**„ION IONESCU DE LA BRAD” IAȘI UNIVERSITY OF LIFE SCIENCES**

**ACADEMIC YEAR 2023/2024**

**CONTEST – IInd SEM.**

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| **DESCRIPTION OF VACANT POSITION:** |
| **Position** | **Associate Professor for indefinite period** |
| **Position in State of functions** | XI/11 |
| **Faculty** | Faculty of Veterinary Medicine |
| **Department** | Public Health |
| **Courses in the teaching curriculum** | ImunologieImmunology |
| **Scientific area** | Veterinary Medicine |
| **Job description** | The associate professor position for indefinite period, vacant, no. **XI/11,** provided in the State of functions and Academic Staff of Public Health Department, as approved for the academic year 2023-2024, comprises a quota of **11.75 conventional hours**, assigned with **course (4.5 hours)** and **practical works (7.25 hours)**, with the following distribution by discipline:*- Imunologie*, **course and practical works** carried out with 3rd year students at the Faculty of Veterinary Medicine, during the first semester, as follows: **course** – 2 hours = 4 conventional hours/week **(annual average 2 hours/week)** and **practical works** - 6 formations x 2 hours= 12 conventional hours/week **(annual average 6 hours/week)**;*- Immunology*, **course** and **practical works**, carried out with 3rd year students, at the Faculty of Veterinary Medicine (English group), during second semester, as follows: **course** - 2 hours = 5 conventional hours/week **(annual average 2.5 hours/week)** and **practical works** - 1 formation x 2 hours = 2.5 conventional hours/week **(annual average 1.25 hours/week).** |
| **Position specific activities** | * Carrying out the lectures and practical works for the subjects specified in the position XI/11;
* Preparing the teaching activity for the lectures and practical works;
* Written periodic evaluations from lectures and practical work materials;
* Consultations for students;
* Guidance for dissertation projects;
* Preparation of teaching materials;
* Scientific research activity;
* Practical guidance during the academic year;
* Attending scientific events;
* Promotion activities and networking with the economic community;
* Participation in civic, cultural activities, in support of education;
* Other activities for practical and theoretical training of students.
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| **Topics for the competition** | **Topics**1. Cytotoxic T lymphocytes and Natural Killer cells
2. Antibacterial immunity: cellular and molecular mechanisms
3. Immune response as an adaptive mechanism
4. Systemic autoimmune diseases in animals
5. Methods of immunoprophylaxis and immunotherapy
6. Immunoglobulins and monoclonal antibodies
7. Phagocytosis and autophagy
8. Transplant immunology

**Bibliography*** Carp – Cărare Mihai, Timofte Dorina, Imunologie și imunopatologie, Editura Venus, 2002
* Tizard R. Ian, Veterinary Immunology, 9th edition, 2012, ISBN-13: 978-1-4557-0362-3, ISBN: 1-4557-0362-1
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| **Salary** | The Associate Professor position will be remunerated as stipulated in OUG 128/28.12.2023, with the total amount of 7579 Lei. |