



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)	Alexandru Filip VLADIMIRESCU	
Address(es)	National Research Institute «CANTACUZINO» 103-105 Splaiul Independentei Blvd, 050096, Bucharest, ROMANIA	
Telephone(s)	Fixed: +40213069107	Mobile: +407246170840
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E-mail	alexandruvl@yahoo.com (personal address) office@cantacuzino.ro (official address)	
Nationality	Romanian	
Date of birth	11.04.1970	
Gender	Male	

Work experience	
Dates	July 2016 - to present day
Occupation or position held	General Manager
Main activities and responsibilities	General Manager
Name and address of employer	NRI CANTACUZINO
Type of business or sector	Research & Vaccine Production & National Reference Centers for Human Diseases
Dates	September 2016 – July 2016
Occupation or position held	Senior Researcher (SR I)
Main activities and responsibilities	Research coordinator
Name and address of employer	Military Medical Research Center (CCSMM)
Type of business or sector	Research, National Defense & Security
Dates	April 2015 - September 2015
Occupation or position held	Scientific Director
Main activities and responsibilities	Research Management
Name and address of employer	National Research Institute "CANTACUZINO"
Type of business or sector	Health/Research/Education
Dates	From 26.05.2015 -03.06.2015 and 27.07.2015-04.08.2015
Occupation or position held	General Manager
Main activities and responsibilities	General Manager
Name and address of employer	National Research Institute "CANTACUZINO"
Type of business or sector	Health/Research/Education
Dates	From 2010 to 2015
Occupation or position held	Principal Biologist, Scientific Researcher I, Head of Department-deputy
Main activities and responsibilities	Activities in diagnostic and research and development in the Vector-borne Infections and Medical Entomology field (in particular in tick-borne pathogens) by molecular biology techniques
Name and address of employer	National Institute of Research-Development for Microbiology and Immunology "Cantacuzino"
Type of business or sector	Health/Research
Dates	From 2004 to 2010
Occupation or position held	Principal Biologist, Scientific Researcher II
Main activities and responsibilities	Activities in diagnostic and research and development in the Vector-borne Infections and Medical Entomology field (in particular in tick-borne pathogens) by molecular biology techniques
Name and address of employer	National Institute of Research-Development for Microbiology and Immunology "Cantacuzino"
Type of business or sector	Health/Research
Dates	From 1999 to 2004

Occupation or position held	Specialist Biologist
Main activities and responsibilities	Activities in diagnostic and research and development in the Vector-borne Infections and Medical Entomology field (in particular in arboviruses – West Nile virus) by molecular biology techniques
Name and address of employer	National Institute of Research-Development for Microbiology and Immunology "Cantacuzino"
Type of business or sector	Health/Research
Dates	From 1996 to 1999
Occupation or position held	Biologist
Main activities and responsibilities	Activities in diagnostic and research and development in the Medical Entomology field (in particular in mosquito genetics) by molecular biology techniques
Name and address of employer	National Institute of Research-Development for Microbiology and Immunology "Cantacuzino"
Type of business or sector	Health/Research
Dates	From 1995 to 1996
Occupation or position held	Junior Biologist
Main activities and responsibilities	Activities in diagnostic and research and development in the Medical Entomology field (in particular in mosquito genetics) by molecular biology techniques
Name and address of employer	National Institute of Research-Development for Microbiology and Immunology "Cantacuzino"
Type of business or sector	Health/Research
Dates	From 1994 to 1995
Occupation or position held	Biologist, Scientific Researcher
Main activities and responsibilities	Activities in quantification and behaviour of nucleic acids, using UV spectrophotometry
Name and address of employer	S.C. BIOTEHNOS S.A.
Type of business or sector	Research
Education and training	
Dates	From 1996 to April 2003
Title of qualification awarded	Doctor in Biology
Principal subjects/occupational skills covered	PhD Thesis: Contributions regarding cyanobacteria and green algae genome organization and their biotechnology Investigations for cyanobacteria DNA plasma; Transmission Electron Microscopy and molecular studies regarding a fresh-water <i>Enteromorpha (Ulva) intestinalis</i> isolate; Studies regarding the spheroplasts from cyanobacteria and the protoplasts from green algae
Name and type of organisation providing education and training	University of Bucharest, Faculty of Biology
Level in national or international classification	Graduation: <i>Magna cum laude</i>
Dates	From 1989 to 1994
Title of qualification awarded	Graduate student - Biology
Principal subjects/occupational skills covered	Graduation Thesis: The study of pTi and pRi plasmids from <i>Agrobacterium tumefaciens</i> and <i>Ag. rhizogenes</i> and their genetic transformation potential in higher plants Gene transfer, using pTi and pRi engineered plasmids, to model plants: <i>Kalanchoe daigremontiana</i> , <i>Datura innoxia</i> , <i>Nicotiana tabacum</i> ; Cultivation of <i>Agrobacterium</i> and <i>E. coli</i> bacteria; Plasmid isolation; Genetic transformation of bacteria; Biochemical analysis (opines) in transgenic plant tissue
Name and type of organisation providing education and training	"Ovidius" University of Constanta, Faculty of Natural Sciences and Agriculture

Level in national or international classification

Graduation mark: 10/(min. 1 – max. 10)

Personal skills and competences

Mother tongue(s)

Romanian

Other language(s)

Self-assessment

European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Independent user	C1	Independent user
B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences

- team work abilities (come from working in a large collective) and dependability;
- strong confidence (from a solid theoretical and practical knowledge);
- good communication skills (acquired at the workplace and private interpersonal relationships);
- excellent presentation skills (gained from the scientific manifestations I took part in);
- able to manage and resolve conflicts (I have to manage a team of 54 scientists and auxiliary personnel ; total employees: 401);

Organisational skills and competences

- good experience in project and team management (I managed five research projects as director or responsible and I am currently general manager)
- good decision maker, with multi tasking abilities (from the experience in conducting various research projects);
- timeline driven and proactive behaviour (gained through my work experience in research projects);
- analytical thinking and attention to details (obtained through laboratory work and as general manager);

Technical skills and competences

- Molecular Biology: DNA and RNA isolation, agarose and polyacrylamide gel electrophoresis of DNA, restriction digestion of DNA, conventional and real-time PCR (SYBR-green and TaqMan probes chemistry, qPCR), dye terminator sequencing, RLB (reverse line blotting), microarray.
- Biochemistry: UV-VIS Spectrophotometry and Fluorimetry Quantitative and Qualitative estimation of nucleic acids; SDS Gel Electrophoresis.
- Microbiology: culture analysis of bacteria, cyanobacteria and green microalgae
- Microscopy: stereomicroscope examination of medically important insects and arachnids, microscopic examination of fresh culture and stained bacteria (bright field, dark field and fluorescence optical microscopy, TEM and SEM), and seaweeds, microscopic examination of fresh culture and stained cyanobacteria, macro- and micro-algae (bright field, dark field and fluorescence optical microscopy, TEM and SEM).
- Bioinformatics: nucleotide sequence alignment (CLUSTAL, BioEdit, BLAST), restriction pattern analysis (NTSYS). Statistics for Epidemiology and Outbreak: STATA v.12
- Phycology: Identification of micro and macro-algae (including seaweeds) by classical identification keys and molecular approaches (DNA sequencing), photobioreactor (10L) and raceway pond cultivation for *Spirulina (Arthrospira) platensis*. Lab. scale cultures for micro-algae as: *Chlamydomonas*, *Scenedesmus*, *Chlorella*, *Botryococcus*, *Dunaliella* and *Spirulina (Arthrospira)*, *Synechocystis* and *Synechococcus* as cyanobacteria and *Ulva*, *Enteromorpha (actual Ulva)* and *Bryopsis* as seaweeds.

Computer skills and competences

- thorough knowledge of Microsoft Office™ applications Word™, Excel™ and Powerpoint™;
- advanced user of Microsoft Access™;
- frequent user of bioinformatics software and search engines (BioEdit, BLAST, NTSYS);

	-Statistics for Epidemiology and Outbreak: STATA v.12
Skills, certificates of Achievements for:	<ul style="list-style-type: none"> • Basic Security in the Field, certificated by UNDSS (United Nations Department of Safety and Security), 4 February, 2015. • Advanced Security in the Field, certificated by UNDSS (United Nations Department of Safety and Security), 5 February, 2015. • International Transport of Infectious Substances, certificated by ECDC and WHO ISST, February, 2015.
Other skills and competences	<ul style="list-style-type: none"> - Meteorites - Paleontology & Mineralogy - Medieval Weapons and Armours - Painting and drawing; - Interior design.

ISI Published articles :

Vladimirescu Al., G.Dumitrescu, L.Ionescu.,V.E. Moraru, M. Neculescu, S. Bicheru, D. Popescu, D.Danes, S.Baraitareanu, V.Ciulacu-Purcarea, G.Nicolescu **2016 Real Time PCR studies regarding the : Borrelia burgdorferi, Francisella tularensis, Tick Borne Encephalitis Virus (TBEv) and Crimeean Congo Hemorrhagic Fever Virus (CCHFv) occurrence in the Romanian ticks.**International Journal of Infectious Diseases, 45(1) : 193-194.

- Magdalena M., E.C. Coipan, **A.F. Vladimirescu**, L. Savu, L.M. Costache, L. Gavrila. **2012 Downregulation of hsp22 gene expression in Drosophila melanogaster from sites located near chemical plants.** Genetics and Molecular Research, 11 (1): 739-745
- Coipan E.C. & **Al.F. Vladimirescu**. **2011. Ixodes ricinus ticks (Acari: Ixodidae) - vectors for Lyme disease spirochetes in Romania.** Experimental and Applied Acarology, 54 (3): 293-300.
- Coipan E.C. & **Al.F. Vladimirescu**. **2010. First Report of Lyme disease Spirochetes in Ticks from Romania (Sibiu County).** Experimental and Applied Acarology, 52 (2): 193-197.
- Randolph S.E. – on behalf of Pedro Anda, Tatjana Avsic-Zupanc, Antra Bormane, László Egyed, Emőke Ferenczi, Ana L. García-Pérez, Lise Gern, Zdenek Hubalek, Maria Kazimirova, Macej Kondrusik, Kurt Pfister, Annapaola Rizzoli, Veera Vasilenko, **Alexandru Vladimirescu**, Milda Žygutienė. **2010. Human activities predominate in determining changing incidence of tick-borne encephalitis in Europe.** Eurosurveillance, 15 (27): pii=19606.
- Nicolescu G., Y.M. Linton, **A. Vladimirescu**, T.M. Howard, R.E. Harbach. **2004. Mosquitoes of the Anopheles maculipennis group (Diptera: Culicidae) in Romania, with the discovery and formal recognition of a new species based on molecular and morphological evidence.** Bulletin of Entomological Research, 94 (6): 525-535.
- Ceianu C.S., A. Ungureanu, G. Nicolescu, C. Cernescu, L. Nițescu, G. Tardei, A. Petrescu, D. Pițigoi, D. Martin, V. Ciulacu-Purcărea, **A. Vladimirescu**, H.M. Savage. **2001. West Nile virus surveillance in Romania: 1997-2000.** Viral Immunology, 14 (3): 251-262.
- Savage H.M., C. Ceianu, G. Nicolescu, N. Karabatsos, R. Lanciotti, **A. Vladimirescu**, L. Laiv, A. Ungureanu, C. Romanca, T.F. Tsai. **1999. Entomologic and avian investigations of an epidemic of West Nile fever in Romania in 1996, with serologic and molecular characterization of a virus isolate from mosquitoes.** American Journal of Tropical Medicine and Higiene, 61 (4): 600-611.
- **Vladimirescu Al.** 2010. Isolation of permeaplasts and sphaeroplasts from *Spirulina platensis*. Romanian Biotechnological Letters, 15 (3): 5361-5368.
- **Vladimirescu Al.** and Z. Romanowska–Duda. 2003. Polyethylene glycol (PEG) – induced uptake of bacterial cells into *Chlamydomonas reinhardtii* CW10 protoplasts –a fluorescent study. Biologia Bratislava 58 (4): 633-635.
- Ionescu Al., **Al.Vladimirescu**, D.Stanca. 1994. The growth of some green algae (*Scenedesmus*, *Chlorella*, *Botryococcus*, *Ulva*) - physiology & biochemistry. Biologia Bratislava, 49 (4): 605-610.
- **Vladimirescu Al.**, Irina Rebedea, L.Gavrila. 1999. Green Fluorescent Protein-a Possible Universal Marker. Romanian Biotechnological Letters, 4 (3): 181-187.

Abstracts and Presentations Phycology :

- **Vladimirescu Al.** 2012.The coenocytic algae: a biotechnological approach pp.52 In Book of Abstracts Youn Symposium June 14-16 Wageningen, the Netherlands.
- **Vladimirescu Al.** 2008. Can we rebuild a cell? *Bryopsis* – an experimental model! pp. 817. In: S. Bullock, J. N Bedau (eds.), Proceedings of the Eleventh International Conference on Artificial Life, MIT Press, Cambridge, N

Vladimirescu Al., 2007, *Optical microscopy, TEM and molecular investigations on freshwater Enteromorpha in Romania.* Fourth European Phycological Congress, Oviedo, Spain, Book of Abstracts: 149

- **Vladimirescu Al.** 2007. Algal protoplast manipulations in Romania: Optical and TEM investigations *Synechocystis* PCC 6803 Spheroplasts and *Bryopsis plumosa*, *Chlamydomonas reinhardtii* and *Dunaliella salina* Protoplasts. pp. 194-195. In: Program and Abstracts of the XIXth International Seaweed Symposium, Kc
- Romanowska-Duda Z., M. Tarczynska, **Al. Vladimirescu**. 2002. The effects of the cyanobacterial toxin n phosphatases activity of green algae (*Chlorella* sp.). Section: Physiology and Ecology, pp. 77. In: Frantisek H of the International Symposium "Biology and Taxonomy of Green Algae IV", Smolenice, Slovakia.
- Romanowska-Duda Z., **Al. Vladimirescu**, M. Tarczynska. 2002. Effect of ABA and Cumarin of Inhibiting the B Macrophyte Spiroidela. pp. 242. In: Kalliopi A. Roubelakis-Angelakis (ed.), Book of Abstracts of the 13th (European Societies of Plant Physiology, Heraklion, Crete.
- **Vladimirescu Al.**, L. Gavrila, G. M. Preston. 2002. Molecular investigations on freshwater *Enteromorpha intestinalis*. Section: "Symposium Opening", pp. 89. In: Frantisek Hindak (ed.), Book of Abstracts of the International Symposium "Biology and Taxonomy of Green Algae IV", Smolenice, Slovakia.

- **Vladimirescu Al.**, Z. Romanowska–Duda. 2002. Polyethylene glycol (PEG) – induced uptake of bacterial cells into *Chlamydomonas reinhardtii* CW10 protoplasts – a fluorescent study. Section "Genetics & Molecular Biology" pp. 89. In: Frantisek Hindak (ed.), Book of Abstracts of the International Symposium

- **Vladimirescu Al.**, I. Rebedea-Radu, L. Gavrilă. 2002. Investigatii moleculare asupra cistronului 18-28S ARNr la doua forme dulcicole de *Enteromorpha* [Molecular investigations on the 18-28S rRNA sequences from two fresh-water *Enteromorpha* isolates]. Revista de Cercetari de Genetica Vegetala si Animala, 7: 351-359. ISSN 1224-0486
 - Gavrilă L., **Al. Vladimirescu**, M. D. Ionescu, V. R. Gavrilă, L. B. Gavrilă, I. Rebedea, D. M. Timus. 1999. A Particular Structure Associated to The Nucleoid of Cyanobacteria. Romanian Archives of Microbiology and Immunology, 58 (1): 37-47.
- Vladimirescu Al.** 1993. The Possibility to use The Algal Genetic Engineering in The Aquatic Ecosystems. In: Proceedings of ILEC-UNEP International Training Course-Tihany-Hungary. pp. 231-233. Ed. ILEC-Foundation Japan

Abstracts and Presentations Medical entomology & Acarology :

-**Alexandru Vladimirescu**, Gabriela Nicolescu, Elena Claudia Coipan, Valeria Ciulacu-Purcarea, Simona Bicheru, Lucia Ionescu, Yvonne Marie Linton, Ralph Harbach „*Anopheles daciae- a new Culicidae species identified on molecular basis*” Annual Zoological Congress of „Grigore Antipa” Museum, 21-23 November, Bucharest, Book of Abstracts ISBN 978-606-92462-7-6, pag.64

-Gabriela Nicolescu, **Alexandru Vladimirescu**, Valeria Purcarea –Ciulacu „*Invasive mosquito species – potential risk for Romania*” Annual Zoological Congress of „Grigore Antipa” Museum, 21-23 November, Bucharest, Book of Abstracts ISBN 978-606-92462-7-6, pag.100

-Gabriela Nicolescu, **Alexandru Vladimirescu**, Valeria Purcarea – Ciulacu „*Potential Anopheles malaria vectors in Romania*” Zoological Congress of „Grigore Antipa” Museum, 21-23 November, Bucharest, Book of Abstracts ISBN 978-606-92462-7-6, pag.108

-Coipan E.C., **A. Vladimirescu**, P. de Mendonça. 2010. **Molecular investigations on Romanian ticks during the EDEN project**. International Conference EDEN 2010, Emerging Vector-borne Diseases in a Changing European Environment, 10-12 May 2010, Montpellier, France. Book of Abstracts, pp. 104.

- Nicolescu G., **A. Vladimirescu**, V. Purcărea-Ciulacu, E. Fălcută, L. Prioteasa, E.C. Coipan, C. Boroneanț. A. I. Petrișor, A. Alexse, O. Ciolpan. 2010. **Evaluation of the risk of malaria re-emergence in Romania**. International Conference EDEN 2010, Emerging Vector-borne Diseases in a Changing European Environment, 10-12 May 2010, Montpellier, France. Book of Abstracts, pp. 40-41.

-Nicolescu G., **A. Vladimirescu**, V. Purcărea-Ciulacu, L. Prioteasa, E. Fălcută, E.C. Coipan, C. Boroneanț. A. I. Petrișor, G. Dumitrescu, D. Popescu, L. Ionescu, S. Bicheru, A. Alexse. 2010. **West Nile virus circulation in Romania – the past and the present**. International Conference EDEN 2010, Emerging Vector-borne Diseases in a Changing European Environment, 10-12 May 2010, Montpellier, France. Book of Abstracts, pp. 54.

-Coipan Elena Claudia and **Alexandru Filip Vladimirescu**. 2009. **First report of *Borrelia burgdorferi* sensu lato in ticks from Romania (Sibiu County)**. pp. 173. In: Caglar S. S., Alten B., Ozer N. [eds.], Proceedings of the 5th International Congress of Vector Ecology. ISBN: 975-97294-0-8.

-Nicolescu G., Purcărea-Ciulacu V., Prioteasa L., **Vladimirescu A.**, Fălcută Elena, Coipan E.C., Dumitrescu G., Popescu D., Ionescu L., Bicheru S., Kiss J.B., Marinov M. and Alexse A. 2009. **West Nile virus in Romania**. EDEN Annual Meeting 12 – 16 January 2009, Marrakech, Morocco.

-Nicolescu G., **A. Vladimirescu**, V. Purcărea-Ciulacu, Fălcută Elena, L. Prioteasa, E.C. Coipan, A. Alexse, O. Ciolpan. 2009. **Evaluation of the risk of malaria re-emergence in Romania**. The 5th MIM Pan-African Malaria Conference, 2-6 November 2009, Nairobi, Kenya

- **Vladimirescu Alexandru Filip** and Elena Claudia Coipan. 2009. **Geographical distribution of ticks (Acari: Ixodidae) in Romania – an update**. pp. 160-161. In: Caglar S. S., Alten B., Ozer N. [eds.], Proceedings of the 5th International Congress of Vector Ecology. ISBN: 975-97294-0-8.

- Ciolpan Octavian, Gabriela Nicolescu, Elena Fălcută, Liviu F. Prioteasa, Elena C. Coipan and **Alexandru F. Vladimirescu**. 2009. **Some considerations on adult mosquito populations in Comana forest (Romania)**. pp. 193. In: Caglar S. S., Alten B., Ozer N. [eds.], Proceedings of the 5th International Congress of Vector Ecology. ISBN: 975-97294-0-8

- Coipan, E. C., Alexse, A., **Vladimirescu, A. F.**, Nicolescu, G. 2008. **Seropositivity among Human Subjects for Both TBEV and *Borrelia burgdorferi* s.l. During a TBE Outbreak in Sibiu County, Romania**. International Journal of Infectious Diseases, 12 (Supplement 1): E334. ISI Web of Knowledge® Thomson Reuters IF 2.210

-Coipan E.C., **Vladimirescu Al.F.**, Matei A. 2008. **Current situation of sericulture in Romania**. Proceedings of the 23rd International Congress of Entomology, 6-12 July 2008, Durban, South Africa.

-Coipan E.C., **Vladimirescu Al.F.**, Nicolescu A.M., Motoc R.M., Ghețea L.G. 2008. **Analysis of the expression levels of some important oncogenes in oropharyngeal and laryngeal primary tumors**. AACR Special Conference in Cancer Research – Chemical and Biological Aspects of Inflammation and Cancer, Ko Olina, Oahu (U.S.A.), Oct. 14-17, 2008. B40.

Books and book chapters

- **Vladimirescu Al. & E.C. Coipan. 2010. Căpușele (Acari: Ixodoidea) vectori pentru agenți patogeni [Ticks (Acari: Ixodoidea) vectors for pathogenic agents]** ISBN: 978-973-558-471-9 CIP: 595.42. Ars Docendi Publishing. 246 pp.
- **Al. Vladimirescu. 2010. Contribuții la Studiul Organizării Genomice și al Biotehnologiei Cianobacteriilor și Algei Verzi [Contributions to the study of genomic organization and biotechnology of cyanobacteria and green algae]** ISBN: 978-973-558-470-2. CIP: 57:62:582.263+582.232. Ars Docendi Publishing. 282 pp.
- **Imunogenetică și Oncogenetică. Partea a II-a. Principii de oncogenetică și oncogenomică. [Immunogenetics and Oncogenetics Second Part. Principles of oncogenetics and oncogenomics]. 2009. Coordinators: Prof. Dr. Lucian Gavrila and Prof. Dr. Aurel Ardelean. ISBN 978-973-27-1848-3 CIP: 575. Academiei Române Publishing.**
 Chapter 33: Tumorigeneza la plante [Tumorigenesis in plants]. Authors: Lucian Gavrila, Nicolai Bărbăcar, Nicolae Toma, Aurel Ardelean, Grigore Mihăescu, Irina Radu, Alexandru Filip Vladimirescu. pg. 539-541.
- **Artropodele Vectori pentru Agenți Patogeni [The Arthropods – Vectors for Pathogenic Agents]. 2008. Coordinator Conf. Dr. Octavian Ciolpan. ISBN: 978-973-558-379-8 CIP: 595.2:636. Ars Docendi Publishing.**
 Chapters: II. Vectorii. Familia Culicidae și Ord. Acarina. Metastigmata. [The Vectors. Culicidae Family and Acarina Order]. Authors: Ciolpan O., Gabriela Nicolescu, Vladimirescu Al. pg. 48-82 and Elena Claudia Coipan, Ciolpan O., Vladimirescu Al. pg. 183-227; IV. Bolile cele mai importante [The most important diseases]. Virusuri transmise de căpușe [Tick-borne viruses]. Authors: Elena Claudia Coipan, Ciolpan O., Vladimirescu Al. pg.314-316 and Bacterii transmise de căpușe [Tick-borne bacteria]. Authors: Elena Claudia Coipan, Ciolpan O., Vladimirescu Al. pg. 320-335.
- **Practicum de Entomologie [Entomology Practicum]. ISBN 978-973-558-587-7 CIP: 632.7 Ars Docendi Publishing. Coordinator Conf. Dr. Octavian Ciolpan. Ars Docendi Publishing.**
 Chapters: IV. Aplicații ale tehnicilor de genomică în studiul artropodelor [Applications of genomics techniques to arthropods' study]. Autori: Vladimirescu Al., Elena Claudia Coipan; V. Controlul populațiilor de ixodide (căpușe) [Tick populations control]. Authors: Elena Claudia Coipan, Vladimirescu Al.
- **GENOMICA – un tratat despre genom de la virusuri la om [GENOMICS – a treaty on the genome from viruses to human]. 2003. Enciclopedica Publishing. Bucharest; ISBN: 973-45-0463-0 and 973-45-0465-7. Coordinator: Prof. Dr. Lucian Gavrila.**
 Chapters: XIII. Plasmide cianobacteriene [Cyanobacterial plasmids]. Authors: L.Gavrila, V.R.Gavrila, L.B.Gavrila, Al. Vladimirescu. pg. 389-397; XV. Transferul de gene la cianobacterii prin transformare, conjugare, transducție [Cyanobacterial gene transfer: transformation, conjugation, and transduction]. Authors: L. Gavrila, Al. Vladimirescu, V. R. Gavrila, L. B. Gavrila. pg. 401-405; XVII. Toxinele cianobacteriene [Cyano-toxins]. Authors: Al. Vladimirescu, L. Gavrila. pg. 415-419; XVIII. Cercetări românești asupra geneticii cianobacteriilor [Romanian research in the cyanobacteria field]. Authors: L. Gavrila, L. B. Gavrila, V. R. Gavrila, H. Maniu, Al. Vladimirescu. pg. 419-433; XIX. Date recente asupra organizării genomului cianobacterian [New data on the cyanobacterial genome]. Authors: L. Gavrila, Al. Vladimirescu, L. B. Gavrila, V. R. Gavrila. pg: 433-455; XXV. Genomul eucariotelor fotosintetizante inferioare [The genome of photosynthetic eukariota]. Authors: L. Gavrila, Al. Vladimirescu. pg: 717-727.
- **Ereditatea extranucleară [The Extranuclear Heredity]. 2000. Bucharest University Publishing. ISBN 93-575-414-2. Under coordination: N. Toma & L. Gavrila.**
 Chapters: 3.34. Genomul mitocondrial la alge [Algae Mitochondrial Genome]. Author: Al. Vladimirescu. pg. 157-165; 4.3. Genomul plastidial la alge [Algae Plastidial Genome]. Author: Al. Vladimirescu. pg. 271-284.

Training & Fellowships

- **International Course on Limnological Bases of Lake Management.** 1993, 11-23 Oct. Balaton Tihany, Hungary. ILEC-UNEP and Hungarian Acad. of Sciences.
- **Practical Course on Plant Transformation.** 1996, 4-15 Nov. New Delhi, India. International Center for Genetic Engineering and Biotechnology -ICGEB New Delhi.
- **Application of PCR in Epidemiology.** 1997, 17-22 Jan. Bucharest, Romania. Cantacuzino Institute & Pasteur Institute France.
- **Cours de Formation Post -Universitaire dans le Domaine des Sciences de la Vie-Discipline de Microbiologie.** 1999, 8-10 Nov. Bucharest, Romania. L'Ambassade de France en Roumanie, Ministère Français Des Affaires Etrangères, Ministère Roumain De La Santé, Univ.Paris-Sud-UPS, Université de Bucharest.
- **Fellowship in The Plant Department,** University of Oxford, U.K. 2001, 1-31 Oct. Oxford, U.K. St. John's College, Oxford. Offered by the Oxford Colleges Hospitality Scheme and the Soros Foundation.
- **Fellowship in The Natural History Museum (NHM),** London, U.K. 2003, 29 Jun-26 Jul. London, U.K. N.H.M. grant.
- **Real -Time PCR Practical Course.** 2006, 4-8 April. Munich, Germany. EDEN grant.
- **Real-Time PCR Practical Course.** 2005, 1-3 December. Toulouse, France. Cepheid Europe.
- **Stratagene University.** 2007, 3-7 November. San Diego, USA. STRATAGENE-AGILENT.
- **Reverse Line Blotting (RLB).** 2008, 7-14 December. Neuchatel, Switzerland. EDEN grant.
- **Stratagenes Bioreagents Curriculum.** 2008, 27 October, Waldbronn, Germany. Agilent Technologies.
- **IDO Genomics Technical and Sales Training.** 2009, 23-24 March, Waldbronn, Germany. Agilent Technologies.
- **EPIET/EUPHEM Introductory Course.** 2014, 29 September-17 October, Spetses, Greece
- **Outbreak Module (From Data Analysis to Communication of Findings).** 2014, 8-12th December, Course organized by PAE German FETP and EPIET/EUPHEM, Robert Koch Institute, Berlin, Germany.
- **Biorisk & Quality Management.** 2015, 16-20th February, Course organized by ECDC and WHO, Stockholm, Sweden
- **Initial Management in Public Health Microbiology.** 2015, 9-13th February, Course organized by ECDC, Stockholm, Sweden.
- **The Pertussis Acellular Vaccine.** 2015, 29-30th January Symposium Organized by NIRDMI „Cantacuzino” and RSM (Romanian Society for Microbiology), Matei Bals Institute, Bucharest, Romania.
- **EPIET/EUPHEM Multivariable Analysis Module.** 2015, 23-27 March, Organised by Austrian Agency for Health and Food Safety (AGES), Vienna, Austria.
- **EPIET/EUPHEM Vaccinology Module.** 2015, 20-24 April, held at the Regional Institute for Public Health, Krakow, Poland.

Date: 05.01.2017

Signature

C.S.I Dr. Alexandru Filip VLADIMIRESCU