**"ION IONESCU DE LA BRAD"**

**IASI UNIVERSITY OF LIFE SCIENCES**

**PROMOTION BY EXAMINATION IN THE TEACHING CAREER – SECOND SEMESTER**

**ACADEMIC YEAR 2022/2023**

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| **DESCRIPTION OF VACANT POSITION:** |
| **Job title** | **Associate Professor** |
| **Position in the Staff Regulations** | X /14 |
| **Faculty** | Veterinary Medicine |
| **Department** | Clinics |
| **Curriculum subjects** | **- EQUINE CLINICAL LECTURES****-RUMINANTS HEALTH MANAGEMENT****- MEDICAL CLINIC AND CLINICAL LECTURES BY SPECIES** |
| **Scientific field** | Veterinary Medicine |
| **Job Description** | The post of Associate Professor, indefinite, vacant, **No IX/10,** provided for in the state of functions approved for the academic year 2022-2023, has a norm of **12,16** conventional hours, provided with hours of lectures and practical work, with the following semester distribution by discipline:**Equine clinical lectures** course 1 hour per semester I and practical work 8.0 hours with an average of 4.0.**Ruminants health management**: 2,67 ore per sem II**Medical clinic and clinical lectures by species**: 3.0 hours of practical work per semester I and 6 hours of practical work per semester II, with an average of 4.5 |
| **Specific activities of the post** | * Supporting the course hours and carrying out hours of practical clinical work for the disciplines in the job description, position X/14

• Preparation of the didactic activity;• Elaboration of didactic materials in the following languages: Romanian and English;• Clinical activities: consultations, treatments, collection of samples for laboratory examinations, performing paraclinical examinations, case records;• Inspections of control works;• Consultations for students provided for the regular disciplines;• Scientific research activity:• Participation in scientific events;• Promotion activities and connection with the economic environment;• Participation in civic, cultural, administrative and evaluation activities initiated by the university;• Other activities for the practical and theoretical training of students;• On-call and clinical triage services. |
| **Topics of the competition** | **Curriculum****Diseases of the digestive system in horses**Colic syndrome, Acute gastric dilatation in horsesAcute gastritis. Gastric ulcer. Gastric dilatation.Intestinal spasm; Gaseous intestinal indigestion,Intestinal indigestion by overloadingIntestinal obstructionEnterites of youth.Intestinal vascular crises (thromboembolic colic)Topographic enteropathiesLiver failure.Peritonitis.**Health management principles of the dairy cattle farm**Management of replacement heifers from birth to maturityDry period management in cowsMonitoring milk production in cowsMammary gland health monitoringMonitoring udder health**Diseases of the digestive system in ruminants**StomatitisParalysis of the pharynxEsophageal obstructionDiseases of the pregastric compartments (prestomachs) in ruminantsSimple biochemical ruminal-reticular indigestionIndigestion by overloading the rumenIndigestion by sudden change of rationAcute ruminal flatulenceChronic (recurrent) ruminal flatulenceRuminal acidosisRuminal alkalosisRumino-reticular paresisObstruction (paresis) of the leafVagal indigestion (Hoflund syndrome)Reticulitis and traumatic reticuloperitonitisNon-traumatic ruminitis and reticulitisAccidents due to blunt foreign bodies (mechanical ruminal-reticular indigestion)Ruminal parakeratosis**Diseases of the respiratory system: Laryngitis.** Congestion and pulmonary edema. Bronchopneumonia by aspiration (ab ingestis). Pleurisy and pleural fluid collections. Transdiaphragmatic hernia. Treatment of broncho-pulmonary diseases.Heart diseases: Heart failure. The shock. SyncopeBlood diseases: Posthemorrhagic, hemolytic anemia. Hemorrhagic syndromes.Kidney diseases: Acute renal failure. Acute non-suppurative nephritis. Subacute and chronic nephritis. Purulent nephritis.Bladder diseases: Urinary retention. Urolithiasis (urinary calculus, lithiasis or urinary sedimentosis).Diseases of the nervous system. Encephalopathies: cerebral hemorrhage. Brain trauma. Meningoencephalitis.Diseases of the endocrine system – hypothyroidism, stress.**Bibliography**Buergelt CD, Edward GC and Fabio Del Piero *Bovine pathology A text and color atlas*. UK: CABI, 2017Constable P.D., Hinchcliff K.W., Done S.H., Grunberg W., 2017, Veterinary Medicine. A Textbook of Diseases of Cattle, Horses, Sheep, Pigs, and Goats, Ed. 11, Elsevier, MissouriFalcă C., Mircean M., Moț T., Brăslașu C.M., Giurgiu G., Vlăgioiu C., Pop C., Papuc I., Solcan G., Vulpe V., 2011, *Medicina internă a animalelor*, vol 1-2, Ed. Eurostampa, TimișoaraKaneko JJ, Harvey JW, Bruss ML. *Clinical biochemistry of domestic animals*. 6th edition. Burlington, Massachusetts: Academic Press, 2008Paul I. *Etiomorfopatologie veterinară vol II.* Ed. "Ion Ionescu de la Brad, Iaşi, 2000.Paul I. – *Etiomorfopatologie veterinară*, vol. III, Ed. „Ion Ionescu de la Brad”, Iaşi, 2001;Paul I. *Etiomorfopatologia bacteriozelor la animale,* Ed Pim, Iaşi, 2005Peek SF and Divers TJ, eds. *Rebhuns Diseases of Dairy Cattle*. third edition. St. Louis, Missouri: Elsevier, 2018Radostits, O. M.; Blood, D. C.; Gay, J., Constable P.D., *Veterinary Medicine A textbook of the diseases of cattle, horses, sheep, pigs and goats 10th ed* Saunders-Elsevier, New York, 2012Smith Tomas H. *The Cattle Health. Handbook Preventive care, Disease Treatments and Emergency Procedures for Promoting the Well-Being of Your Beef or Dairy Herd*. Massachusetts: Storey Publishing, 2009.Solcan Gh., Boghian V., Rollin F., – *Patologie si clinica medicala veterinara,* Ed. "Ion Ionescu de la Brad", Iasi, 2005Voloşeniuc M, Vîntu V., Boişteanu P., **Solcan Gh.,** Drugociu D, Savuţa Gh, Samuil C, Aniţă D, Vaida Silvia, Aionesă Irina, - Ghidul fermierului – creşterea taurinelor. Proiect 1209/2004, Banca Mondiala, SC Dorna Brânzeturi, 2005 |
| **Payroll** | Postul de Conferenţiar va fi salarizat cf. Legea 153/2017, cu suma de 6047 lei |