


PERSONAL INFORMATION

Mariya Georgieva Ivanova



 Tsarigradsko shose № 73, Sofia, 1113, Bulgaria

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Sex Female | Date of birth 19/02/1955 | Nationality Bulgarian

Since 2014

Professor; Director of IBIR; Head of Department;

Institute of Biology and Immunology of Reproduction "acad K. Bratanov", Bulgarian Academy of Sciences, Bulgaria, Sofia, 1113, Tsarigradsko shose "№ 73, <http://ibir.bas.bg/en>

- Mobility management and workflow management.
- Direction and control of education - research activities at the Institute.
- Direction and control of scientific and administrative activities of the Department of Biotechnology and Reproductive Cryobiology of gametes;
- Member of NEC in "Agricultural Sciences - MEYS
- Representative to "Advisory Board" Bulgarian Academy of Science under the "Biomedicine and quality of life;
- Head of PhD students in the field of Reproductive biology, Biotechnology and Cryobiology of gametes in animals,
- Head of graduate students in master's programs at Sofia University.

Scientific and educational activities; Administration; Expert Activity.

2010 - 2012

Professor; Scientific Secretary of IBIR; Head of Department;

Institute of Biology and Immunology of Reproduction "acad K. Bratanov", Bulgarian Academy of Sciences, Bulgaria, Sofia, 1113, Tsarigradsko shose "№ 73, <http://ibir.bas.bg/en>

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- Head of PhD students in the field of Reproductive biology, Biotechnology and Cryobiology of gametes in animals,
- Head of graduate students in master's programs at Sofia University.

Scientific and educational activities; Administration; Expert Activity.

WORK EXPERIENCE



2000 - 2010 **Associate Professor; Head of Department**
 Institute of Biology and Immunology of Reproduction "acad K. Bratanov", Bulgarian Academy of Sciences, Bulgaria, Sofia, 1113, Tsarigradsko shose "№ 73, <http://ibir.bas.bg/en>

- Conduct and control research - research in the Department of Biotechnology and Reproductive Cryobiology of gametes;
- Expert Activity
- Lecturer in Biotechnology of reproduction in animals;
- Control and guide the work team
- Scientific work, the owner of the graduate, postgraduate and research projects

[Scientific and educational activities; Expert Activity.](#)

1989 – 2000 **1991 - Research Fellow I degree**
1989 - Research Fellow II degree
 Institute of Biology and Immunology of Reproduction "acad K. Bratanov", Bulgarian Academy of Sciences, Bulgaria, Sofia, 1113, Tsarigradsko shose "№ 73, <http://ibir.bas.bg/en>

- scientific work, development projects

[Research in department "Cryobiology of gametes"](#)

1987 – 1989 **Specialist**
 Institute of Biology and Immunology of Reproduction "acad K. Bratanov", Bulgarian Academy of Sciences, Bulgaria, Sofia, 1113, Tsarigradsko shose "№ 73, <http://ibir.bas.bg/en>

- Scientific research
- Development dissertation topic

[Research in the Department of Cryobiology of germ cells and artificial insemination](#)

1980 – 1981 **Specialist**
 IBIRRO - Bulgarian Academy of Sciences, Bulgaria, Sofia 1113, Tsarigradsko shoshe "№ 73

- Mastering the methods of work in the field of reproductive immunology

[Research in the Department of Immunology](#)

1978 – 1980 **District veterinarian**
 Agricultural Complex "Dimovo", agricultural farm – "Oreshets station", Vidin

- Treatment and prevention of livestock

[Veterinary activities](#)

EDUCATION AND TRAINING

2010 **Doctor of Agricultural Sciences**
 Institute of Biology and Immunology of Reproduction "Acad K. Bratanov, Bulgarian Academy of Sciences, Bulgaria, Sofia 1113, Tsarigradsko shose "№ 73

- Doctoral thesis "Influence of cryopreservation on the biological potential of the male gametes in a controlled breeding of domestic animals", for award of the degree of Doctor of Agricultural Sciences - 2010 Sofia. In fields:code 040 201 - "Breeding of farm animals, biology and biotechnology of reproduction", "Biology and immunology of reproduction in animals"; "Mechanisms of protection and Cryobiology of germ cells"

1982 – 1987 **scientific degree "Doctor of biological sciences"**
 Regular graduate student at the Department of Cryobiology germ cells and artificial insemination, IBIR - BAS

- Dissertation: "Cryoprotection of male germ cells of the species sus scrofa domestica code 040201 – Breeding of farm animals, biology and biotechnology of reproduction
- Animal reproduction; Cryobiology of reproductive cells; Reproductive biotechnology

1972-1978 **Master’s degree in Veterinary medicine**

Higher Institute of Veterinary Medicine and zootechnics "Georgi Dimitrov", Sofia

- Veterinary Medicine

1962-1972 **Secondary education**

31 School "Dimitar Polyakov"

- Training on all general education subjects
- Specialized class - math and English

PERSONAL SKILLS

Mother tongue(s) Bulgarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Russian	B2	B2	B2	B2	B2
English	B2	B2	B2	B2	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- Fellowship, tolerance and responsibility in relations with colleagues in solving everyday and upcoming tasks.
- Openness to new skills and implementation of modern developments in scientific research.

Organisational / managerial skills

- Responsibility and control the implementation and enforcement of the work, as required by law.
- The skills acquired during the acquisition of education and a master's degree - Doctor of Veterinary Medicine. In a later period in time the work IBIR - BAS, as the head section, head of graduate and doctoral students and during the period of the development of two dissertations and their defence.
- Ability to scientific work and education of young scientists - graduate and postgraduate students.

- **Head of defended theses / Master**
- 2004 – Master graduate - Alexander Dimitrov Kukov – Diploma work: "Effect of cryopreservation process on the behavior of phosphatidylserine from the PM in relation to sperm in fertile potential"
- 2005 Master graduate - Denitsa Boyanova Daskalova - Diploma work: "Characterization of the behavior of molecules and structures in the in vitro induced apoptosis and capacitation of sperm from the ram"
- 2006 Master graduate - Elka Rosenova Solenkova - Diploma work: "Isolation and purification of Anexin V of the pig placenta and its use as a marker for cell apoptosis"
- 2009 Master graduate - Preslava Markova - Diploma work: "Role of the sperm plasma cryopreservation of male gametes.
- 2010 Master graduate - Iva Georgieva Zheleva - Diploma work: "Analysis of side effects from the use of hormonal contraceptives and anabolic steroids and dexamethasone on reproductive system"

- **Supervisor of PhD students**
- Doctorate of Free PhD – Antoaneta Belcheva, Order № 130 / 21.07. 2000
Dissertation: "Influence of low temperature anabiosis on structural and functional integrity of cytoplasmic membrane of mammalian sperm"
- Part-time PhD - Kukov Alexander Dimitrov, 2005-2009
Dissertation: "Characterization of apoptosis - related markers in storage and cryopreservation of sperm of the ram"
- Part-time PhD - Denitsa Boyan Daskalova – 2007-2013. Dissertation: Analysis of plasma membrane and biological potential of boar (sus scrofa) spermatozoa during in vitro storage at low temperatures
- Part-time PhD - Elka Rosenova Solenkova
- Part-time PhD - Kyril Lazov
- Part-time PhD - Elena Ilieva Hristova, 2006 - 2009 r. Dissertation: "Cryobiological studies on fetal liver cells and tissues"
- PhD student – Irina Kirilova
- PhD student – Petar Dimitrov

- Membership in national and international scientific organizations
- Scientific Secretary of the IBIR - BAS
- Head of department
- Supervisor of PhD students and graduates
- Member of Scientific Expert Council in Fond Scientific Investigation
- Member of Advisory Board - BAS
- Expert to "Executive Agency for Selection and Reproduction in Animal Husbandry"
- Member of the Scientific Council for IBIR - BAS
- Member of the Union of Scientists in Bulgaria
- Member of the Scientific Society for Immunology of Reproduction
- Member of the Association of Veterinarians in Bulgaria
- Independent member of the Foundation of Veterinary Medicin

Job-related skills

- Ability to work with high-tech research and analytical equipment: sperm analyzer, HPLC, konfokal microscope, fluorescent and UV detection, microscopy, laminar boxes, etc.;
- Ability to work with cryogenic equipment;
- Ability to work with biological, immunochemical and immunofluorescence methods;
- Practical skills for working with animals;
- Computer work - word processing, spreadsheets, statistical packages, software for processing and analysis of images, etc.;

Digital competence

SELF-ASSESSMENT

Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

- Computer work - word processing, spreadsheets, statistical packages, software for processing and analysis of images, etc.

Other skills • Choral singing - 7 years in the Children's Choir of Bulgarian Radio and TV

Driving licence B

ADDITIONAL INFORMATION

- Publications
- Presentations
- Projects
- Conferences
- Seminars
- Honours and awards
- Memberships
- References
- Citations
- Courses
- Certifications

Scientific research projects

- Project no b-228-"development of technology for the storage of semen by type Canis and Bos Taurus", head, 1992, funded by the NF" NI " - MONT
- Project no b-508 – "research opportunities for medical regulation of sexual cycle and permanent contraception in dogs", head, 1995, funded by the NF "-Mon"
- Project no SS/807 - " In vitro viability and fertility will boost the ability of mammalian sperm ", Participant, 1998, funded by nu" US "-Mont
- Project to BAN-"studies on the translocation of phospholipids levels on the plasma membrane of mammalian sperm in norm and pathology, and under the influence of low temperatures", head, 2000 Budget subsidy the Bulgarian Academy of Sciences.
- A project of international cooperation with Viet Nam SR – "plodovitosti Issledovanie povyseniã technology developments in životnyh visokoproizvodstvenyh porodnyh sozdaniï", Participant, 2000 Intergovernmental level with WED Viet Nam.
- **Project under contract – "the reproductive cycle in the Asian elephant** (Elephas maximus) grown in zooparkovi conditions and opportunities for artificial insemination ", head, 2001, funded by the Zoo, Sofia.
- Project no Mu-k-1201 – „, Smoking and reproduction: studies of the impact of cigarette smoke on the integrity of human sperm membrane "Scientific Advisor, 2002, funded by the NF"-Mon "
- Project under contract – "the reproductive cycle in ursus arctos and ursus thibetanus horribilis, grown in zooparkovi conditions, head, 2003, funded by the Zoo, Sofia.
- Project to BAN – " Signalling pathways in apoptosis and kapacitaciã: the role of mitochondrial phospholipids levels, transmembrane potential and the integrity of the DNA on the oploditelnã potential of the gametes "Manager, 2004 Budget subsidy the BULGARIAN ACADEMY of SCIENCES.
- Project No Mu-131 – „, Isolation of Aneksin V as a biological marker for cell apoptosis", Science consultant, 2005, funded by the NF" NI " - MONT.
- (P) ob with no SS-14 – Proučvane on the mechanisms of transmission of transmissible spongiform encephalopathies in experimental animals and methods for the detection of infection", participant and co-author, 2005, funded by the NF" NI "-MONT.
- Contract between IASRŽ and IBIR-ban for constant methodical and technological help in assessing and Cryopreservation of semen -Manager, 2005.
- The contract between IASRŽ and IBIR-ban – „, Program for conservation of native breeds of livestock-receiving, grading and zaprazãvane of semen from Rams belonging to indigenous breeds in Republic of Bulgaria "Participant 2005.
- International cooperation-project "feature of fosfolipidnata asymmetry in the plasma membrane and DNA fragmentation of sperm for cryopreservation", head, 2006, financed by bezvaluten exchange between IBIR-BULGARIAN ACADEMY of SCIENCES and the University of Warmia and Mazury, Olsztyn, Poland.
- Project to BAN – " Dynamics of lipids in the plasma membrane, the integrity of mitochondrial and nuclear DNA fragmentation in fresh and kriokonservirani sperm, as markers of functional status and apoptosis "Manager, 2006 Budget subsidy the Bulgarian Academy of Sciences.
- Contracts financed by organizations with applications for diagnostiko 2002-2007-3 contract.
- Project to ban-characteristic of the protektivnata role of spermalno plasma proteins in Cryopreservation of sperm of Bull and a RAM with fractionated lipoproteins from egg yolk, 2009, Budget subsidy the BAN, Manager

- Project to ban-receipt of recombinant porcine aneksin V with a view to its application as a marker for the translocation of FS on the cell surface, 2009, Budgetary subsidy of BAS, Manager
- Project to NSF- BV-5 study of approaches to enhance reproduction in Buffalo, 2009, international project with RVietnam. Manager.
- Project for international collaboration-BAS, " Proteomics of plasma seminalna of RAM, boar and dog in connection with the kriotolerntnostta of sperm from these types of "2010, funded by bezvaluten exchange between IBIR-BULGARIAN ACADEMY of SCIENCES and the University of Warmia and Mazury, Olsztyn, Poland, Manager.
- Project to ban-Testing effect of protectors and biotechnology for the storage of sperm cells from mammals in terms of hypothermia ", 2008-2010 Budget subsidy the BAN, Manager
- Project to ban-characteristic of the protektivnata role of plasma protein spermalno on the biological properties and the Adaptive abilities of sperm from Koch in in vitro storage of low temperatures, "the 2010-2012 Budget subsidy of BAS, Manager
- Project to ban- "Influence of separated from the egg yolk lipoproteins on sperm from hog in niskotemperaturno storage (4⁰) 2011, Budget subsidy the BAN, Manager
- The project "Genetic improvement of sheep breeds in Bulgaria through the implementation of innovative product for the optimization of biotechnology in vitro storage in male gametes", 2007 BG161PO1.1.1-003/01/2007, op "development of the competitiveness of the Bulgarian economy" 2007-2013 "operation:" support for the creation and development of innovative start-up enterprises ' draft EPA-02-2-Head
- Project ReProForce under the 7th framework programme of the EU, "increasing research capacity of the Bulgarian Institute of biology and Immunology of reproduction" - 2010-2012 – Associate Prof."kovoditel Pack 4. Promotion and dissemination of results
- Project to BAN " Analysis of biologically active substances and spermalno plasma proteins with the aim of improving methods of cryopreservation the semen from bulls " 2013, Budget subsidy the BAN, Manager.
- (P) ob: under the operational program "human resources development" project BG051PO001-0059-3.3.06 Fundamental and applied training of PhD students, post-doctoral students, post-graduate students and young scientists in interdisciplinary biological trends and innovative biotechnology. The project is financed by the European Social Fund and the Republic of Bulgaria. 2013-2015, Lecturer in module 1.2 Reproductive biotechnology in animals "and module 2.4 Andologiã in animals.
- More the program for "Student practice" project bg051po001-3.3.07-0002, with the financial support of the operational program "human resources development", co-funded by the European Social Fund of the European Union 2014 2015 h=. Mentor of two student practices.

Project Manager and or contractand for the realization and commercialization of scientific products :

- Treaty of 26.10.2004 (d). With the company "BELSUN" LTD, Manager
- Contract with "Crow" to 2006. and annex to the contract with the "Crow" by 2010 Manager
- Contract for Exchange of experience and assistance in the field of reproduction of elite brood from 23.03.2005. "The selection and reproduction in livestock" -Sofia by 2006. Manager
- Contracts financed by organizations with diagnostic and practical activity by private companies for 2002-2007-3 Treaty, 2012 – 1 contract for 2013-2014-1. Manager
- Contract with IASSRŽ " The development of modern biotechnology in kriokonservaciãta of semen of different types of agricultural brood "2010 – 2012, Manager
- Contract with private Veterinary Clinic 2014-2018.

Taught courses and exercises:

- Invited speaker to the specialists in the field of reproduction and selection in animals to "Agency for selection and reproduction in livestock farming", in Varna, 2006.
- Lekcii exercises in "Biotechnology of reproduction in animals" in front of students who in the VVMF UF – Sofia – 2007 – 10 am.
- Plenary lecturer with report the second national round table organized by IBIR – Bulgarian Academy of Sciences, on the topic: "current problems in reproductive biology in food-producing animals in Bulgaria – Sofia, 20 June 2007.
- Giving lectures on "Reproduction of domestic animals and Andrology" in front of the students to "Veterinary Faculty, UNIVERSITY of FORESTRY, Sofia, Bulgaria – 2008, 2009
- Conducting practical exercises in the field of reproductive biology and biotechnology to the students of "Veterinary Faculty, UNIVERSITY of FORESTRY, Sofia, Bulgaria – 2008, 2009
- Lecturer of specialized doctoral course for AA-ban held at IBIR-30-"Biology of reproduction and reproductive biotechnology"-2010
- Lecturer on "Biotechnology of reproduction in animals" in front of students who in the VVMF UF – Sofia – 2010 – 30.
- Lectures and exercises to Agra University, Plovdiv, Bulgaria the specialized program master course '

- biology and biotekhnika of artificial insemination" , 2010 /2011 -80 h.
- Exported in 24 lectures lecture hours in four regions of Bulgaria – the town of Breznik, ELIN pelin, town of Slivnitsa and the town of Kostinbrod, before farmers and private breeders in the project proposal of the National Centre for vocational training to the BCCI on the Measure 111 "vocational training, information activities and the dissemination of scientific knowledge" to the State Fund "Agriculture" lectures are aimed at familiarizing the private breeders and farmers with basic approaches for the diagnosis and prevention of major infectious and parasitic diseases in sheep - 2011.
 - Invited speaker for holding lectures on the "propagation of domestic animals" in front of private farmers to "Association for the breeding of Bulgarian milk breed sheep and Breeding Association for Aboriginal breeds of sheep from Western Bulgaria" – 2011.
 - Lectures to the students of veterinary medicine on the subject "Andrology" – UNIVERSITY OF FORESTRY, Sofia, Bulgaria-2011-30.
 - Exercises to the students of veterinary medicine on the subject "Andrology" – UNIVERSITY OF FORESTRY, Sofia, Bulgaria – 2011 – 30.
 - (P) ublična academic lecture given to the scientific staff at the Bulgarian Academy of Sciences IBIR the theme: "Spermalno plasma proteins – role in the reproductive process and storage of sperm", 2012.
 - Lecturer of specialized doctoral course for AA-ban held at IBIR-30-"Biology of reproduction and reproductive biotechnology" to 2013.
 - Lectures and exercises on p ob the operational programme "human resources development" project BG051PO001-3.3.06-0059 -2014-2015 in module 1: biotechnology, 1.2. Reproductive biotechnology in animals -32 h.
 - Lectures and exercises on p ob the operational programme "human resources development" project BG051PO001-3.3.06-0059 -2014-2015 in module 2: reproductive biology and Immunology, 2.4. animal Andrology-25 pm.
 - More the program for "Student practice" project bg051po001-3.3.07-0002, 2014 mentor 2 practices for 2014.
1. Student practice " Andrology and visokospečializirana equipment SCA and HPLC" in the Institute of biology and Immunology of reproduction-Bulgarian Academy of Sciences – 240 hours
 2. Student practice " P job with highly specialized equipment HPLC, SCA, in vitro biotechnology "at the Institute of biology and Immunology of reproduction-Bulgarian Academy of Sciences – 240 hours

Graduates and doctoral students

Supervisor of graduate students

1. 2000 – graduate student Antoinette Slavčova Dahal.
2. 2004-Golden Medal – Alexander Dimitrov Daniels – the thesis entitled: "influence of cryopreservation process on the behaviour of phosphatidylserine from the GOM in sperm in relation to potential oploditelnâ – highly Bilogogičeski faculty at Sofia University "St. Kliment Ohridski".
3. 2005 – the Asnah graduate student Daisuke Dam – thesis on the theme: "characterization of the behavior of biomolecules and structures in in vitro -induced kapacitaciâ and apoptosis of sperm from Koch "-excellent secure. Bilogogičeski faculty at Sofia University "St. Kliment Ohridski".
4. 2006 Graduate - Elka Darling Daru, FAC. No. 20096 – Thesis on the theme: " Isolation and purification of Aneksin V from pig placenta and its use as a marker for cell apoptoza "- – highly Bilogogičeski faculty at Sofia University" St. Kliment Ohridski ".
5. 2009 graduate student-Prezlava Markova-thesis on the theme: "the Role of spermalnata in plasma of male gamete cryopreservation" -excellent secure, Bilogogičeski Department at Sofia University "St. Kliment Ohridski".
6. 20 10 2010 graduate student James Dalton-Dan-thesis on the theme: "analysis of the side effects of hormonal contraceptive and anabolic steroids and dexamethasone on the reproductive system" – protected by a very Good. Bilogogičeski faculty at Sofia University "St. Kliment Ohridski".
7. 2014 Marina Hristova-Damascus Faculty at Sofia University "St. Kliment Ohridski".

Supervisor of graduate students

1. Doctoral student Alexander Dimitrov Correspondence – Daniels, a dissertation on the topic: "the role of selected Research spermalno plasma proteins in vitro in storage of sperm from Koch" secure 2009. . on scientific specialty "breeding of agricultural animals, biology and biotechnology of reproduction" cipher master circular IECD
2. Regular doctoral student-Elena Ilieva Das, "Kriobiologični studies of fetal liver cells" secure 2009. on scientific specialty "breeding of agricultural animals, biology and biotechnology of reproduction" cipher master circular IECD
3. PhD student Competition, Daisuke Denitsa Dissertation on the topic: "the role of selected Research spermalno plasma proteins in *in vitro* in storage of sperm from Koch", protected 2011 by scientific specialty "breeding of agricultural animals, biology and biotechnology of reproduction" cipher master circular IECD
4. PhD student Correspondence – Elka Darling Daru, a dissertation on the topic: "receipt of

- recombinant Aneksin V from pig and application for detection of cell transformation and tumorigenesis", went to France in 2009.
5. Correspondence, dissertation PhD candidate Cyril Lazov t Emma: "structural analysis of passenger proteins isolated from sperm plasma from Koch" removed from the doctorate in 2012.
 6. PhD student Competition, Irina Kirilova, Thesis topic:- Analysis of biologically active substances and sperm plasma proteins with the aim of improving methods for the Cryopreservation of semen of bulls "is protection in 2015 (d).
 7. PhD student Competition Petar Hristov, a dissertation on the topic: : In vitro characterization of the semen of dogs in conjunction with the methods of freezing and thawing protection in 2016.
 8. PhD student Correspondence Desislava Gardening 2014-2018.

Scientific and practical activity

Discoveries and inventions

1. Zagorski (e), Dan m, Bobadov n. environment for cryopreservation of boar semen. Automatic Certificate N 77688, 1990.
2. Dan MG , Ivanov, Petrov EB mg. Pill device. Patent 99711 N, 1997.

Participation in scientific advice and scientific expert committees

- Member of the Permanent Scientific Committee of experts on "agricultural sciences" to Fund "research" to the MEYS, order № RD 01/11 of 26 years.
- Member of the Advisory Council on "Biomedicine and the quality of life" at the Bulgarian Academy of Sciences, order No. I -74 from 14.06.2011.
- Member of the PS "Agrobiologični research" , instock with tv"rden Protocol of the Board – Bulgarian Academy of Sciences, no. 9 of 16 May 2007 and no. 12 by 20 July 2007 – 2007/2008.
- Member of the Scientific Council at IBIR – Bulgarian Academy of Sciences
- Scientific Secretary of IBIR – Bulgarian Academy of Sciences
- Secretary of the Scientific Council at IBIR-Bulgarian Academy of Sciences
- Head of section "Reproduktivni biotechnology and cryobiology of gametes"
- Supervisor of graduate students and graduates
- H Len on the Advisory Board for a "Compound" – Plovdiv
- Chairman of n aučen With European When Orpheus Club Wellness-2008-2010 http://orpheusclub.com/?act=news&news_id=3947&category_id
- H Len on the Editorial Board of a corporate site www.wellnesszona.com

Expert activity in support of governance institutions and bodies

- Participation in the Commission's kspertna evaluation of the reproductive status of breeding animals – dogs, owned by DMTOSO – Obradovci – 2006, based on a contract between IBIR-DMTOSO.
- Participation in the Commission's kspertna evaluation of the frozen eâkulati of stallions owned by IASRŽ-2009, on the basis of order No 195 of 03.07.2009. but the Executive Director of IASRŽ.
- Participation in the Commission's kspertna eâkulati assessment of Aboriginal breeds of Rams, owned by IASRŽ-2005, on the basis of a contract.
- Expert to " Executive Agency for selection and reproduction in livestock "
- Member of Expert Committee in the NASRŽ to the Ministry " The drafting of a regulation on technological requirements at work stations for artificial insemination, import centres and distribution centres in the country. "
- Member of Expert Committee in the NASRŽ to the Ministry "and in carrying out this review of selection and reproduction of National Association for breeding and reproduction "
- Member of Expert Committee in the NASRŽ to the MINISTRY for the manufacture of " Ordinance on the conditions and procedure for conducting checks on imports and exports of breeding animals and organic products. "
- Chairman, in connection with orders NŽ № 188 from 20.05.2011 (d) . for the procedure at the choice of the Associate Professor the "cipher" 040201 breeding of agricultural animals, biology and biotehnika of reproduction "
- Chairman, in connection with orders NŽ № by 20.05.2011 189 g . the procedure for the acquisition of education and academic degree "doctor", in Schiffer 040201 "breeding of agricultural animals, biology and biotehnika of reproduction"
- Chairman of NŽ in connection with orders order № 114 of 17 may 2012 (d). in an open procedure for the selection of "Professor" at 01.06.17. "Animal and human physiology, professional direction 4.3." Biological Sciences, higher education area 4. "The natural sciences, mathematics and Informatics
- Member of NŽ in connection with order No 124 of 07.04.2014 d. ... in an open procedure for the selection of "Professor" at 01.06.17. "Animal and human physiology, professional direction 4.3." Biological Sciences, higher education area 4. "The natural sciences, mathematics and computer science". Reviewer.
- Over 30 gigs in examination committees in competitions to graduate students and research fellows,

assistants IBIR-ban.

- An anonymous reviewer of over 10 scientific projects funded by the National Science Fund, as a member of the Standing Committee of experts on the SNS "agricultural sciences" to Fund "research".
- Reviewed 3 theses for master's degree.
- Made 4 reviews of international publications and 2 of the Bulgarian editions for presentation to the editorial boards of scientific journals.

Membership in international professional and scientific associations, federations, companies, etc.

- Member of the Union of scientists in Bulgaria
- Member of the scientific society of Immunology of Reproduction
- Member of Union of veterinarians in Bulgaria
- A member of the society for the protection of animals
- Member of the editorial boards

Administrative-management experience

- Scientific Secretary of IBIR – Bulgarian Academy of Sciences
- Secretary of the Scientific Council at IBIR-Bulgarian Academy of Sciences
- Head of section "Reproduktivni biotechnology and cryobiology of gametes"-years
- Supervisor of graduate students and 7 8 graduates
- Head on over 19 scientific project and 10 contract concluded with private and State institutions.

Publikacionna activity, quotes

Books, textbooks, monographs	3
Publications	143
Publications and research papers in journals with impact factor	19
Popular	3
Total impact factor	37 . 584
Discoveries and inventions	2
Participation in Congress and with reports, posters and abstracts	109
Quoted (without avtocitiraniâ)	254
Leader and participant in the projects	28
Head of Government-funded contracts concluded with institutions and private companies	10
Head of doctoral students	8
But Manager graduate students	8
Participation in scientific and scientific and expert committees	15
Expert activity in support of governance institutions and bodies	15
Membership in international professional and scientific associations, federations, companies, etc.	5
H index	7

List of scientific publications

Publications with Impact factor

1. Angelova A, Al-Khanak, Vassilevski G, **Ivanova M.** Comparative electrophoretic investigation of proteins from seminal plasma of rainbow front /salmo gainer/. **Completes de "Academie Bulgare des Scieness" 1982:32, 9: 1295-1298. ISSN 0861-1459 IF -0.126**
2. Marinov M, **Ivanova M,** Al-Khanak H. Study on phospholipids in ram sperm. **Competes de "Academie Bulgare des Scieness"1983:1; 1451-1453. ISSN 0861-1459IF - 0.126**
3. Kovachev K, Zagorski D, **Ivanova M,** Bobadov N. Cryogenic damage of boar spermatozoa in pellets and in tubes. **Theriogenology, 1994:1369-1379. ISSN: 0093-691XIF-1.967**
4. **Ivanova - KichevaMG,** SubevMS, BobadovND, DachevaDP, RousevalA. Effect of thawingregimens on the morphofunctional state of canine spermatozoa. **Theriogenology 1995; 44: 563 - 569. ISSN: 0093-691X IF - 2.320**
5. **Ivanova - Kicheva M,** Bobadov N, Somlev B. Cryopreservation of canine semen in pellets and 5 ml aluminum tubes by using tree extenders. **Theriogenology 1997; 48; 1343 - 1349. ISSN: 0093-691X IF - 2. 320**
6. Ivanova M., M. Mollova, M.G. **Ivanova - Kicheva, M.** Petrov, Ts. Djarkova, B. Somlev. Effect of cryopreservation on zona - binding capacity of canine spermatozoa. **Theriogenology, 1999; 52; No 1, 163-170. ISSN: 0093-691X IF –1.932**
7. Belcheva A, **M Ivanova-Kicheva,** P Zvetkova, M Marinov. Effect of cigarette smoking

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