

CURRICULUM VITAE

BEZIRTZOGLU Eugenia,MD,PhD Professor in Microbiology Democritus University of Thrace

Name: BEZIRTZOGLU Eugenia
Nationality: Greek and French
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Languages:

- French
- Greek
- English

- German

Diploma obtained:

- Graduated in **Biochemistry** (Licence de Biochimie) (Lille, France, 1980).
- **Medical Degree** (Greece, 1991).
- Master in Biochemistry (**Maitrise de Biochimie**) (Lille, France, 1981).
- Master of Parasitology in Human Biology (**Maitrise de Parasitologie en Biologie Humaine**) (Lille, France, 1982).
- Master of Hematology in Human Biology (**Maitrise d'Hematologie en Biologie Humaine**) (Lille, France, 1982).
- Post-university studies (**D.E.A.** = Diplome d'etudes approfondies) in **Microbiology of Paris-Sud** University, 1981.
- **Ph.D. (Doctorat) in Microbiology of Paris-Sud** University, 1985.
- Certificate of "General Pathology" (Medical School, Lille, France, 1982).
- **Specialization of "Clinical Chemistry"** (Greece KESSY, 1988).
- **Habilitation in Microbiology of Paris-Sud** University, 1994.
- **Medical specialization in Microbiology (Biopathology)** (Athens, Greece, 1996).

EXPERIENCE IN THE DESIGN ,STRATEGY AND DEVELOPMENT OF CURRICULA IN SCIENCES-ADMINISTRATIVE SKILLS

- **Member of a Committee for proposals for organization of the new Medical School of Larissa University (1987)**
 - **First teaching personnel in Microbiology, Medical School, Creta University, 1986-1988. (Establishment of the Microbiology Laboratory for students practice).**

- **Transition action of the Medical School of Ioannina to the new University building (1990).**
 - **Establishing the laboratory of Microbiology in the new University Hospital of Ioannina (1990). Responsible of the laboratory of measurement of Antibiotics levels.**

- **Professor of Microbiology at Democritus University of Thrace (2003-today)**
 - **Director of the new Laboratory of Microbiology, Biotechnology, Hygiene**
 - **Director of the new Laboratory of Chemistry and Biochemistry**
 - **Director of the new Laboratory of Food Processing**

- **Member of the Ethics and Deontology Committee of Democritus University of Thrace, (2006 established)**
- **President of the Quality Control Committee for the External Evaluation (OMEA) for the Department of Agricultural Development of Democritus University of Thrace(since 2013)**
- **Head of programmatic Agreement from the Ministry of Agriculture and the Senate of Democritus University of Thrace for concession of building facilities and equipment from the Dimitra-ELGO(Ministry of Agriculture)to the University and Good Practice responsibilities(December 2015).**

Member of Scientific Societies:

- ASM (American Society of Microbiology).
- Anaerobe Discussion Group (UK).
- SOMED (International Society of Microbial Ecology and Disease) (USA).
- S.F.M. (Société Française de Microbiologie).

- Society of Anaerobic Bacteriology (USA).
- Greek Society of Microbiology.
- Greek Society of Clinical Microbiology and Diagnosis
- Greek Society of Chemistry.
- Greek Society of Clinical Chemistry.
- Greek Medical Association.
- ERVIPE (Greek Society for Research and Biology of the Intestinal System).
- Greek Society for Water Research
- Association des Membres de l'Ordre des Palmes Académiques (France) (AMOPA)

Member of Board of Scientific Societies:

- **Founding member and Secretary ERVIPE** (Greek Society for Research and Biology of the Intestinal System), 2000-today
- **Councillor** International Society of Microbial Ecology and Disease (SOMED, USA), 1994-1997
- **Treasurer Society for Microbial Ecology** and Disease (SOMED, USA), 2006-2014
- **Member of the Board** Greek Society for Water Research
- **Treasurer AMOPA** (Association de l'Ordre des Palmes Académiques), 2008-today
- **Councillor** International Gnotobiotic Society
- **President-Elect** International Society of Microbial Ecology and Disease (SOMED, USA), 2016 - 2018

Awards for education:

- Award of French government, 1982.
- Award of French government, 1983.
- Award Dobry-Baratz (Paris-Sud University, Orsay, France), 1983.
- Award of the Greek Ministry of Education for education in brucellosis at Czechoslovakia (Brno), 1988.

- Award NATO (Advanced Fellowship), 1999
- Award of the Greek Ministry of Education in the frame of University exchanges programmes for visiting Poland (Krakow), 2015

POSITIONS:

- Visiting Assistant Professor in the Medical School of the University of Crete, Greece (1986-1988).
- Ass. Professor of Microbiology, Medical School of Ioannina University (1988-2003).
- **Professor in Microbiology**, School of Agricultural Development, Democritus University of Thrace, Dept of Food Science and Technology (2003-today).
- **Chairman** of the Department of Food Science and Technology, Democritus University of Thrace (2003-today).
- **Director** of the Laboratory of Microbiology, Biotechnology and Hygiene (2003-today).
- **Director** of the Laboratory of Chemistry and Biochemistry of Foods (2003-today)
- **Director** of the Laboratory of Food Processing (2003-today)
- President** of the School of Agricultural Development, Democritus University of Thrace, (1/1/2014-today).

Teaching experience:

GRADUATE UNIVERSITY LEVEL

- Teaching of «General Microbiology», University of Crete, Medical School, (1986-1988).
- Teaching of «Systematic Bacteriology, Mycology, Virology», University of Crete, Medical School, (1986-1988).
- Teaching of practical courses in Microbiology, University of Crete, Medical School, (1986-1988).
- Teaching of «Environmental Microbiology» and «Food Microbiology», Medical School of Athens, (1987).
- Teaching of chapters in «General Parasitology» in Public Health School of Athens, (1987).
- Teaching of «General Microbiology» in Medical School of Ioannina, Greece, (1988-2003).

- Teaching of «Systematic Bacteriology, Mycology and Virology» in Medical School of Ioannina, Greece, (1988-2003).
- Teaching of practical courses of «General Microbiology» in Medical School of Ioannina, Greece, (1988-2003).
- Teaching of practical courses of «Systematic Microbiology» in Medical School of Ioannina, Greece, (1988-2003).
- Teaching of «Human Microbial Ecology» in Medical School of Ioannina, Greece, (1992-2003).
- Teaching of practical courses of «General Microbiology» at the Dept of Food Science and Technology, Agricultural Development Faculty, Democritus University of Thrace, Greece, (2003-today).
- Teaching of courses of «General Microbiology» at the Dept of Food Science and Technology, Agricultural Development Faculty, Democritus University of Thrace, Greece, (2003-today).
- Teaching of practical courses of «Food Microbiology» at the Dept of Food Science and Technology, Agricultural Development Faculty, Democritus University of Thrace, Greece, (2003-today).
- Teaching of practical courses of «Food Microbiology» at the Dept of Food Science and Technology, Agricultural Development Faculty, Democritus University of Thrace, Greece, (2003-today).
- Teaching of courses of «Industrial Hygiene» at the Dept of Food Science and Technology, Agricultural Development Faculty, Democritus University of Thrace, Greece, (2003-today).
- Teaching of courses of «Horticultural Technology» at the Dept of Food Science and Technology, Agricultural Development Faculty, Democritus University of Thrace, Greece, (1 year).

MASTER LEVEL

- Teaching of «General Microbiology» for the **Master of Biochemistry**, University of Ioannina, School of Chemistry, (1998-2003).
- Teaching of specialized seminars for physicians preparing a speciality degree or a doctorate, **University of Ioannina, Medical School**, Greece.
- Teaching in interdisciplinary courses of «Food Microbiology and Food borne diseases», in English, for the **Master of Food Biotechnology (University of Ulster, U.K., University of Patras, Greece and University of Ioannina, Greece)** (1999-today).
- Teaching and lecturing of specialized seminars for physicians in different microbiological topics for the **Greek Society of Microbiology** (Anaerobic bacteria diagnosis, rapid diagnosis of anaerobic infections, nematelmintoses e.t.c.).

- Teaching and lecturing in the Seminar «Update in Clinical Diagnosis of Infectious Disease» organized in Cantacuzzino Institute under responsibility of the **Berkeley University, California, U.S.A.**, (April 1998, June 1999).
- Lecturing in different microbiological subjects as supervisor of Ph.D. students, University of Ioannina, Medical School, Greece, (1988-2003).
- Teaching of the Chapter “Intestinal flora and its alterations” for the **Master of Clinical Nutrition and Dietetics**, Harokopeion University, Athens, Greece, 2001-today.
- Teaching of the Chapters “Probiotics”, “The microbe-host relationship”, “Epidemiology” for the **Master of Environment**, Harokopeion University, Athens, Greece, 2004-today.
- Teaching of Pharmaceutical Microbiology and Microbiological Controls for the **Masters of the Pharmacy School of Athens University** (Microbiologie Générale, Microbiologie Industrielle, Microbiologie de l’Environnement, Microbiologie des produits pharmaceutiques et cosmétiques, Hygiène pharmaceutique), 2005-today.
- Teaching of “Hygiene and safety controls in dairy industry” for the **Master of Hygiene and Safety of Democritus University of Thrace**, 2006-today.
- Teaching of “Microbial Ecology” for the **Master Sustainable Development in Agriculture, Democritus University of Thrace**, 2008-today.
- Teaching of the Chapters “Probiotics and intestinal flora” for the **Master of Applied Public Health and Environment, Medical School, Thessalia University**, 2008.
- Teaching of the Chapters “Bacterial metabolism” and “pathogenetic mechanism of infectious diseases” for the **Master of Dentistry School of Athens University**, 2008-today.

OTHER TEACHING RESPONSIBILITIES

- **General Chemical State Laboratory:** Educational Seminars dispensed in Microbiology to educate Directors, Chiefs of Departments and personnel (2005 -2010).

Invited speaker in seminars and round tables:

- 1986 **University of Larissa, Faculty of Medecine**
Proposal for the organisation of the new Medical School in Larissa.

- 1988 **University of Thessaloniki, Veterinary School**
Rapid Diagnosis of Anaerobic Infections.
- 1988 **University of Crete, Medical School**
Newborn Fecal Flora.
- 1988 **University of Athens, Faculty of Medecine**
Newborn Fecal Flora.
- 1988-90-92 **Greek Society of Microbiology**
Seminars in Bacteriology: Rapid Diagnosis of Anaerobic Infections.
- 1988 **Greek Society of Microbiology**
Seminars in Parasitology, October Round table: Nematelminthes.
- 1990 **XV International Congress on Microbial Ecology and Diseases**
Round table: Establishment of the newborn gastrointestinal flora.
- 1991 **University of Thrace, Faculty of Medecine**
Séminaires sur des techniques bactériologiques.
- 1989 **St. Mary's Hospital, London, England**
Establishment of the fecal flora in newborns delivered by cesarian section.
- 1991 **Karolinska Institut, Dept of Microbial Ecology**
Intestinal colonization of the newborn.
- 1992 **University of Thrace, Faculty of Medecine**
Microbiologie de la bile.
- 1992 **University of Ioannina, Faculty of Medecine, Dept of Internal Medicine**
Gastrointestinal flora.
- 1993 **Congres de l'Union Médicale Balkanique**
La situation actuelle sur le SIDA.
- 1993 **II Congress of the Mediterranean Society of Infectious and Parasitic Diseases, Morocco**
Recent advances on AIDS virus.
- 1995 **University of Ioannina, Faculty of Medecine, Dept of Orthopedics**
Gastrointestinal flora.
- 1995 **General Hospital G.Genimatas of Athens**

Immunoenzymatiques Technologies

- 1996 **International Congress on Anaerobic Bacteria and Anaerobic Infections**
The intestinal flora during the first weeks of life.
- 1998 Symposium «Update in Clinical Diagnosis of Infectious Disease»,
Cantacuzzino Institute (organized by Berkeley University, California, U.S.A.)
- 1999 Symposium «Update in Clinical Diagnosis of Infectious Disease»,
Cantacuzzino Institute (organized by Berkeley University, California, U.S.A.)
Rapid diagnosis of anaerobic bacteria and susceptibility testing.
- 1999 XIII International Symposium on Gnotobiology, **Karolinska Institute, Lab. of Medical Microbial Ecology, Stockholm, Sweden**
Intestinal flora and stress.
- 2000 Workshop on Stress and Nutrition-A fascinating crosstalk
(Danone), Strasbourg
Influence of psychological stress on the fecal carriage of indicator bacteria.
- 2001 Seminar of the **Harokopion University of Athens**, Round table:
Factors influencing the intestinale microflora.
- 2002 Seminar of the **Harokopion University of Athens**
Impact of the Ozonotherapy on the fecal flora.
- 2003 Seminar of the **Harokopion University of Athens**
Probiotics.
- 2003 International Congress on Gastroenterology, **University of Ioannina, Medical School**, Round Table: Establishment of the newborns gastrointestinal flora.
- 2004 **Greek Congress of Animal Production,TEI d'Epirus**

Probiotics and intestinal microflora.

2005 **Democritus University of Thrace, Faculty of Agricultural Development, Orestiada**

Probiotics.

2005 **TEI of Epirus (Technological Education Department)**

Environmental Microbiology and Public Health.

2006 Conference of the **Department of Food and Technologies, Democritus University of Thrace**

Evolution and prospects of bioenergy plants.

2006 **International Congress on Bioprocesses in Food Industries**

Probiotics and Intestinal microflora.

2006 **International Conference on Sustainable Management and Development in Mountainous and Island Areas**

Microbial ecology of the Ardas –Evros ecosystem.

2006 **World Congress on Food, Nantes, France**

Microflora of ham preparations.

2006 Conference on **Technology Transfer, Democritus University of Thrace**

Quality Control of Food and Drinks and Research Possibilities.

2006 **International Congress on Microbial Ecology and Disease, Rome, Italy**, Round Table: Apparent antibiotic misuse in environmental systems and food.

2007 **Medical School, Erciyes University, Kayseri**

Probiotics microorganisms, The intestinal flora of newborns overtime and space, Food microbiology, Rapid diagnosis of anaerobic bacteria.

2007 **Medical School, Ege University, Ismir**

Bacteria, Viruses and fungi introduced by food.

2007 **Department of Biology, University of Bucharest, Romania**

Probiotics microorganisms, The intestinal flora of newborns overtime and space, Food microbiology, Rapid diagnosis of anaerobic bacteria.

2007 **Medical School, University of Groningen, The Netherlands**

- Probiotics microorganisms, The intestinal flora of newborns overtime and space, Food microbiology, Rapid diagnosis of anaerobic bacteria.
- 2007 Master and doctoral seminars, **Department of Biology, University of Bucharest, Romania**
Rapid diagnosis of anaerobic bacteria.
- 2007 **Medical School, University of Szeged, Hungary**
Probiotics microorganisms, The intestinal flora of newborns overtime and space, Food microbiology, Rapid diagnosis of anaerobic bacteria.
- 2007 **Democritus University of Thrace, Department of Agricultural Development**
Conference “Agricultural rural development in Europe and students rehabilitation” and “The practice of students of the Department of Agricultural Development and future prospects in the workplace”.
- 2007 **XXXI International Congress on Microbial Ecology Congress, Rome**
Influence of Probiotics on the microflora
- 2008 **2° Greek Congress ΔΕΔΥΤ, Round Table «Actual nutritional needs-Influence of probiotics on the human intestinal microflora and their interest for the industrial exploitation»**
- 2009 **XXXII International Congress on Microbial Ecology St Petersburg, Russia**
Understanding the role of the intestinal cytochromes in health and disease.
- 2010 **4th International Conference on Industrial Bioprocesses, Curubita, Brasil, Intestinal cytochromes p450 regulating the intestinal microbiota and its probiotic profile**
- 2010 **International Congress on Food Technology, Antalya, Turkey**
Probiotics and the intestinal microflora over time and space
- 2010 **3° Greek Congress ΔΕΔΥΤ, Round Table «Functional Foods»**
- 2010 **4th International Conference on Industrial Bioprocesses, Curubita, Brasil**
Intestinal cytochromes p450 regulating the intestinal microbiota and its probiotic profile.
- 2010 **International Congress on Food Technology, Antalya, Turkey**

Probiotics and the intestinal microflora over time and space.

- 2011 **6th Probiotics and Prebiotics and New Foods, Rome, Italy**
Probiotics regulating cytochromes p450 of the intestinal microbiota.
- 2011 **XXXII International Congress on Microbial Ecology, Yokohama, Japan**
Microbial ecology and shelf life of ready-to eat pomegranate arils packaged under modified atmosphere.
- 2012 **XXXIII International Congress on Microbial Ecology, Valencia, Spain**
Evaluation of pomegranate juice as substrate fermentation for single cell protein (scp) production.
- 2012 **5th International Conference on Industrial Bioprocesses, Taipei, Taiwan**
Assessment of pomegranate juice as substrate for alcohol probiotic beverage production
- 2013 **International Congress on Microbial Ecology, Kosice, Slovakia**
The newborn intestinal microbiota and its probiotic profile
- 2014 **2nd International congress on Food Technology, Kusadasi, Turkey**
The newborn intestinal flora overtime ans space
- 2014 **International Congress on Microbial Ecology, Chicago, IL, USA**
Intestinal flora and arthritis
- 2016 **International Congress on Microbial Ecology, Nashville, TN, USA**
Cytochromes and Inflammation processes

SCIENTIFIC COLLABORATIONS

GREECE:

- Athens Medical School
- Dentistry School of Athens
- Patras Medical School
- Athens School of Hygiene
- Medical School of Thrace
- Molecular Biology Department of Thrace

- General Hospital Genimatas of Athens, Transfusion
- Alexandra Hospital, Immunology Department
- Metaxa Hospital, Microbiology Department
- Agriculture School of Athens
- Agriculture Department of Thessaloniki
- Harokopion University, Department of Nutrition
- Pharmacy School of Athens
- Chemistry department of Patras
- Chemistry Department of Ioannina
- General Chemical State Laboratory

INTERNATIONAL:

- Professor P. BOURLIOUX
Pharmacy School of Paris-Sud University, Microbiology Lab, Paris, France.
- Professor C. ROMOND
Pharmacy School of Lille II, Microbiology Lab, France.
- Professor T. MIDTVEDT and Professor E.NORIN
Karolinska Institute, Lab of Microbial Ecology, Stockholm, Sweden.
- Professor S. FINEGOLD
UCLA, VA Hospital, Los Angeles, USA., Laboratory of anaerobic infections.
- Professor G. Welling
Medical School, Groningen University, Laboratory of Microbiology, The Netherlands.
- Professor Willem de Vos
Wageningen University, Agricultural Department, Lab of Microbial Ecology, The Netherlands.
- Professor C. Augur and S. Roussos
University Paul Cezanne de Marseille, Biochemistry and Mycology Labs, France.
- Professor Elisabeth Nagy

University of Szeged, Medical School, Hungary.

Καθηγήτρια Veronica Lazar
University of Bucharest, Faculty of Biology, Department of
Microbiology, Bucharest, Romania

- Professor Andrew Onderdonk
Harvard Medical School, Boston, USA.

Organization of Congresses-Scientifics Boards Partipation

- Séminaires de Bactériologie pour les médecins en spécialité de Microbiologie de l'Université d'Ioannina.
- **President "XV International Congress on Microbial Ecology and Disease"**, 7-9 September 1990, Ioannina, Greece.
- Member of the Organizing Committee in the XVIII International Congress on Microbial Ecology and Disease, September 1992, Boston, U.S.A.
- **President "International Congress on Anaerobic Bacteria and anaerobic Infections"**, April 1996, Athens.
- **President Workshop "International Congress on Anaerobic Bacteria and Anaerobic Infections"**, April 1996, Ioannina and Athens.
- Member of the Organizing Committee "4th Meeting of the European Society of Chemotherapy", Athens (1996).
- Member of the Organizing Committee "Orfacial and Dental Infections Congress", Heraklion, Crete (1997).
- Member of the Organizing Committee "International Congress of Gnotobiology", Karolinska Institutet, Stockholm (1999).
- **President** "Innovations sur le domaine de la Science et de la Technologie Alimentaire", Faculté du Développement Agricole, Département de la Science et de la Technologie, Orestiada, Grèce (2005).
- Member of the Organizing Committee "International Congress on Bioprocesses in food industries" (2006), Patras, Greece

- Member of the Scientific Committee: "International Congress of Microbial Ecology", Saint Louis, USA (2006).
- Member of the Scientific Committee: "International Conference on Sustainable Management and Development in Mountainous and Island Areas, (2006), Naxos, Greece.
- **President of the Conference:** Industrial use of aromatic, pharmaceutical, energy plants and their antimicrobial activity, Orestiada (2006).
- Member of the Scientific Committee: International Congress on Microbial Ecology and Disease jointly with International Congress on Probiotics, Influence of Probiotics on the microflora Rome, Italy (2007).
- President of the Conference Democritus University of Thrace, Department of Agricultural Development, Conference "Agricultural rural development in Europe and students rehabilitation" and "The practice of students of the Department of Agricultural Development and future prospects in the workplace" (2007).
- Member of the Organizing Committee of 2o Greek Congress ΔΕΔΥΤ Round Table «Actual nutritional needs-Influence of probiotics on the human intestinal microflora and their interest for the industrial exploitation» (2008).
- Member of the Organizing Committee "International Congress on Microbial Ecology", St Petersburg (2009).
- Member of the Organizing Committee of XXXII International Congress on Microbial Ecology St Petersburg, Russia "Understanding the role of the intestinal cytochromes in health and disease" (2009).
- Member of the Scientific Committee of Organizing Committee of 1st ROWER Conference on Occupational Health and Safety Economics, Ismir, Turkey (2009).
- Member of the Scientific Committee, Health Related Microbiology, Naxos, Greece (2009).
- Member of the Scientific Committee 3rd Greek Congress ΔΕΔΥΤ Round Table «Functional Foods» (2010).
- Member of the Scientific Committee ,International Congress on Food Technology, Antalya, Turkey. Probiotics and the intestinal microflora over time and space (2010).

- **President of the Congress** “International Congress on Microbial Ecology, Athens, Greece” (2010).
- Member of the Organizing Committee “2nd ROWER Conference on Occupational Health and Safety Economics, Sinaia, Romania (2011).
- Member of the Organizing Committee “EFFOST International Conference, Athens, Greece(2011)
- Member of the Organizing Committee “ROWER Conference on Occupational Health and Safety Economics, Groningen, The Netherlands (2012).
- Member of the Organizing Committee “ ROWER Conference on Occupational Health and Safety Economics, Thessaloniki, Greece (2013).
- Member of the Organizing Committee “International Conference on Foods and Biosystems engineering, Myconos, Greece (2013).
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- Member of the Organizing Committee “International Congress on Microbial Ecology”, Yokohama, Japan (2011).
- Member of the Organizing Committee “International Congress on Microbial Ecology”, Valencia, Spain (2012).
- Member of the Organizing Committee “International Congress on Microbial Ecology”, Kosice, Slovakia (2013).
- Member of the Organizing Committee “International Conference on Foods and Biosystems engineering, Myconos, Greece (2014).
- Member of the Organizing Committee “International Congress on Microbial Ecology”, Chicago, USA (2014).
- Member of the Organizing Committee “International Congress on Microbial Ecology”, Verona, Italy (2015).
- Member of the Organizing Committee “International Conference on Foods and Biosystems engineering, Myconos, Greece (2015).
- Member of the Organizing Committee “3rd International symposium of Traditional Foods from Adriatic to Caucasus”,Serajevo, Bosnia-Erzegovina(2015)

Referee:

- International Science Foundation (ISF), Washington DC, USA. Evaluation of scientific projects
- Guest Editor of the American Journal ANAEROBE twice for publishing Special issues
- Referee of different scientific journals Anaerobe (IF2.6), Microbial Ecology in Health and Disease (IF0.8), Microbial Ecology (IF2.9), Veterinary Research (IF3.6), Food Science and Nutrition (IF1.3), Bioresource technology (IF5.32), Journal of Clinical Microbiology (IF4.2), Microbiology and Immunology (IF1.6), Journal of Medicinal Plants Research (IF0.6), American Journal of Physiology (IF4.3), Food Research International (IF3.5), Journal of Medical Microbiology (IF3.8), Journal of Biological Research (IF0.6), Journal of Food Science and Nutrition (IF1.3) and other..
- **Editorial Board** in scientific journals: Anaerobe(IF 2.8), Microbial Ecology in Health and Disease, Biointerface Research in Applied Chemistry (http://biointerfaceresearch.com/?page_id=87), Veterinary Research, Life Sciences (USA), Letters in Applied Nanoscience(<http://nanobioletters.com/journal-info/editorial-board>), Agricultural Journal, Environmental Research, Romanian Biotechnological Letters (www.rombio.eu)
- **Laboratory Expert of the European CDC** Enternet action
- **Official Representative Greece** Enternet action
- Transition action of Enternet from Health Policy Agency (HPA) UK to ECDC (Stockholm)
- Evaluator of Scientific projects Greek Ministry of Research and Technology, Greek Ministry of Education, IKY Scholarships
- Evaluator of Scientific projects European level for Romania (Advanced ideas) twice
- Evaluator of Scientific projects European level in France (French National Research Agency)
- External Evaluator of research Scientific projects of GSRT -Greek Ministry of Research and Technology, Greek Ministry of Education

SCIENTIFIC COMMITTEES

- Member of a Committee for proposals for organization of the new Medical School of Larissa University (1987)
- Member of the Medical Microbiology (Biopathology) Specialization Board ,Ioannina,1993
- Member of the Central Committee of Transcription of Foreigners Students (KEEME),1994-1995
- Member of the Ethics and Deontology Committee of Democritus University of Thrace
- Member of the “European Study group on antimicrobial resistance of Anaerobic bacteria [ESCMID]”

SUPERVISOR IN MASTERS AND DIPLOMA

- More than 400 masters and diploma graduated students

PARTICIPATIONS IN PhDs THESIS (3-BOARDS OR 7-BOARDS MEMBERS)

- 10 PhDs THESIS University of Ioannina Medical School
- 2 PhDs THESIS University of Patras, Medical School
- 3 PhDs THESIS University of Patras, Department of Chemistry
- 3 PhDs THESIS University of Ioannina, Department of Chemistry
- 2 PhDs THESIS Agricultural University of Athens

INVITATION IN PHDs THESIS ABROAD

- SWEDEN (STOCKHOLM): Aina Gustafsson (Karolinska Institute): «Influence of some exogenous factors on the gastrointestinal ecosystem».(Opponent)
- LILLE (FRANCE): Assia Ais-Fais (Université Lille II, Faculté de Pharmacie): «Contribution a l'étude des produits de fermentation de *Bifidobacterium breve* chez l'animal et chez l'homme»(External Examiner-Jury de Thèse)
- CLERMONT-FERRANT(France) :Serge Djorie (Universite dd ;Auvergne, Faculté de Médecine de Clermont

Ferrant) :Traitement de la tuberculose par un complexe macromoléculaire bifidobactérien.

- TARTU(ESTONIA): Kai Truusalu (University of Tartu,Medical School) : «Probiotic lactobacilli in experimental persistent *Salmonella* infection»,April2013,(Opponent)

SUPERVISOR IN PHDS THESIS

- 11 PhDs THESIS were conducted under by supervision in items of Clinical Microbiology and Microbial Ecology and successfully defended.

CLINICAL WORK

Ioannina University Hospital

Chief of the pharmacokinetics laboratory for the determination of antibiotics levels in biological fluids.

ADMINISTRATIVE EXPERIENCE

- **President of the Department of Agricultural Development, Democritus University of Thrace(2013 –today)**
- **Chairman of the Department** of Food Science and Technology, Democritus University of Thrace (2003-today)
- **Director of the Laboratory** of Microbiology, Biotechnology and Hygiene (2003-today)
- **Director of the Laboratory** of Chemistry and Biochemistry of Foods (2003-today)
- **Director of the Laboratory** of Food Processing (2003-today)
- **Laboratory Expert** του European CDC Internet action
- **Official Representative Greece** Internet action
- **Transition action of Internet from Health Policy Agency (HPA) UK to ECDC (Stockholm)**
- **Expert list EFSA (European Food Safety Authority)**
- **Expert list DG SANCO**(Directorate-General for Health and Consumers),European Commission
- **Member of the Senate**, Democritus University of Thrace
- **Member of the Ethics and Deontology** Committee of Democritus University of Thrace, (2006 established)

- **President of the Quality Control Committee for the External Evaluation (OMEA)** for the Department of Agricultural Development of Democritus University of Thrace(since 2013)
- **Head of programmatic Agreement** from the Ministry of Agriculture and the Senate of Democritus University of Thrace for concession of building facilities and equipment from the Dimitra-ELGO(Ministry of Agriculture)to the University and Good Practice responsibilities(December 2015).

SCIENTIFIC DISTINCTIONS

- **Prix Grec Tsikourakos** (1993) Best Scientific Presentation« HerpesVirus in cancer patients and correlation with radiological image »
- **Councillor** of the International Society for Microbial Ecology in Health and Disease(SOMED),2006
- After vote,**Treasurer** of the International Society for Microbial Ecology in Health and Disease(SOMED),2006-2014
- **Academic Palm 'Chevalier'** from French Ministry of Education and French Prime Minister, Nomination 2006
- **Proposed Academic Palm 'Officier'** from French Ministry of Education and French Prime Minister, Nomination September 2015
- **External examiner (Opponent Karolinska Institutet) PhD Thesis**
- **Rapporteur (Université de Lille, France) PhD Thesis**
- **Member of the Organizing Steering Committee of the 'Antidopping Control' of Athens 2004 Olympic Games.**
- **Laboratory Expert tou European ECDC and first Official Representative Greece** Enteric pathogens ENTER-net.
- After vote,**President-Elect** of the International Society for Microbial Ecology in Health and Disease(SOMED),2016-2018

RESEARCH ACTIVITIES

- **SCIENCES TECHNIQUES UNIVERSITY LILLE I,BIOCHEMISTRY. INSTITUT PASTEUR LILLE** Isolation of human glycoprotein with blood groups activities.
- **UNIVERSITY OF PARIS-SUD**, School of Pharmacy, Microbiology (1981 - 1985). Study of normal fecal flora in adults.

- **UNIVERSITY OF LILLE**, Microbiology. Study of normal fecal flora in newborns.
- **KAROLINSKA INSTITUTET**, Laboratory of Microbial Ecology. Implantation of bacteria in axenic models of animals.
- **UCLA-ANAEROBIC LAB**, Medical School-Clinical Microbiology. Anaerobic bacteria studies

KNOWLEDGE OF INSTRUMENTAL TECHNIQUES

Polyacrylamide electrophoresis
 Anaerobic cultures
 Laser counter, lumac bio-counter
 Gaz chromatography anaerobes identification
 Implantation of flora in axenic gnotobiotic animals
 FISH
 Fluorescence polarization
 ELISA, RIA
 Immunofluorescence
 PCR
 E-TEST
 Bioluminescence
 Microbiological methods

RESEARCH ITEMS CONDUCTED THROUGH MY CAREER

- Study of normal fecal flora in adults and newborns and influence parameters in the colonization process (environment, alimentation, PH, antagonism, antibiotics).
- Study of antagonism between *Clostridium perfringens* and *Bifidobacterium bifidum* in axenic cobaye.
- Epidemiological studies of viruses HIV1, HIV2, CMV, HSV, Hepatitis B, Hepatitis D.
- Implantation of bacteria in axenic models of animals.
- Anaerobic bacteria of the intestinal microflora and other floras.
- Anaerobic bacteria in waters.
- Anaerobic bacteria in the environment.
- Intestinal flora in patients of intensive care unit.
- Intestinal flora in patients with familial polyposis.
- Probiotics and intestinal microflora.
- Stress and intestinal microflora.
- Ozone upon the intestinal microflora.
- Food microbiology and food pathogens.
- Probiotic foods.

- Foods fermentation
- Exploitation of beer spent grains for alcohol production

PRINCIPAL INVESTIGATOR OF RESEARCH PROJECTS :

■ Research Awards :

- **Research Committee Ioannina University**, 1990, Clinical infections *M. hominis* and *U. Urealyticum*.
- **Centre for Hydrobiological Research**, 1991, Aquatic ecosystems.
- **WHO - Environmental Program - Mediterranean Pollution**, 1994, Anaerobes in waters
- **European Community Project CONCERTED ACTION**, 1998, Intestinal flora.
- **Greek Ministry of Research and Technology:**
 - **PEP** , 2008, Optimizing quality of dairy products by application of new technologies and configuration management automated modeling(800.000euros)
 - **PAVET** , 2006, Cellulosic brewery waste for bioethanol production(50.000euros)
 - **PAVET** , 2006, Biotechnological exploitation of food industry wastes for the production and certification of new innovative products(60.000 euros)
- **Greek Ministry of Education PYTHAGORAS**, Aquatic ecosystems antibiotic resistance, 2003(50.000 euros)
- **Greek-French bilateral collaboration PLATON**, 1996-1998, Clinical evaluation of *Bifidobacterium sp* for preparation of acid dairy products (20.000 euros).
- **Greek Ministry of Agricultural Development and Food**. "Innovative actions" European project. Microbial diseases of culture species .Solutions.2005-2009(200.000 euros)
- **Greek Ministry of Education:**
 - Students mobility to enterprises I (2004-2007)(200.000 euros)

- Students mobility to enterprises II (2008-2010)(170.000 euros)
- Students mobility to enterprises III (2011-2013) (120.000 euros)

-- **Ministry of Education, GSRT** “Synergasia” Subcontractor with University of Patras “Cellulose nano- and micro-biotechnology:Applications”(NANOBIOTEC),2012-2014(100.000 euros)

- **Ministry of Education, GSRT** “Synergasia” “Production of new functional foods ”, PROFOODS, 2012-2014(1.200.000 euros)

- **INTERCELL** Pharmaceuticals “Influence of the nutrition and antibiotherapy upon the human intestinal microflora”, 2006-2009 (7.000 euros)

- **Wyeth** Pharmaceuticals (IL., USA) και International Health Management Associates, Inc. (IL., USA) Clinical Assays for Tigecycline in the frame of European Surveillance Trial (T.E.S.T.), 2005-2011

- **Astra Zeneca** Pharmaceuticals (IL., USA) και International Health Management Associates, Inc. (IL., USA) Clinical Assays for Development of New Antibiotics Substances (ceftaroline, ceftaroline-avibactam, ceftazidime-avibactam, novel Astazeneca compounds & comparator agents), 2013

-**NOVALAC**(France) Newborn intestinal microbiota following type of feeding,2015

- **Programmes ERASMUS developed:**

University Paul Cezanne de Marseille (France), University of Sciences and Techniques, Lille (France), Medical School of Budapest (Hungary), Medical School of Erciyes (Turkey), Medical School, Ege (Turkey), Faculty of Biology, University of Bucharest (Romania), Medical School, University of Groningen (The Netherlands), University Yeditepe, Istanbul (Turkey), University Adana(Turkey),University Isparta(Turkey), University Paris-Sud, Faculty of Phramacie (France), Agricultural University Krakow (Poland)

Co-participation in research projects

- **Ministry of Health**, 1992, Occurrence of *C.trachomatis* infections

- Participation in the **European project**” «European Surveillance Study on Antibiotic Sensitivity of *B.fragilis* Group Strains,*P.acnes*».

-**Archimedes I**, with TEI Artas, 2003, Environment, Agriculture and Biodiversity

- **Archimedes II**, with TEI Artas, 2005, Immunology of lactation production in animals

- Public Health **FP7**, 2007 «Building a knowledge Repository for Occupational Well-being Economics Research (**ROWER**)» 1/6/2008 – 31/5/2011, «HEALTH-2007-4.2-3: Research to assess the economic dimension of occupational health and safety», participating bodies: A.T.E.I.Θ. (EL), E.K.E.T.A. (EL), University of Groningen (NL), University of Bucharest (RO), Ege University (TR), Southwest University Neofit Rilski (BU), University of Thrace (EL)

-**Thalis**,with TEI Thessaloniki, Antimicrobial resistance studies in foodstuffs

■ Awards for organisation of Congresses/Seminars :

- **Greek Ministry of Research and Technology** for organisation of the XV International Congress on Microbial Ecology and Disease, 1990.

- **Greek Ministry of Research and Technology** for organisation of the International Congress and Workshop on Anaerobic Bacteria and Anaerobic Infections, 1996.

PUBLICATIONS

A. MONOGRAPHS

I. INTERNATIONAL MONOGRAPHS and BOOKS

1. Bezirtzoglou E.: Recherche d'activites de groupes sanguins au niveau de la bande III preparee a partir de membranes de globules rouges humains. CRTS de Lille, Institut Pasteur de Lille et Faculte de Medecine, Lille II, Monograph, 1981.
2. Bezirtzoglou E.: Etude de la flore fecale du nouveau-ne et comparaison avec la flore rectale et vaginale de sa mere. Memoire de D.E.A., PARIS-SUD, 1982.
3. Bezirtzoglou E.: Contribution a l'etude de l'implantation de la flore fecale anaerobie du nouveau-ne mis au monde par cesarienne. Doctorat No 13, PARIS-SUD, 1985.
4. Bezirtzoglou E.: Microbial ecology study .Habilitation (HDR), Universite de Paris-Sud, Faculty of Pharmacy, France, 1994.

5. Bezirtzoglou E.: Food Microbiology (Book), Publication University of Ioannina, Greece, 2003.

II. BOOKS in GREEK LANGUAGE

1. Μπεζιρτζόγλου Ε.: Άτλας Παρασιτολογίας, Εκδόσεις Ηλιοσκόπιο, Αθήνα 1988.(Atlas of Parasitology by Bezirtzoglou E.)
2. Μπεζιρτζόγλου Ε.: Φυσιολογική μικροβιακή χλωρίδα του ανθρώπου, Εκδόσεις Παν/μίου Ιωαννίνων, 1994.(Human Microbial Microflora by Bezirtzoglou E.)
3. Μπεζιρτζόγλου Ε. : Κεφάλαια στο βιβλίο «Ιατρική Μικροβιολογία» των Πανεπιστημιακών Δ.Ε.Π. Ιατρικών Σχολών, «Αναερόβια Gram θετικά μη σπορογόνα βακτηρίδια» (*Actinomyces, Eubacterium, Lactobacillus, Propionibacterium*) και *Nocardia*.(Chapter in the Book of Medical Microbiology edited from Greek Medical School Professors)
4. Μπεζιρτζόγλου Ε.: Μικροβιολογία Τροφίμων και πεπτικού συστήματος. Εκδόσεις Παρισιάνος, Αθήνα, 2004.(Microbiology of Foods and the Intestinal Ecosystem by Bezirtzoglou E.)
5. Μπεζιρτζόγλου Ε. : Γενική Μικροβιολογία, Εκδόσεις. Παν/μίου Ιωαννίνων, 1998(General Microbiology by Bezirtzoglou E.)
6. Μπεζιρτζόγλου Ε., Γενική Μικροβιολογία, Εκδ. Παρισιάνος, 2005.(General Microbiology by Bezirtzoglou E.)
7. Μπεζιρτζόγλου Ε.: Υγιεινή Βιομηχανιών Τροφίμων και Φαρμάκων, Εκδόσεις Δίσιγμα, 2010 (Industrial Hygiene of Foods and Medecines by Bezirtzoglou E.)

B. PUBLICATIONS IN INTERNATIONALS SCIENTIFIQUES JOURNALS(PEER-REVIEW)

I. SELECTED PUBLICATIONS

- 1) Bezirtzoglou E., Romond M.B., Romond C.: Modulation of *C.perfringens* intestinal colonization in infants delivered by cesarian section. Clinical Digest Series, 1990.
- 2) Bezirtzoglou E., Romond C.: Nosocomial infections of ocular conjonctiva in newborns delivered by cesarian section. Ophthalmology Digest, 1991.
- 3) Bezirtzoglou E., Romond M.B., Romond C.: Regulation of the bacterial intestinal implantation in infant born by cesarian section. Clinical Digest Series Infant Nutrition, 1992.

II. PUBLICATIONS IN INTERNATIONALS JOURNALS

- 4) Neut C., Bezirtzoglou E., Romond C., Beerens H., Delcroix M., Noel A.M.: Bacterial colonization of the large intestine in newborns delivered by caesarean section. Zbl. Bakt. Hyg. A. 266, 330-337, 1987.

- 5) Bezirtzoglou E., Romond M.B., Romond C., Beerens H.: Factors modulating the intestinal colonization of infant born by cesarian section. *Microecology and Therapy*, 17, 21, 1987.
- 6) Bezirtzoglou E., Chavatte P., Romond C.: A quantitative study of fecal and other bacteria floras of newborns delivered by cesarian section. *G.I. Pat. Clin.*, IV (2), 1989
- 7) Bezirtzoglou E., Romond C.: Effect of the feeding practices on the establishment of bacterial interactions in the intestine of the newborn delivered by cesarian section. *J. Perinat. Med.* 17, 139, 1989.
- 8) Bezirtzoglou E., Romond C.: Bacterial flora of the nasal mucosa in newborns delivered by cesarian section. *Microecology and Therapy*, 19, 93, 1989.
- 9) Bezirtzoglou E., Romond M.B., Romond C.: Modulation of *C. perfringens* intestinal colonization in infants delivered by cesarian section. *Infection*, 17, 4, 232, 1989.
- 10) Bezirtzoglou E., Romond C.: Rapid identification and enumeration of *C.perfringens* in the human fecal flora. *Microbial Ecology in Health and Disease*, 3, 159-163, 1990.
- 11) Bezirtzoglou E., Romond C.: Occurrence of Bifidobacterium in the feces of newborns delivered by cesarian section. *Biology of the Neonate*, 58/5, 1990.
- 12) Bezirtzoglou E., Romond C.: Occurrence of *Enterobacteriaceae* and *E. coli* in the intestine of the newborn by cesarian section. *Acta microbiologica* , 25, 76, 1990.
- 13) Kavallierou L., Bezirtzoglou E., Kapellou P., Spanaki S., Renieri N.: Antibodies to CMV, HSV and EBV in Greek blood donors. *Medical Laboratory Sciences*. 48, 1990.
- 14) Bezirtzoglou E., Romond C.: Apparition of *Clostridium sp.* and *Bacteroides* in the intestine of the newborn delivered by cesarian section. *Comparative Immunology, Microbiology and Infectious Diseases*, 13 (4), 217-221, 1990.
- 15) Bezirtzoglou E., Romond C.: Bacterial interactions in the intestine of the newborn delivered by cesarian section. *Annals of Obstetrics, Gynecology and Medecine Perinatale*, 112 (2), 75 - 82, 1991.
- 16) Bezirtzoglou E., Romond C.: Nosocomial infections of ocular conjonctiva in newborns delivered by cesarian section. *Ophthalmic Research*, 23/2, 1991.
- 17) Bezirtzoglou E.: Establishment of the Gastrointestinal microflora. *G.I. Pat. Clin.*, Vol. VI, N.4, 1991.
- 18) Bezirtzoglou E., Romond C.: Comportement du *C. perfringens* dans l'intestin du nourisson par cesarienne. *Annales de Pediatrie*, 1-5, 1991.
- 19) Bezirtzoglou E., Romond C.: Gram (+) anaerobic intestinal cocci in healthy adults and neonates. *Clinical and Experimental Obstetrics and Gynecology*. XVIII (4), 1991.

- 20) Bezirtzoglou E., Romond C.: Influence of the environment on the establishment of the anaerobic vaginal flora at term. *Microecology and Therapy*, 22, 1992.
- 21) Bezirtzoglou E., Romond M.B., Romond C.: Regulation of the bacterial intestinal implantation in infant born by cesarian section. *Comparative Immunology Microbiology Infectious Diseases*, 15 (1), 1992.
- 22) Bezirtzoglou E., Romond C.: Quantitative distribution of Clostridia in babies born by cesarian section. *Microbiologia Medica*, 7 (4), 93-96, 1992.
- 23) Levidiotou S., Bezirtzoglou E. et al: Occurrence of *Salmonella* serotypes in Greece. *Mediterranean Journal of Infectious and Parasitic Diseases.*, VIII, 4, 203-207, 1993.
- 24) Kostoula A., Zoannou A., Bezirtzoglou E., Antoniadis G., Hatzis J.: Occurrence of *Demodex folliculorum* in Greece. *Recent Advances in Chemotherapy*, ASM, 713, 1993.
- 25) Simopoulos C., Kouskousis C., Polychronides A., Bezirtzoglou E.: Effect of different antibiotics combinations in experimental septic peritonitis (ESP) in rabbits. *International Journal of Clinical and Laboratory Research*, 1994, 24, 167-170, 1994.
- 26) Bezirtzoglou E., Dimitriou D., Panagiou A., Kagalou I.: Distribution of *C.perfringens* in different aquatic environments in Greece. *Microbiological Research*, 149, 129-134, 1994.
- 27) Bezirtzoglou E., Norin E., Chen J., Midtvedt T.: Influence of Roxithromycin on the fecal excretion of short-chain fatty acids. *Microecology and Therapy*, 24, 1996.
- 28) Bezirtzoglou E., Norin E., Midtvedt T.: Influence of Roxithromycin on the fecal tryptic activity. *Microecology and Therapy*, 23, 102-106, 1995.
- 29) Bezirtzoglou E., Panagiou A., Savaidis J., Theodorou D., Tsolas O., Antoniadis G.: A new and rapid method for identification of *C. perfringens* in cave waters. *Microecology and Therapy*, 23, 188-194, 1995.
- 30) Bezirtzoglou E.: Review article: Recent advances on AIDS virus. *Mediterranean Journal of Infectious and Parasitic Diseases*, IX (4), 200-210, 1994
- 31) Bezirtzoglou E., Golegou S., Beris A. and Th. Xenakis: A relationship between serum Gentamicin concentrations and MIC. *Drugs under experimental and clinical research*, XXII (2), 57-60, 1996.
- 32) Bezirtzoglou E., Norin E., Chen J., Midtvedt T.: Influence of Roxithromycin on mucin degradation in rats. *Microecology and Therapy*, 25, 168-172, 1995.
- 33) Bezirtzoglou E.: An epidemiological review of AIDS in Mediterranean countries. *Mediterranean Journal of Infectious and Parasitic Diseases* IX(4), 231-233, 1994.
- 34) Panagiou A., Savvaids J., Theodorou D., Bezirtzoglou E.: Influence of the light on the presence of *C. perfringens* in caves. *Clinical Infectious Diseases*, 20 (2), S 380-1, 1995

- 35) Bezirtzoglou E.: Anaerobic colonization of the large intestine in newborn infants delivered by cesarean section. *G. I. Pat. Clin.*, 1, 1-6,1996.
- 36) Kavallierou L., Bezirtzoglou E., Passomenos D., Kampas I., Tavernaraki A., Renieri N.: Antibodies prevalence to cytomegalovirus (CMV), Epstein-Barr virus (EBV) and Herpes Simplex Virus (HSV) in cancer patients. *Mediterranean Journal of Infectious and Parasitic Diseases*, X (1),15-19, 1995.
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- 38) Bezirtzoglou E., Dimitriou D., Panagiou A.: Occurrence of *C. perfringens* in river water by using a new procedure. *Anaerobe*, 2, 169-173,1996.
- 39) Papastathopoulou A., Bezirtzoglou E. and Legakis N.J.: *Bacteroides fragilis*: Production and sensitivity to bacteriocins. *Anaerobe*, 3, 162-164,1997.
- 40) Bezirtzoglou E., Panagiou A., Savvaidis I., Maipa V.: Distribution of *Clostridium perfringens* in polluted lake environments. *Anaerobe*, 3, 169-172,1997.
- 41) Bezirtzoglou E.: The intestinal microflora during the first weeks of life. *Anaerobe*, 3, 173-177,1997.
- 42) Bezirtzoglou E., Romond C.: Occurrence of *Lactobacillus* in newborns delivered by cesarian section.
Reviews in Medical Microbiology, 8 (1) 1997.
- 43) Papastathopoulou A., Bezirtzoglou E., Legakis N.: A new selective medium for the isolation of *B. fragilis*. *Microbial Ecology in Health and Disease*, 2, 110-113,1998.
- 44) Romond M.B., Bezirtzoglou E., Romond C.: Colonization of the murine gut by *B. bifidum* and *C. perfringens* during ageing. *Microbial Ecology in Health and Disease*, 2, 110-113,1998.
- 45) Bezirtzoglou E., Kaliouli-Antonopoulou C., Driyiannakis D.: Occurrence of *Lactobacilli* in oral cavity.
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- 46) Singer E., Yazourh A., Romond M.B., Odou M.F. Bezirtzoglou E., Dubreuil L., Romond C.:
In vivo relationship between intestinal Bifidobacteria overgrowth and *Bacteroides fragilis* repression induced by consumption of bifidobacterial cellfree whey. *Anaerobe*, 5, 505-508,1999.
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- 48) Bezirtzoglou E., Kostandi M., Voidarou C., Kostakis D., Marselos M.: Influence of psychological stress on the fecal carriage of indicator bacteria. *Microecology and Therapy*, 28: 49-53, 1999

- 49) Drigiannakis D., Antonopoulou-Kaliouli H., Leventakou A., Drigiannakis I., Ikonomaki A., Bezirtzoglou E.: Septicaemia from *Streptococcus bovis* I: Indication of carcinoma of the colon. *Microecology and Therapy*, 28, 21-23, 1999.
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Δ. CONGRESSES

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