

MAIN DIRECTIONS IN THE SCIENTIFIC RESEARCH

The scientific research carried on within the laboratories and facilities of the Animal Sciences Faculty, as part of the University of the Agricultural Sciences and Veterinary Medicine of Iasi is based on the approach of different specific topics, of wide interest, in the thematic fields of animal husbandry, sustainable development and food safety.

Among these ones, the most relevant directions are listed below:

- improvement of the productions issued from the main species of economic interest;**
- study on the productive adaptability of animals;**
- study on animal ethology peculiarities;**
- study of the adaptive capacity of various animal populations facing the new alternative husbandry systems;**
- management of those animal populations endangered or in critical extinction status;**
- monitoring of the transformations occurred in certain areas and their impact on the terrestrial and aquatic animal populations;**
- research applied in animals nutrition and feeding;**
- genetic assessment of the animals production potential;**
- studying of the real possibilities to increase the production level and its quality;**
- increasing of the food safety degree, through the quality assessment on the food produced in farms and companies from eastern Romania and Republic of Moldova;**
- estimation and finding of higher capitalisation ways of the apicultural potential of the state border area between North-East Romania and Republic of Moldova;**
- assessment of the agri-touristic potential of the North-East Region;**
- research on the quality of the products registered as traditional, issued from the North-East area of Romania.**

THE MISSION AND THE STRATEGY OF THE IASI ANIMAL SCIENCES RESEARCH CENTRE AND OF THE SUBSEQUENT RESEARCH LABORATORIES

The mission of the Iași Animal Sciences Research Centre, integrated within the Animal Sciences Faculty is to plan, to design and to apply strategies thought to provide high level of performance in the scientific research.

The main directions of action in the Iași Animal Science Research Centre are briefly presented below:

- 1. practicing an effective and complex management of the scientific research activity;**
- 2. orienteering of the research carried by the Animal Science Faculty toward the medium and long term requirements and expectations of the society;**
- 3. integration in national and international research network and consortiums;**
- 4. using of the transparency in the decision making process, in order to develop a climate of trustfulness and scientific cooperation among the academic staff members of the Faculty;**
- 5. modernising and rendering efficiency of the patrimony and of the scientific research activity within the faculty.**

The research strategy of the Animal Sciences Faculty focuses on various topics:

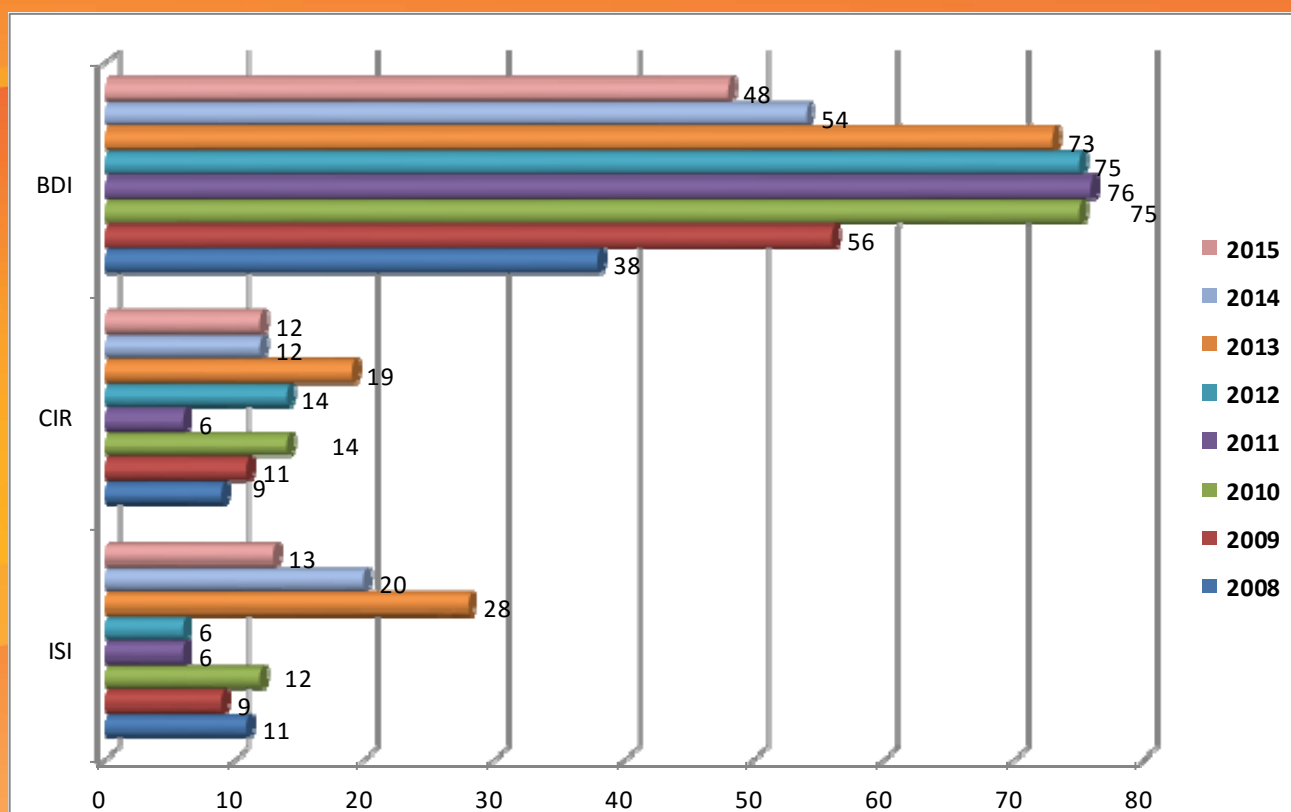
- 1. capitalisation of the human potential and of the existing material resources, in order to develop interdisciplinary research programmes, bearing both scientific and economic impact;**
- 2. alignment and upgrading of the techniques, methods and experimental procedures in accordance with the international standards and en-force laws in the field of animal production;**
- 3. improvement of the material basis for the research, through the endowment of the laboratories with adequate equipment, in relation with their specialty;**
- 4. training of researchers and of young master and PhD students, in order to render them competitive on the European labour market;**
- 5. promoting and spreading of acquired results within reference scientific meetings for the addressed field;**
- 6. involvement in interdisciplinary research programmes in partnership with national research entities or from abroad;**
- 7. periodical assessment of the performances - SWOT analysis and promotion of a quality oriented approach in the management of research projects.**

CAPITALISATION OF THE SIGNIFICANT RESULTS ACHIEVED IN THE SCIENTIFIC RESEARCH ACTIVITY

The most valuable results of the Faculty, as an entity focused on education and research are quantified through the following aspects:

- a. amount and value of the research contracts and grants won trough national and international calls and competitions;**
- b. research reports and syntheses delivered to the main beneficiaries of the research**
- c. technological systems, methods and models produced and bearing intellectual property rights;**
- d. books, treaties, compendiums with novel scientific content, issued in cooperation with publishing houses recognised on national and international level;**
- e. scientific findings, communicated nationally and internationally and published in proceedings volumes;**
- f. articles published within specialty journals from Romania or from abroad, recognised nationally by C.N.C.S.I.S. or internationally (ISI or BDI quoted and indexed journals);**
- g. successfully concluded PhD dissertations;**
- h. representative members within academies or international organizations;**
- i. awards achieved nationally and internationally;**
- j. invention and innovation patents.**

Scientific papers published during 2008 - 2015



Notice: ISI – articles published within ISI ranked-indexed journals

BDI – articles published in journals comprised within different international databases

CIR – articles published in international peer-reviewed journals

Fig. Dynamics of the scientific papers published during 2008 - 2015

JOURNALS PUBLISHED UNDER THE COORDINATION OF THE ANIMAL SCIENCES FACULTY IN IAȘI

**Scientific Papers
Animal Sciences Series**



Journal of Animal Production



**AACL Bioflux
Cluj Napoca / Iași**

