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

**ACADEMIC YEAR 2023/2024**

**CONTEST – I SEM.**

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| **DESCRIPTION OF VACANT POSITION:** | |
| **Position** | **Associate Professor for indefinite period** |
| **Position in State of functions** | XI/12 |
| **Faculty** | Faculty of Veterinary Medicine |
| **Department** | Public Health |
| **Courses in the teaching curriculum** | Virusologie generală  General virology  Experimental medicine |
| **Scientific area** | Veterinary Medicine |
| **Job description** | The associate professor position for indefinite period, vacant, no. **XI/12,** 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 (9,5 hours)** and **practical works (2,25 hours)**, with the following distribution by discipline:  *- Virusologie generală*, hours of **course and practical works** carried out with 2nd year students at the Faculty of Veterinary Medicine, during the first semester, as follows: **course** – 2 physical hours = 4 conventional hours/first semester **= 2 conventional hours/year** and **practical works** - 2 formations x 1 hour= 2 conventional hours/first semester **= 1 conventional hour/year**;  *- General virology,* hours of **course**, carried out with 2nd year students at the Faculty of Veterinary Medicine (English group), during the first semester, as follows: **course** - 2 physical hours = 5 conventional hours /first semester **= 2,5 conventional hours/year**;  *- Experimental medicine*, hours of **course** and **practical works**, carried out with 5th year students, at the Faculty of Veterinary Medicine (English group), during second semester, as follows: **course** - 2 physical hours = 5 conventional hours /second semester **= 2,5 conventional hours/year** and **practical works** - 1 formation x 2 hours = 2.5 conventional hours/second semester = **1,25 conventional hour/year**  - *Experimental medicine*, hours of **course**, carried out with 4th year students at the Faculty of Veterinary Medicine (English group), during the first semester, as follows: **course** – 2 physical hours = 5 conventional hours/first semester **= 2,5 conventional hours/year;** |
| **Position specific activities** | * Carrying out the courses and practical works for the disciplines specified in the position list XI/12; * Teaching activity preparation; * Checks of control works; * Consultations for students provided in the courses quota; * Guidance for license projects; * Teaching materials development; * Scientific research activity; * Practical guidance during the academic year; * Participation in scientific events; * Promotion activities and networking with the business community; * Participation in civic and cultural activities in support of education; * Other activities for the practical and theoretical training of students. |
| **Topics for the competition** | **Topics**   1. Infectious Cycle 2. Genomes and viral genetics 3. Viruses structure 4. Virus attachment and entry into the cell 5. Virus assembly and release from the host cell 6. Intracellular transport 7. Animal models: between emotion and communication 8. Influence of environmental factors and their impact on scientific projects   **Bibliography**   1. Knipe, D.M. and Howley, P.M. (2006) Fields, Virology 5th Edition, Volumes 1 and 2, Lippincott Williams & Wilkins. 2. Flint, J. et al. (2020) Principles of Virology, Volumes 1 and 2, 5th Edition, ASM Press. 3. Fox, G.J. et al. (2002) Laboratory Animal Medicine 2nd Edition, American College of Laboratory/Animal Medicine Science. 4. Hrapkiewicz, K. (2006) Clinical Animal Medicine 3rd Edition, Wiley-Blackwell. |
| **Salary** | The Associate Professor position will be remunerated as stipulated in Law 153/2017, with the total amount of 6401 Lei. |