**IASI, UNIVERSITY OF LIFE SCIENCES**

**„ION IONESCU DE LA BRAD”**

**POSITIONS FOR TENDER – SEM. II**

**ACADEMIC YEAR 2020/2021**

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| **DESCRIPTION OF VACANT POSITION FOR TENDER** | |
| **Position** | **Associate Professor** |
| **Position in job list** | X/11 |
| **Faculty** | **Veterinary Medicine** |
| **Department** | **Public Health (X)** |
| **Courses in the teaching curriculum** | - **Anatomy (E)**  **- Experimental medicine** |
| **Scientific area** | Veterinary Medicine |
| **Position description** | The associate professor position for indefinite period, vacant, no. X/11, provided in the List of Jobs and Academic Staff of Public Health Department, as approved for the academic year 2020–2021, comprises a quota of 12.0 conventional hours, assigned with course and practical hours, with the following semestrial distribution:  - **Anatomy (E) (**First year of study), course 2.0 hours/week/sem. I, course 2.0 hours/week/sem. II, with the average of 5.0 hours/week.  - **Experimental medicine (**Fifth year of study**)**, course 2.0 hours/week/sem. II, with an average of 2.0 hours/week and practical courses 10.0 hours/week/sem. II, average of 5.0 hours/week. |
| **Position-specific activities** | Holding courses and practical courses for the disciplines specified in the position list, position X/11;  Preparation of the academic and laboratory activity: sampling specimens for laboratory exams, paraclinical exams, preparation of the didactic anatomical pieces  Developing teaching materials in the languages: Romanian and English;  Assessment papers;  Consultations for students granted in the courses quota;  Scientific research activity:  Participation to scientific events;  Activities related to promotion and relations with the economic environment;  Participation to civic, cultural, administrative and assessment activities initiated by the University;  Other activities for practical and theoretical preparation of the students; |
| **Topics for the competition** | **Topics**  The systematization of the body apparatus and systems, the anatomical plans, terminology used in anatomy.  The axial and appendicular skeleton in domestic mammals and birds.  The arthrology: classification of joints, the morfo-functional peculiarities of the body joints.  The myology: types of muscles, structure of skeletal muscles, the annexes of muscles, the muscles of the head, back, abdomen, forelimbs and hindlimbs.  The passive stay apparatus in horses.  Digestive system: systematization of the digestive system. The morphological particularities of digestive system in domestic mammals and birds.  Morphological particularities of the respiratory system in domestic mammals and birds.  The morphological peculiarities of urinary apparatus in domestic mammals and birds.  The male and female genital apparatus in domestic mammals and birds.  Historical perspectives on animal experimentation. Ethics in animal experimentation. National and European legislation on the protection of animals used for experimental purposes.  Alternatives for reducing the use of animals in experiments (3Rs Principle).  Use of rodents (laboratory mouse, laboratory rat, rabbit, guinea pig, gerbil, hamster) as animal models in biomedical research.  Use of carnivores (dog, domestic cat, domestic ferret) as animal models in biomedical research.  **Bibliography**  1. Dyce, K.M., Sack, W.O.; Wensing, C.J.G. (2002) **Textbook of Veterinary Anatomy**, Third edition, Ed. Saunders, ISBN 0-7216-8966-3.  2. König, H.E.; Liebich, H-G. (2004) **Veterinary Anatomy of Domestic Mammals**, Textbook and Colour Atlas, ISBN 3-7945-2101-3.  3. Spataru, M. (2019) **Veterinary Anatomy, Splanchnology of domestic animals**, Ed. ”Ion Ionescu de la Brad”, Iasi, ISBN 978-973-147-349-9.  4. Spataru, M; Covașă C. (2020) **Veterinary Anatomy, Practical guide of the Locomotor System,** Ed. ”Ion Ionescu de la Brad”, Iasi, ISBN 978-973-147-359-8.  5. Coțofan, V. et al. (1999) **Anatomia animalelor domestice,** Vol. I., Ed. Orizonturi Universitare, Timișoara, ISBN 973-9400-30-2.  6. Coțofan, V. et al. (2007) **Anatomia animalelor domestice,** Vol. II., Ed. Orizonturi Universitare, Timișoara, ISBN 978-973-638-325-0.  7. Ciudin, E. (2004) **Biologia animalelor de laborator**, Ed. Alfa, Iași, ISBN 973-8278-42-2.  8. Marcus, I; Sevastre, B.; Sarpataki, S. (2018) **Biologia și patologia animalelor de laborator**, Ed. RISOPRINT Cluj-Napoca, ISBN 978-973-53-2232-8.  9. Spataru, M. (2021) **Medicină experimentală. Modele animale utilizate în cercetarea biomedicală**, Ed. ALFA, Iași, ISBN 978-606-540-266-9. |
| **Salary** | The Associate Professor position shall be remunerated as stipulated in Law 153/2017, with the total amount of 4821 lei. |