

Регистрационные данные DOI: **Process Management and Scientific Developments**  
November 14, 2019 - Part 4

Поле	Значение
<b>Объект №1</b>	
Заголовок	PROBLEMS OF REGULATION OF CYBER RISKS AND PRESERVATION OF STABILITY OF THE FINANCIAL SYSTEM
Аннотация	<p>The necessity of supervision of cyber risks is explained by the fact that the consequences of their influence can be fatal for individual companies and banks, and can lead to systemic failures in the national economy. The first line of protection from cyber risks is based on the internal control and audit system, as well as the activities of the risk management service of the commercial bank itself. The role of supervisory authorities is manifested in the development of a cyber card of key elements of the financial sector (payment systems, platforms, infrastructure and system institutions), which allows supervisors to gain a general understanding of cyber threats, on the basis of which risk mitigation programs are further developed. Legislatively adopted supervisory requirements should be complemented by rational and consistent monitoring practices, testing mechanisms, and effective reporting and exchange rules. A continuous process is needed to assess the nature and level of acceptable risk, improve the regulatory framework and practice of surveillance of cyber risks.</p>
Автор 1	Pashkovskaya, I.V.
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Объект №2	
Заголовок	CONFLICT OF LAWS REGULATION OF MONETARY OBLIGATIONS IN INTERNATIONAL COMMERCIAL CONTRACTS

<p>Аннотация</p>	<p>The article reveals the features of the application of the conflict of law method of regulating crossborder legal relations in relation to monetary obligations in international contracts. It is shown that the treaty statute is crucial for the choice of the applicable law in crossborder contractual monetary obligations. The main aspects of the treaty statute are considered: the principle of autonomy of will and special conflict norms, oriented towards the regulation of specific contractual relations. According to the author, the conflict of reference, formulated on the basis of the principle of characteristic performance, directly in the framework of contractual monetary obligations can be interpreted as references to the law of the country of the creditor. At the same time, conflict bindings based on other principles (for example, taking into account the place of creation of the results stipulated by the contract) can be interpreted as references to the law of the debtors country in a monetary obligation. In the same way, the effect of a treaty statute extends to relations on assignment of creditor rights in a crossborder monetary obligation. Describing the regulatory nature of conflict of laws rules in relation to crossborder monetary obligations, the author indicates that they are applied in combination with the norms of the rule of law to which they refer. In this regard, issues related to the application of foreign law, including peremptory norms of currency legislation, were also touched upon.</p>
<p>Автор 1</p>	<p>Kutuzov, I.M.</p>
<p>Место работы автора 1</p>	<p>Moscow State Law University</p>
<p>DOI</p>	<p>10.34660/INF.2019.1.41230</p>
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Объект №3

Заголовок	THE CONCEPT AND CONTENT OF CITIZENS' RIGHT TO ACCESS TO JUSTICE IN RUSSIA'S CRIMINAL PROCEEDINGS
Аннотация	In the paper, as a result of thorough scientific research, the author formulates the concept of access to justice, guided by the fact that the judicial protection of rights and freedoms is a universal, and therefore the most effective mechanism for legal protection of an individual from all developed in world practice. The conclusions of the study can be used in further scientific research on the issues under consideration.
Автор 1	Dudorov, T.D.
Место работы автора 1	Central Branch of the Russian State University of Justice
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Объект №4

Заголовок	THE CONTENT OF THE INTELLECTUAL RIGHTS OF THE AUTHOR IN ROMAN-GERMAN AND ANGLO-SAXON LAW
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Аннотация	The content of intellectual rights in AngloSaxon law is examined in accordance with the British legal presumption of authorship and the RomanoGerman legal system using the example of European and Russian traditions. Initial, primary, derivative rights are allocated. The semantics of authorship categories are highlighted. The importance of the authors natural right in RomanGerman law and the right to use the copy right holder in AngloSaxon law are emphasized. The mutual influence of legal systems on the legal status of the author of the result of intellectual activity is noted.
Автор 1	Rudenko, T.Y.
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Объект №5	
Заголовок	COMPUTER PROGRAMS AS A RESOURCE OF PEDAGOGICAL EXPRESS DIAGNOSTICS OF LEARNING OUTCOMES OF STUDENTS WITH DISABILITIES

Аннотация	Modern education of children with disabilities requires new approaches to monitoring the results of their education. As promising re sources, electronic educational resources of a diagnostic nature can be offered that allow for rapid diagnostics (assessment of learning outcomes by point slices of the basic elements of knowledge).
Автор 1	Kudrina, S.V.
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Автор 2	Kudrin, M.Y..
Место работы автора 2	Herzen State Pedagogical University of Russia
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Объект №6	
Заголовок	MEANING FORMATION FROM TRIALECTIC POSITIONS

Аннотация	Continuing the study of semantic regulation, it is proposed to switch from a dual point of view to a trialectic examination of strategies of semantic formation. To do this, a triad is considered: hypoadaptive, hyperactive and preadaptive senseforming strategies. This allows us to establish a more complete picture of the relationship between sense forming strategies as poles of diverse personality development. Using this, it is possible to identify a personality profile that acts as a multifactor model of potential states of the valuesemantic sphere of the experiencing subject.
Автор 1	Abakumova, I.V.
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Объект №7	
Заголовок	ROLE COMPETENCE AS A COMPONENT OF THE TEACHER'S PROFESSIONAL AND PERSONAL POTENTIAL

Аннотация	The paper analyzes the conceptual field associated with the understanding in psychological and pedagogical research of the teachers potential and presents his vision of the professional and personal potential. The role competence of the teacher and its role in assessing the professional and personal potential of the teacher in the context of his professionalism are considered.
Автор 1	Glushak, E.V.
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Автор 2	Zhuykova, L.P.
Место работы автора 2	Novosibirsk State Pedagogical University
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<b>Объект №8</b>	
Заголовок	FREDERIC WILLIAM MAITLAND'S VIEW ON FEUDALISM AND ITS REFLECTION IN RUSSIAN MEDIEVAL STUDIES OF THE END OF THE XIX-TH THE BEGINNING OF THE XXI-ST CENTURIES



Аннотация	The article deals with the issues connected with analysis of Frederic William Maitlands view on feudalism and its reflection in Russian medieval studies of the end of the XIXth the beginning of the XXIst centuries. The main points of Maitlands concept of English feudalism are revealed. The author traces the stages of evolution of the assessment of merits of F.W. Maitland in Russian historiography.
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Объект №9	
Заголовок	"NAIVE ART" OF THE NORTH OF RUSSIA
Аннотация	The subject of research in the paper is the work of amateur artists of the Komi Republic, who do not have professional training and are not connected by academic rules and canons. Substantive and formal aspects of V. Nechayevs paintings are analyzed, terminology issues are considered. It is concluded that, in response to the social and artistic demands of the time, this art should be assessed as relevant, by the nature of the drawn picture of the world and the used artistic means as a northern idyll.

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### Объект №10

Заголовок	INFLUENCE OF SUBJECTIVE FACTOR IN CAR DESIGN. PARADOX OF NEW SHAPE
Аннотация	The article focuses on the issue of new exterior shapes of car bodies. Dissertation of N.A. Medeleets called Car shaping factors (tech nological aspect), 2013 is The basis of our research. The object of the research is the real cars produced in 1015 recent years.
Автор 1	Medeleets, N.A.
Место работы автора 1	Leading exterior designer Baojun Advanced Design Center
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**Объект №11**

Заголовок	RECOMMENDATIONS FOR CHILDREN'S CORRECT FOOD STEREOTYPE FORMATION
Аннотация	The article discusses the causes, types and methods of preventing the formation of improper eating behavior.
Автор 1	Zotova, D.A.
Место работы автора 1	Medical Sechenovsky Preuniversity
Автор 2	Biryukova, N.V.
Место работы автора 2	Medical Sechenovsky Preuniversity
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**Объект №12**

Заголовок	MORPHOFUNCTIONAL CHARACTERISTICS OF THE MAST CELL POPULATION IN THE LUNGS OF RATS ALTER AN ONCE AND REPEATED DEEP IMMERSION HYPOTHERMIA
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<p>Аннотация</p>	<p>The purpose of the work is a comparative analysis of the effect of once and repeated daily deep immersion hypothermia on the morphofunctional activity of lung mast cells (MC) of Wistar rats. The experiment involved 45 rats. Hypothermia was modeled by placing animals in individual cages in water at a temperature of 5 C, at an ambient temperature of 7 C. The exposure to the cold factor was stopped when the animals reached a deep degree of hypothermia, the criterion of which was a rectal temperature of 20.25 C. The material for histological examination was taken immediately after hypothermia and after 2, 7 and 14 days. Immediately after exposure to the cold factor, large MC in the state of granulocytolysis was revealed in the lung tissue of the groups of animals. On the 2nd day of the experiment a single number of MC in the field of view increased by 37.1 with repeated hypothermia compared with a once hypothermia the MC area increased by 32.2 the number of degranulating MC increased by 14.4, and the content of compact forms of MC decreased by 17.9. On the 7th day with multiple hypothermia, the number of MC in the field of view increased by 32.3 the number of degranulating MC was 1.9 times greater, and the content of compact MC forms decreased 1.4 times. On the 14th day, the number of MC in the field of view increased 3.1 times the number of degranulating MC was 1.45 times greater, and the content of compact MC forms decreased by 1.2 times. Thus, MC are an important element in longterm lung adaptation when they are exposed to repeated deep immersion hypothermia.</p>
<p>Автор 1</p>	<p>Guldaeva, Z.N.</p>
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<p>Автор 2</p>	<p>Bobrov, I.P.</p>

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Объект №13	
Заголовок	INFLUENCE OF COOLING MEDIUM ON PLOIDOMETRIC PARAMETERS OF WHITE RAT HEPATOCYTES

Аннотация	<p>The research studies the influence of the cooling medium (single immersion hypothermia (water) and single air hypothermia) on the hepatocytes of Wistar rats liver. It is presented that under the influence of deep water hypothermia (rapid cooling rate) immediately after exposure to hypothermia, pronounced hepatocyte alteration was observed, then adaptive compensatory processes were activated on the 7th day with an increase in the number of highploidy cell pools (up to 13c), and the ploidy of hepatocytes was restored only on the 14 day. Under the influence of moderate air hypothermia (slow rate of cooling), the processes of alterations in the liver proceeded much less intensively (45 times lower than in water hypothermia), polyploidization of hepatocytes (the appearance of a pool of 9c13C) was observed immediately after exposure to hypothermia, and the 2c4c population was approaching to normal already on day 7. Thus, the cooling medium has a different effect on the ploidy profile of hepatocytes of experimental animals.</p>
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Объект №14	
Заголовок	THE SIZE OF TUMOR AND HISTOLOGIC STRUCTURE OF PERITUMOROUS ZONE OF RINAL CELL CARCINOMA
Аннотация	The authors have studied the peculiarities of histological structure of peretumorous zone (PZ) as well as the biosynthetic and proliferative processes in the tissues near the kidney cancer taking into account the size of tumor. PZ of the tumors which size was 4 cm contained active sclerotic and proliferative processes. Zones of severe sclerosis in PZ had focuses of severe tubular epithelial dysplasia which can not be distinguished from cancer using DNA microspectrophotometry . Also PZ of the tumors of the mentioned size had pathological tumor neoangiogenesis. The high density of vessels in the microcirculation correlated with a high rate of endothelial cell proliferation (according to silvering AgNOR). These changes, which take place in the kidney parenchyma near the tumor which size is 4 cm, should be taken into account making an organ preserving surgery.
Автор 1	Klimachev, I.V.
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Автор 2	Bobrov, I.P.
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Объект №15	
Заголовок	MORPHOFUNCTIONAL CHARACTERISTICS OF NUCLEAR HEPATOCYTES NUCLEUS OF RATS AFTER EXPOSURE TO HYPOTHERMIA



<p>Аннотация</p>	<p>The purpose of the work is to study the morphology of the liver with hypothermia. The experiment involved 20 rats. Hypothermia was modeled by placing animals which were in individual cages into the water at a temperature of 5 C, at an ambient temperature of 7 C. The exposure to the cold factor was stopped when the animals reached a deep degree of hypothermia, the criterion of which was a rectal temperature of 20.5 C. For histological examination, the material was taken immediately after hypothermia. The results of the study showed that after exposure to hypothermia in the liver of rats, the number of mononuclear cells increased by 14, and the percentage of binuclear liver cells decreased 2.6 times. DNA index in hepatocyte nuclei decreased to 3.2 0.2. The number of heterochromatin granules in the karyoplasms increased 2.15 times, and the proportion of heterochromatin from the total core area increased 2.9 times. At the same time, heterochromatin formed large aggregates and was localized exclusively along the karyolemma. A morphometric study revealed that the average area of the nuclei decreased 2.3 times, the perimeter decreased 1.5 times, and the diameter decreased 1.5 times. The shape of the nucleus also changed: the indicators of the circle factor and the ellipse factor decreased and amounted to 0.951 0.003 rel. units and 0.997 0.0002, respectively, while the factor of elongation of the nucleus increased 6.4. When evaluating the nucleolar organizers, the average number of Ag NORs decreased 2.8 times. The average area of AgNORs was 2.9 times less.</p>
<p>Автор 1</p>	<p>Kruchkova, N.G.</p>
<p>Место работы автора 1</p>	<p>Altai State Medical University Russia</p>
<p>Автор 2</p>	<p>Lepilov, A.V.</p>

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Объект №16	
Заголовок	PROGNOCTIC MEANING AN EXPRESSION OF THE APOPTOSIS INHIBITOR BCL-2 IN A RENAL CELL CARCINOMA

Аннотация	<p>The work focuses on prognostic meaning of inhibitor bcl2 apoptosis expression in a renal cell carcinoma The material for the study was the surgical material of 63 patients with kidney cancer. The median age was 57.41.4 years. There were 33 males (52.4 ) and 30 females (47.6). Correlations between bcl2, clinical stage (r 0.30 p 0.02), size of tumor node (r 0.29 p 0.02), presence of regional and distant metastases (r 0.35 p 0.005) and histological variant of tumor (r 0.37 p 0.003) were revealed. There was no correlation with sex (r 0.15 p 0.22), age (r 0.16 r 0.22) of patients and tumor gradation according to Furman method(r 0.18 p 0.15). Отсутствие экспрессии bcl2 в клетках опухоли можно рассматривать в качестве критерия вероятного возникновения метастазов. The correlation of marker expression with the overall survival of patients was found. Low expression of bcl2 oncoprotein in tumor cells is an unfavorable factor in predicting patient survival.</p>
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Объект №17	
Заголовок	BIOLOGICAL TREATMENT OF PULP HYPEREMIA ASSOCIATED WITH CANDIDA FUNGI

Аннотация	<p>According to epidemiological studies, the incidence of caries in the Earth's population is approaching 100. Despite the significant successes of dentistry in the prevention and treatment of caries, complicated caries is a widespread pathology of hard tooth tissues. One of the most frequent complications is pulp hyperemia as a result of the introduction of decay products of hard tooth tissues and microorganisms into the pulp along the dentinal tubules. This process is reversible acute, but in the absence of treatment leads to chronic forms of pulpitis and its extraction. Preserving the viability of the tooth pulp is necessary, since the pulp provides nutrition and maintains the normal functioning of all tooth tissues. An alternative to tooth removal is early diagnosis and biological treatment. This study presents the results of microscopy of pulp of teeth in patients with pulp hyperemia, the frequency of detection of Candida fungi is established, conservative treatment with direct pulp coating is carried out, methodological methods are developed that allow substantiating the choice of drugs when using the biological method of treating pulp hyperemia, including the need for the use of antifungal drugs in the presence of fungi of the genus Candida. According to the results of the study, it was found that the presence of fungal flora in the inflamed tooth pulp requires complex therapy with the vital method of treating pulp hyperemia using antimycotic drugs.</p>
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Автор 2	Polevaya, A.V.
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<b>Объект №18</b>	
Заголовок	THE IMPORTANCE OF EARLY DIAGNOSIS OF SUBCLINICAL VITAMIN B12 DEFICIENCY IN PATIENTS WITH TYPE 2 DIABETES MELLITUS, COMPLICATED BY DIABETIC NEUROPATHY
Аннотация	Postgraduate Russian Medical Academy of Continuous Professional Education Abstract. In this study, an assessment of the levels of holotranscobalamin and homocysteine was used to diagnose subclinical vitamin B12 deficiency in patients with type 2 diabetes mellitus with diabetic polyneuropathy, since they are considered to be more sensitive to the biochemical deficiency of vitamin B12 than the level of vitamin B12 itself in the blood. The effect of vitamin B12, holotranscobalamin and homocysteine levels on the severity of the clinical manifestations of diabetic polyneuropathy according to the TSS and NIS LL scales was also studied.
Автор 1	Ametov, A.S.
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### Объект №19

Заголовок	DETERMINING CONTENT OF CARDIAC STEROIDS IN RAW MATERIAL USING SPECTROPHOTOMETRY
Аннотация	A spectrophotometric method for the quantitative determination of cardiosteroids was developed based on their reaction with picric acid to form an orange complex with a characteristic absorption maximum at 490 nm. The error in determining the content of the amount of cardiosteroids in terms of convallotoxin does not exceed 5. The methodology was tested on the medicinal plant material of Adonis grass and lily of the valley leaves and the drug Adonis Brom in tablets. It was found that Adonis grass and lily of the valley leaves contained 0.16 and 0.26 mg, respectively, and Adonisbromine tablets 0.51 with a norm of 0.56.
Автор 1	Kruglov, D.S.

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### Объект №20

Заголовок	THE ROLE OF CANDIDA ALBICANS IN THE DIGESTIVE TRACT IN CANDIDIASIS OF GEESE
Аннотация	<p>In a number of farms of the Republic of Bashkortostan we have registered goose candidiasis. They manifested a violation of the natural microbiocenosis in all departments of the digestive tract of birds. A special role was played by <i>Candida albicans</i>. Moreover, candidiasis cause enormous economic damage to goose breeding. To date, there are no effective methods for the prevention and treatment of avian candidiasis 1, 2, 3, 4. The article presents data on the dynamics of <i>Candida albicans</i> in scrapings from goiter, muscle and glandular stomach, small and large intestines from 7 days to 90 days of age of birds. Comparative methods for the treatment of goose candidiasis showed the high efficiency of complex enzyme-probiotic propolisotherapy. It helped restore the content of <i>Candida albicans</i> to their physiologically acceptable values in the gastrointestinal tract of geese.</p>



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### Объект №21

Заголовок	THE IMPORTANCE OF THE NORMOFFLORA OF THE DIGESTIVE TRACT IN CANDIDIASIS OF GEESE
Аннотация	In recent years, candidiasis has caused great damage to goose breeding in the republics of Tatarstan and Bashkortostan. Until now, they have not been given any significance. In this regard, we conducted research to find effective methods for the prevention and treatment of goose candidiasis 1, 2, 3. The article presents data on the dynamics of lactobacilli and bifidobacteria and in scrapings from goiter, muscle and glandular stomach, thin and thick intestines from 7 days to 90 days of age birds. It has been established that complex therapy with the new enzyme drug lithase in combination with the use of probiotic and propolis helps to restore the balance of normoflora in the gastrointestinal tract of geese to their physiological values.

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