails of farms and its meaning in preventive maintenance of bakterios // News of Poltava State Agrarian Academy. – 2007. – №3. – P.11-13.

On farms of Ukraine only bacterial etiology diseases were registrated. In farms, who are investigated, resistant to antibiotics were correlated in quail farms, who are various contacts. It is need to research of antibioticgrams quail's farms for prophylactics of bacterial diseases.

S.K. Rudic, I.V. Yatchenco The veterinari-assistant medical school in kharkov veterinary institute by the end XIX centuri – the begin XX centuri // News of Poltava State Agrarian Academy. – 2007. – №3. – P.14-18.

In work the represented history, organizational and subject systems of school of medical veterinary-assistant, which was opened at the Kharkov veterinary institute on Nay, 8, 1873.

V.B. Borysevyeh, B.V. Borysevyeh, V.O. Dorsachuk, S.M. Tkachtnko, P.K. Soionin, N.M. Khomin Patogenez, symptoms and treatments uveitov at an animal // News of Poltava State Agrarian Academy. – 2007. – №3. – P.19-21.

The study of development of an inflammation of an environment of an eye apple is carried out, the complications are found out, the methods of treatment are submitted.

V.F. Galat, V.A. Yevstafyeva, M.V. Galat Distribution of the associated invasions of pigs in the conditions of forest-steppe and steppe areas of Ukraine // News of Poltava State Agrarian Academy. – 2007. – №3. – P.22-24.

Specific composition of excitors of the associated diseases of pigs is set in the economies of the Poltava, Kyrovograd and Kiev regions. Basic associations of vermin are certain in the conditions of forest-steppe and steppe areas of Ukraine: askaryses + ezofagostomes + eymeryes + balan-tydyes, askaryses + eymeryes + balantydyes, ezofago-stomes + balantydyes.

N.P. Nischemenko, N.M. Samoray, T.B. Prokopishina, P.I. Sidochuk, I.N. Nischemenko Malon dialdegides content in blood serum calves after subcuties introduction of amino acids // News of Poltava State Agrarian Academy. – 2007. – №3. – P.25-26.

Lysine, arginine and methionine granules, introduced to young cattle by subcuttem implantation promoted increase of malon di aldegids concentration in blood serum of experimentals animals in comparison to a control group has.

O.I. Panasenko, Y.H. Knysh, V.V. Parchenko, A.G. Kaplaushenko, A.S. Gotsulya, U.V. Makovik, S.N. Kulish, V.I. Izdepsky, B.P. Kyrychko Synthetis, physico-chemical properties and biological activity of 2-(5-R'-4-R-1,2,4-tryazol-3-ilthio)acetic acids and its salts // News of Poltava State Agrarian Academy. – 2007. – №3. – P.27-28.

The synthesis of 2-(5-R'-4-R-1,2,4-tryazol-3-ilthio)acetic acid and its salts has been carried out. The structure of receiving substances has been confirmed by means of elements analyses, UV-, IR-spectroscopy. The antiinflammatory, antimicrobial and others activities have been investigated.

O.E. Galatyuk, T.O. Romanishina Definition of a biological potency α -interferon in the microneutralization test in serum of a blood of the rabbits, infectioning BLV // News of Poltava State Agrarian Academy. – 2007. – №3. – P.29-32.

In a stuff of the article the dynamic changes of levels of an

α - interferon are submitted during 6 months in serum of a blood of the rabbits, infectioning by a virus of a leukosis of the large cattle. In the microneutralization test the authentic increase of parameters of a biological potency α - interferon in serum of a blood animal with combipheroni for 1 and 7 day before contamination BLV is revealed.

G.G. Dovgiy, D.V. Feschenko The conception of basis economical sufficiently and it concequences at the treating with helmintic diseases // News of Poltava State Agrarian Academy. – 2007. – №3. – P.33-35.

The article deals with results on research investigations the peculiarities of forming pig's polinematodes invasion. Also in the article was concentrated attention on the problem to following the conception of basis economical sufficiently at the treating with helmintic diseases on example of using brovermectin in dose 0,3 ml/10kg.

G.P. Grischuk, G.M. Kalinovsky, A.S. Revunets, Yu.V. Kovalchuk The maintenance of microelements in a placenta and blood of cows // News of Poltava State Agrarian Academy. – 2007. – №3. – P.36-38.

The results of researching of microelements content of placenta and blood of cows under the normal calving and under a pathology of third stage of calving are presented. It proved that placental barrier is main in the regulation of transformation of microelements from mother blood into fruit.

I.S. Dakhno, G.P. Dakhno, K.P. Zhdanova, O.V. Kru-chinenko Medical efficiency of rafensoli at fasciolosis, paramfistomosis and strongilatos of bodies of digestion at large horned cattle // News of Poltava State Agrarian Academy. – 2007. – №3. – P.39-41.

Is established, that rafensoli provides 100 % effeeciency at disease of large horned cattle by the fasciolas, paramfistomas and strongilates of bodies of digestion and positively influences to biochemical processes in the body of animals after its application.

D.M. Kambur, N.M. Soroka, A.A. Zamazyi, M.A. Pet-renko Influence of metionin and lizin upon exchange process in calf's organism // News of Poltava State Agrarian Academy. – 2007. – №3. – P.42-43.

In this article was revealed problem of provision calf's with irreplaceable aminoacid during period of scar digestion's formation. Fixed, that provided calf's while early neonatal period of their life.

I.I. Panikar The situations of epizootology respiratory virology diseases in various regions of Ukraine // News of Poltava State Agrarian Academy. – 2007. – №3. – P.44-46.

Quail becoming popular in many country of world and Ukraine. The epizootology of diseases were investigated. The outbreaks of virology diseases in Ukraine have not been reiterated, however of antibody a many viruses of poultry in the serum of blood of quails in various farms were found. Aantibody against of influenza and Newcastle diseases were not found.

M.V. Skrypka Morphological changes at khlamidoze in heart and easy pigs by age about two months // News of Poltava State Agrarian Academy. – 2007. – №3. – P.47-48.

Sucking-pigs'lungs are younger than two monthes, which are ill on the chlamidiosis, have grey-and-white parts of the fleshy consistence. These parts project over the organ's general area, at the gistological level the thickening and the infiltration by lymfacytes and monocytes of the intenstine tissue, the serose ecsudation at the alveols are registered. In a heart a concentration of the thickening myocardium, the granular dystrophic and the necrosis of myocardiocytes are characterial.

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S.M. Kulinich Phagotsitaritat activity of leukotsits at the cows of the patients purulent in the field of a finger // News of Poltava State Agrarian Academy. – 2007. – №3. – P.49-50.

The functional activity polymorboiadernykb leukotsits of the cows belonging DP NDH and agricultural 'Dzherelo' to shop, suffer on purulent nekrotic processes is established in the field of a finger.

M.I. Gill Peculiarities of the methematical model of growing the cow's yonger generation with different genotypes and their following milk productivity // News of Poltava State Agrarian Academy. – 2007. – №3. – P.51-56.

The research of link in the processes of early postnatal ontogenesis in calves and with their following milk productivity was carried out. The authentic high exactness of evaluation the process of changing the alive mass and the following milk productivity was determined.

S.V. Rublenko Clinical characteristics of different anesthesia schames in dogs at operativeprocedures // News of Poltava State Agrarian Academy. – 2007. – №3. – P.57-60.

It is shown the data on the use of developed by author scheme of anesthesia in dogs depending on the type of pain reaction – abdominal pathology and osteosyntesis. There was established that at abdominal operation Acepromazine-Ketamine-Propofol scheme of anesthesia gives the possibility to active adequate anesthesia. While doing osteosyntesis effective composition is Acepromazine, Ketamine and Butorfanole.

E.V. Titarenko Efficiency of application the Echinacea purpurea for prophylaxis of swine salmonellosis // News of Poltava State Agrarian Academy. – 2007. – №3. – P.61-63.

The article is dedicated to the study of increasing efficiency of swine salmonellosis. The necessity of application of means of correction immunity status of pigs have been vaccinated against the salmonellosis with addition of the Echinacea purpurea in the ration.

There have been developed a method of increasing the efficiency of prophylaxis of swine salmonellosis with addition in the ration of pigs have been vaccinated against the salmonellosis.

E.B. Kirichko The influence of the Poltava bishofit on morphological state of same internal organs of white mouse // News of Poltava State Agrarian Academy. – 2007. – №3. – P.64-66.

The Poltava bishofit in optimal doses using don't occurred destruction changes of the internal organs of white mice, tocsical doses (LD_{50}) has been occurred the dystrophy of kidneys, glomerulonephritis and erosion gastritis. The haemopoiesis stimulation of spleen and reading marrow Poltava bishofit has been cause.

G.I. Garagulya Possibility use of quail fibroblast cell culture to produce viruses vaccines // News of Poltava State Agrarian Academy. – 2007. – №3. – P.67-71.

The article is dedicated to the investigation use of to cultivate of birds viruses (virus of Marek's disease, Newcastle disease, Turkey's herpesvirus, avireovirus) and mammals' viruses (myxomatosis, Aujeszky's disease). The reproduction of viruses had typical citopathological effect and accumulation amount of virus to vaccines making.

L.V. Koreyba, N.V. Zhasan, R.G. Sachko Efficiency mimetona at complicated calve at the cows // News of Poltava State Agrarian Academy. – 2007. – №3. – P.72-73.

It is set that mimeton entered to the cows in the first stage of отелення, effectively influenced on motion of his second stage; maximal action of preparation for a prophylaxis and treatment of delay of dung shows up on 4-4,5 hours after

application.

T.G. Panasova Clinical cases of a pathology of sexual system mare // News of Poltava State Agrarian Academy. – 2007. – №3. – P.74-75.

The article shows spreading of pathologies of the genital system of male dogs in a veterinary center «VET MIR» over January-July 2007 is brought and prepuce, as well as epididymitis and funiculitis, were registered most often. The treatment was conducted by conservative and operative methods. If a male dogs did not present a breeding value, its castration which resulted in the pronounced curative effect was conducted.

V.P. Phasolia Some parameters hemopoes and exchange of fibers at dogs of service breeds // News of Poltava State Agrarian Academy. – 2007. – №3. – P.76-80.

The physiological limits of the contents hemohlobin, general fiber, albumins, quantity eritrotsits, hematortitic bigs of size at dogs of service breeds are established. At the disperization at 23,1 % of dogs is revealed anemia, at 13,6 % – infringement waitings of an exchange, it is obvious, as a consequence of a pathology of a liver.

S.S. Schmayun, A.A. Antipov, S.I. Ponomar, V.P. Goncharenko Pathogenetical mechanism of "vermic" influence on immunobiological reactivity of invasioned swines // News of Poltava State Agrarian Academy. – 2007. – №3. – P.81-84.

As a result of conducted investigations there was established that antihelmintic drug "Vermic" in therapeutical dosage (1 ml per 33 kg of body weight) are immunosupresive when used at intestine nematodoses. The immunosupresive influence are shown by the changes of T-cell chain of immunity, blood bactericidal and lisocime activity. That is why it is recommended the using of the drug together with the medicine that increase the resistancy of animal organism, such as immunostimulates.

V.M. Khandkaryan, V.M. Yukhno, A.F. Kurman, I.M. Ksyonz, L.V. Lepeta, V.V. Kozachkova Methods of obtaining microbless and SPF animals // News of Poltava State Agrarian Academy. – 2007. – №3. – P.85-88.

All the existing methods of obtaining gnotobiotic animals were applied and analysed. Determined was, that methods of gnotobiotic hysterotomy and hysterectomy permitted obtaining microbless animals, and methods of „sterile bearing” and decontamination could be used for obtaining both microbless and SPF-status animals.

L.H. Slivinskaia Influence of anthropogenous loading on the contents of heavy metals in system of a ground – plant // News of Poltava State Agrarian Academy. – 2007. – №3. – P.89-91.

The researches influences and forages on the contents of heavy metals carried out on territory of mines. Ivan-chivckoho of Volynskoi region of area of the Volynsk area are submitted. Is established, that otvaly and terrikons of mines are the basic source of pollution of an environment by heavy metals.

A.P. Bilituk, P.V. Pisarenko, O.V. Skuratowska Biologizatsiya of technology – mean of receipt high harvests and quality of corn // News of Poltava State Agrarian Academy. – 2007. – №3. – P.92-98.

In the article the applications of elements of biologizatsii of technology of growing of winter wheat are grounded on the basis of the complex use of abioticheskikh (soil, climate, weather), biotichnih (sorts, biological components of agrot-senozov and landscapes) and antropogennih (technical, organizational-economic, informative) factors.

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O.V. Barabolia, H.P. Zhemela, V.V. Luchaoy, V.A. Panchenko Influence of mineral fertilizers on quality of macaroni products depending on the predecessors and norms firm // News of Poltava State Agrarian Academy. – 2007. – №3. – P.99-101.

The influence of mineral fertilizers on quality of macaroni products is considered: weight of the dry rest, factor, loss of dry substance firm Kharkov 27. The conditions of formation of qualitative macaroni products are established.

M.M. Kharytonov, R.V. Kryvakovska The prediction model of the vertical soilmoister band salts transfer in the reclaimed tiling terrace for agriculture // News of Poltava State Agrarian Academy. – 2007. – №3. – P.102-104.

New model of vertical moisture transport is offered. In this model vertical moisture transport speed, preliminary appreciated by a balance method, then specified by solving multiple forecast tasks before the best concurrence of settlement sizes to experimental data. Such approach in mathematical model of vertical salt transport on dump has allowed taking into account absorption of a superficial drain.

L.D. Hlushchenko Features of action longest of application of fertilizers on change of nutritious elements in a ground and productivity sevoodorot // News of Poltava State Agrarian Academy. – 2007. – №3. – P.105-108.

It was determined that the using of shallow flat cuted frost cleft soil on the typical black earth on the depth of 14-16 cm instead of plowing gives us the possibility on the every hektare of the tillage to save 5,7-9,6 litres of patrol. And while long term bringiging of the fertilizer the containing of organic substances was higher in 1,9%-8,3% than at the absolute control, and the production of croup rotation was higher in 14-40%.

L.G. Beljavskaja, O.V. Pylypenko Ecological study of grades soybean ukrainian selections in conditions of the Poltava region // News of Poltava State Agrarian Academy. – 2007. – №3. – P.109-113.

The results of experiences on ecological study of grades soybean of the Ukrainian selection in conditions of the Poltava region are submitted. The grades most suitable for cultivation in region on a complex of display of agricultural-valuable attributes and properties are allocated.

A.O.Pavliuk Influence of terms of sowing on growth, development and productivity of hybrids of corn of different groups of maturity in conditions leftbank forest step of Ukraine // News of Poltava State Agrarian Academy. – 2007. – №3. – P.114-116.

With the purpose of optimization of technological processes of cultivation of corn the reduction of industrial expenses on drying of a grain and more effective utilization of bioclimatic potential leftbank forest step is offered. The influence of terms of crop on growth, development and productivity of hybrids is established.

M.A. Pishalenko A history, laws and forecast of mass duplication of the mainest wreckers in left bank of Ukraine and Poltava area // News of Poltava State Agrarian Academy. – 2007. – №3. – P.117-122.

The given historical materials about mass duplication winter sovky, grain zhuzhelitsy, harmful rakysky and grain bug – kuzka in left bank of Ukraine. The laws of mass duplication of the specified wreckers are shown and the regional long-term forecast of a beginning their next of cycles is developed.

A.A. Hetia, A.I. Lebedynsky, O.H. Moroz Optimization of index selection by improvement of economic weight factors // News of Poltava State Agrarian Academy. – 2007. – №3. – P.123-126.

The results of account of economic weight factors for attributes fatten of qualities of pigs are given, and also the selection index for definition of selection value of breeding pigs is offered to introduction.

N.D. Golub, A.M. Salogub Productive qualities of pigs of large white breed public limited company firm “Rodyuchist” and way of their improvement // News of Poltava State Agrarian Academy. – 2007. – №3. – P.127-129.

Economic and zootechnic characteristics of a breeding reproducer on cultivation of pigs of large white breed by Public LTD firm “Rodyuchist” is given in the article. The characteristic of development and efficiency of the basic herd of pigs in a whole and in the section of genealogic families is given also.

The improvement of productivity is carried through estimation and selection of herd replacement on the base of productivity, revealing more productive genealogic families and their intensive use.

N.N. Opara A history of scientific achievement in branch pigs on Poltava // News of Poltava State Agrarian Academy. – 2007. – №3. – P.130-132.

The brief history of development pigs on Poltava is resulted, the basic directions of scientific researches of outstanding scientific branch are covered.

G.A. Udovichenko Tests the graingatherid of combines // News of Poltava State Agrarian Academy. – 2007. – №3. – P.133-137.

The actual problems expounded satiate with region about combine harvester. Give a results research into native and foreign harvesting equipment.

S.I. Volkov, L.E. Zavorotny, A.I. Zatserklyany, S.V. Pikalo Ultrasonic sensor of water-level // News of Poltava State Agrarian Academy. – 2007. – №3. – P.138-139.

Purposed ultrasonic sensor of water-level for tower of Rozhnovsky and other containers. UHrasonic sensor have not lacks, which inhere in other sensors that use in this time.

L.M. Korchan, M.I. Korchan, A.B. Boroday Efficiency promectine and his influence on parameters of blood at goats patients muellerius // News of Poltava State Agrarian Academy. – 2007. – №3. – P.140-143.

Results of research of antigelmint preparation promectine efficiency in treatment muellerius for goats and its influence on separate parameters of blood are described in this article.

O.S. Klimenko Influence selehumata, levaveta 10 % and ekhinatseia purple on hematological parameters animal, patients on setarious // News of Poltava State Agrarian Academy. – 2007. – №3. – P.144-147.

The positive influence of immunomodulators Selegumate, Levavet and Echinacea purpurea on the hematologic indices of sick animals under Setariosis has been established by researches.

O.S. Havrylenko Influence of consequences of failure on ChAES on cows and pigs // News of Poltava State Agrarian Academy. – 2007. – №3. – P.148-150.

The influence long constant combined (internal and external) irradiation on cows is established which contain in the third and second zones of radioactive pollution.

V.M. Mukovoz Diagnostics of dermatophytosis of animals // News of Poltava State Agrarian Academy. – 2007. – №3. – P.151-152.

As a result of conducted work was made the identification and studied field isolates of dermatophytes, which circulate on the territory of Ukraine. Cultural-morphological properties of field isolates of dermatophytes, which are singled out from sick horses are typical for the trichophyton sort.

V.V. Zakharin The blood the biochemical of heifers of the

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black-piebald breed before and after calving which was raised in zhitomir region // News of Poltava State Agrarian Academy. – 2007. – №3. – P.153-156.

The using of phetoplacentat to heifers of black-piebald breed in 45 days before the calving and twice with week-interval after the calving and feeding them of saponit and sulfur promoted to increasing of content of glutation, glucose, carotin, general protein, protein fractions and decreasing of ALT-, AST-activity, general calcium and non-organic phosphorum.

N.I. Dmitrenko The informatively of some indexes of blood by nephritis of cats // News of Poltava State Agrarian Academy. – 2007. – №3. – P.157-159.

It had been analysing blood of cats who has kidney disease. Cheanging of concentration urine and kreatinin which are characterizing importans of patologic proces in hidney and condition filtering are the most information at decision of diagnosis.

T.M. Stehniyniy Melanin as the antistressful biological active additive // News of Poltava State Agrarian Academy. – 2007. – №3. – P.160-162.

The concept of stresses and their influence on different physiological functions of animals speaks. With the purpose of reduction of action of stresses by an organism of animals antioxidizers and in particular melanin which researches on given time are to actual and perspective questions are offered different antistressful премиксы.

I.A. Galushko Use of mathematical models for estimation of lactational curves of cows of different eco- genotypes // News of Poltava State Agrarian Academy. – 2007. – №3. – P.163-169.

In the article the results of genetics-mathematical treatment of ontogenetic descriptions of milk cattle are resulted during four lactations in the conditions of pedigrees factories of Join-Stock Company “Agro-Soyuz”, that is the new reception of estimation and prognostication of milk productivity of cows.

V.V. Slesarenko Dynamics of cellular composition lymphoid name-plates jejunum intestines (front and middle departments) at piglings of the sucking-pigs in early postnatal ontogenesis // News of Poltava State Agrarian Academy. – 2007. – №3. – P.170-175.

The features of cellular composition of separate structurally-functional areas at the lymphoid name-plates of jejunum bowels of piglings of neonatalis and milk periods are certain. Conformities to the law of forming of morphological signs of smmunolodgi activity of lymphoid structures of mucous membrane of thin bowel at piglings at cellular level of structural organization are set.

V.M. Yukhno The influence of the emulgated fat diet on the blood's morpho-biochemical indicis of the piglets // News of Poltava State Agrarian Academy. – 2007. – №3. – P.176-179.

The objectives of this study were the comparison of the influence of the native and emulgated beef fat diet on the blood's morpho-biochemical indices in the piglets from birth upon weaning. The serum blood lipids increased on 19,35 % ($p < 0,05$) under the influence emulgated fat and be observed tendency toward a total protein's amount increasing due to γ -globulin fraction. All studied clinic indices of the animals' witch received EF were within the limits of norm.

N.A. Martynenko Sperm expulsion after sow's insemination and the endometrium secretory activity (review) // News of Poltava State Agrarian Academy. – 2007. – №3. – P.180-187.

The objective of this review was analyse of the physiological description of the endometrial secretory activity interconnection with the semen and with the expulsion of the excess one by sow's utery after artifical insemination or mating. The present-day data relative to the gene-molecular mechanism of this phenomenon, biological significance thereof and the prevention steps was interpreted.

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