

CURRICULUM VITAE

NAME Albena Jordanova, PhD

DATE OF BIRTH July 4th, 1969

NATIONALITY Bulgarian

ADDRESS

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 &
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CURRENT AFFILIATIONS Sofia Medical University, Bulgaria
 University of Antwerp, Belgium
 VIB (Flanders Institute for Biotechnology), Belgium

CURRENT POSITIONS Associate Professor in Human Molecular Genetics, Sofia Medical University
 Full Professor in Molecular Neuroscience, University of Antwerp
 Associate Department Director, Department of Molecular Genetics, VIB
 Group Leader, Molecular Neurogenomics Group, VIB

EXPERTISE AND RESEARCH FOCUS

Human molecular genetics and genomics, molecular neuroscience, identification and characterization of genes and pathways implicated in the molecular etiology of inherited neuromuscular disorders, genetic analysis of patients from populations with high consanguinity level (e.g. European Roma/Gypsies, Turks), unravel the genetic architecture of heterogeneous neurological disorders and to perform genotype-phenotype correlations

ACADEMIC EDUCATION

<i>Year</i>	<i>Degree</i>	<i>University</i>	<i>Period</i>
2001	Medical Board Certification, Specialty in Medical Biology	Sofia Medical University, Bulgaria	1999-2001
1999	PhD in Molecular Genetics	Sofia Medical University, Bulgaria	1995-1999
1992	Master in Genetics	Sofia University St. Kliment Ochridski, Bulgaria	1990-1992
1990	Bachelor in Biochemistry	Sofia University St. Kliment Ochridski, Bulgaria	1988-1990

Academic Theses

- 1999 Ph.D. Thesis: 'Molecular characterization of Bulgarian patients with Spinal Muscular Atrophy', Supervisor: Prof. Dr. Ivo Kremensky MD PhD, Sofia Medical University, Bulgaria
- 1992 M.Sc. Thesis: 'Mutation analysis of patient with cystic fibrosis using Single Strand Conformation Polymorphism (SSCP) analysis', Supervisor: Prof. Dr. Luba Kalaydjieva MD PhD, Sofia Medical University, Bulgaria

SCIENTIFIC CARREER

Year	Position	Organization	Period
2016	Associate Departmental Director	VIB Department of Molecular Genetics	2016-
2016	Full Professor	University of Antwerp	2016-
2011	Group Leader	Molecular Neurogenomics Group, DMG, VIB	2011-
2008	A/Professor of Human Molecular Genetics	Sofia Medical University	2008-
2007	A/Professor of Molecular Neurosciences	University of Antwerp	2007-
2006	Staff Scientist	Peripheral Neuropathy & Neurogenetics, DMG, VIB	2006-2010
2006	Senior Assistant Professor	Sofia Medical University, Bulgaria	2006-2007
2005	Research Manager	Molecular Medicine Center, Sofia Medical University	2005-2007
2004	Project Leader	Peripheral Neuropathy & Neurogenetics, DMG, VIB	2004-2006
2003	Junior Assistant Professor	Sofia Medical University, Bulgaria	2003-2006
2001	Visiting Post Doctoral Researches	University of Antwerp, DMG, VIB	2001-2004
2000	Team leader neuromuscular disorders	Sofia Medical University, Bulgaria	2000-2007
1999	Post Doctoral Fellow	Sofia Medical University, Bulgaria	1999-2000
1995	PhD Student	Sofia Medical University, Bulgaria	1995-1999
1992	Research Fellow	Sofia Medical University, Bulgaria	1992-1995

PROFESSIONAL ACTIVITIES**Specializations**

- 2006 Visiting scientists at the The Scripps Research Institute, Skaggs Institute for Chemical Biology, Paul Schimmel lab, San Diego, CA, USA
- 1997 Three months specializations at the Institute of Human Genetics, Hanover Medical School, Manhred Stuhmann lab, Hannover, Germany

International courses

- 01.07-19.07.2012 CSHL Course “*Drosophila* Neurobiology: Genes, Circuits & Behavior”, Cold Spring Harbor, NY, USA
- 29.06-08.07.2003 FEBS/IBRO Summer School “Peripheral Nervous System: from biology to disease”, Ofir, Portugal
- 22.09-28.09.2001 3rd International Course “Genetic Counselling in Practice”, Sestri Levante, Italy
- 01.07-14.07.1999 Second Summer School of Myology, Association Francaise les Myopathies (AFM), Paris, France
- 01.09-15.09.1998 Summer School of Molecular and Cell Biology “Molecular Mechanisms of Bacterial Infections”, Spetsai, Greece
- 01.06-15.06.1994 Advanced EMBL Course “DNA Sequencing and Microinjection in Practice”, Prague, Czech Republic
- 01.09-15.09.1993 International FEBS Summer School of Molecular and Cell Biology “Protein structure, function and design”, Spetsai, Greece

Past Professional Activities

- 2007 National Contact Point of the EU-FP7-Health program, Ministry of Education and Science, Bulgaria, 2007-2013

SCIENTIFIC RECOGNITION**Prizes and Awards**

- 2005 “Women in Science” Award of the Ministry of Education and Science, Bulgaria
- 2001 Postdoctoral Award for Research Excellence, Sofia Medical University, Bulgaria
- 1993 Scientific Prize for Young Scientists, 26th Annual Meeting of the European Society of Human Genetics, Paris, France

INTERNATIONAL SOCIETY MEMBERSHIPS**Current Memberships**

- 2014 European Brain Council
- 2013 Bulgarian Society of Neuromuscular Disorders (founder and board member)
- 2008 The Society for Neuroscience

- 2008 American Society of Human Genetics
- 2008 Belgian Society of Human Genetics
- 2000 European Charcot-Marie-Tooth Consortium
- 1995 Bulgarian Neurofibromatosis Association
- 1992 European Society of Human Genetics
- 1992 Bulgarian Biochemistry Society
- 1992 Bulgarian Association of Neuromuscular Disorders (founder and board member)

REVIEWER

Reviewer journals: Nature, American Journal of Human Genetics, Brain, Human Molecular Genetics, Human Mutation, Neurogenetics, Orphanet Journal of Rare Diseases, Movement Disorders

Reviewer granting organizations: Fund for Scientific Research-Flanders (FWO-Flanders), Belgium; Medical Research Council (MRC), UK; Biotechnology and Biological Sciences Research Council (BBSRC), UK; National Science Fund, Ministry of Education and Science, Bulgaria; Science and Technology Center of Ukraine; Alzheimer plan, French Ministry of Science; French Association for Neuromuscular Disorders (AFM), France; Foundation for Rare Disorders, France

JOURNAL EDITOR/EDITORIAL BOARD

Current Editorial Board Memberships

- 2014 Thürksh Journal of Neurology

SCIENTIFIC ACTIVITIES IN ORGANIZATIONS

Current International Activities

- 2015 **Member of the Scientific Advisory Board**, Interdisciplinary doctoral program in neuroscience at the University of Koln, Germany.

Past International Activities

- 2015 **Ambassador of the European Brain Council** – Year of the Brain, 2014-2015
- 2010 **Member of the Evaluation Panel for International Cooperation grants** – European Commission, EU-FP7-Health program, Brussels, Belgium, 2010
- 2010 **Member of the Expert Panel for Neuromuscular Disorders of the European Brain Council (EBC)** for the project “Cost of disorders of the brain in Europe 2010”

Current National Activities

- 2010 **Member of the Expert Panel** for prevention of inherited disorders in the Gypsy community at Kind & Gezin, Brussels, Belgium

Current Activities - University of Antwerp

- 2016 **Reserve Member of the University of Antwerp Research Council** (UA Onderzoeksraad), 2016-
- 2007 **Effective Member of the Departmental Council**, Department of Biomedical Sciences, University of Antwerp, 2007-
- 2008 **Effective Member of the Educational Committee Biochemistry**, 2008-
- 2008 **Effective Member of the Examination Committee for Master in Biochemistry and Biotechnology**, 2008-
- 2008 **Effective Member of the Evaluation Committee**, Faculty of Pharmaceutical, Biomedical and Veterinary Sciences, 2008-

Current Activities – Medical University of Sofia

- 2008 **Effective Member of the Academic Council**, 2008-
- 2008 **Effective Member of the Departmental Council**, Department of Medical Chemistry and Biochemistry, 2008-

ORGANIZATIONAL ACTIVITIES IN SCIENTIFIC CONFERENCES

International

- 2015 **Chair** of session 10: Genetics of inherited neuropathies, PNS & CMT meeting, Quebec, Canada, June 28 - July 2, 2015

- 2013 **Chair** of session 6: Pathomechanisms of CMT, Fifth European and North American Charcot-Marie-Tooth Consortium Meeting, Antwerpen, Belgium, June 25-27, 2013
- 2009 **Chair** of session 7 – Pathomechanisms of GDAP1, YARS and GARS mutations, Third International Charcot-Marie-Tooth Consortium Meeting, Antwerp, Belgium, July 9-11, 2009
- 2009 **Organizer** - Symposium “After the finalization of the human genome project – where to go next?”, Bulgarian Academy of Sciences, Sofia, Bulgaria, October 1, 2009
- 2008 **Organizer & Chair** - 38th Annual General Meeting of the European Alliance of Muscular Dystrophy Associations (EAMDA), Sofia, Bulgaria, September 11-14, 2008

National

- 2015 **Organizer & Chair** - “Revolutionizing Next Generation Sequencing-Tools and Technologies”, Leuven, Belgium, January 15-16, 2015

INVITED PRESENTATIONS AT SCIENTIFIC CONFERENCES*19 International**8 National***SOCIETAL ACTIVITIES****National**

- 2014 **Collaborator** - De Dag van de Wetenschap: ‘De zoektocht naar de oorzaken van zenuwziekten’, MAS, Antwerpen, November 23, 2014

INVITED PRESENTATIONS AT SOCIETAL CONFERENCES**International**

- 2008 **Panelist**, Annual Meeting of the European Alliance of Neuromuscular Disorders, 01/09/2008, Sofia, Bulgaria

National

- 2015 **Key note lecturer**, Belgium Association of Neuromuscular Disorders and Rottary Club Marshe-de-Fammenes, Marche-Des-Fammenes, Belgium, 01/10/2015

EDUCATIONAL ACTIVITIES**PHD EXAMINER***3 International Ph.D. Examiner**12 National Ph.D. Examiner***SUPERVISOR PhD STUDENTS***2 Graduated PhD Students at the Sofia Medical University, Bulgaria**3 Graduated PhD Students at the University of Antwerp, Belgium**5 Ongoing PhD Students - University of Antwerp, Belgium**1 Ongoing PhD Students – International***SUPERVISION OF MASTER AND BACHELOR THESES / INTERNSHIPS (2011-2015)***5 Master Theses - Supervisor**2 Bachelor Theses - Supervisor***RESEARCH FUNDING** ([*List of Research Funding of Albena Jordanova*](#))*9 International Research Grants – Supervisor**3 International Research Grants – Co-Supervisor**14 National Research Grants – Supervisor**5 National Research Grants – Co-Supervisor**1 International Postdoctoral Fellowships - Supervisor**2 National Postdoctoral Fellowships – Supervisor**2 International PhD students - Supervisor*

9 National PhD Student Fellowships – Supervisor
1 National PhD Student Fellowships – Co-Supervisor

INDUSTRIAL INNOVATION

Patents

- 2013 European Patent Application EP 13160894.5: ‘Diagnostic tests for the detection of Spinal Muscular Atrophy’, Date of Filing: 25.03.2013. Applicant: VIB, Inventors: Albena Jordanova, Ivan Litvinenko, Ivailo Tournev, Kristien Peeters
- 2012 US Patent Application *US 61/586,514*: “Diagnostic tests for the detection of inherited peripheral neuropathies”, Date of filing: 13.01.2012. Applicant: VIB, Inventors: Albena Jordanova, Peter De Jonghe, Magdalena Zimon, Jonathan Baets
- 2005 European Patent Application *EP05109485.2*: ‘Diagnostic tests for the detection of Dominant Intermediate Charcot-Marie-Tooth neuropathy’, Date of Filing: 12.10.2005, Applicant: VIB, Inventors: Albena Jordanova, Vincent Timmerman, Peter De Jonghe

PUBLICATIONS [All PubMed Publications of Albena Jordanova](#)

<i>Publications in International Journals with Impact Factor</i>	99
<i>National Publications</i>	12
<i>Citations without autocitation, Scopus, period 2011-2015, date 16.01.2017</i>	457
<i>Participations in scientific conferences: Abstracts</i>	over 50
<i>h index= 30</i>	

BOOKS:

International Book Chapters

1. Thomas,F., Guergueltcheva,V., De Assis Aquino Gondim,F., **Jordanova,A.**: Charcot-Marie-Tooth diseases. In: Neuromuscular disorders in clinical practice Edited by Bashar Katirji, Henry J, Kaminski, Robert L. Ruff (Springer): (2013)
2. De Jonghe,P., **Jordanova,A.**: Charcot-Marie-Tooth Neuropathy type 2E/1F. In: GeneReviews (Internet) Edited by Pagon RA, Bird TC, Dolan CR, Stephens K (Seattle (WA): University of Washington, Seattle 1993-2001): (2004)
3. **Jordanova,A.**, Kremensky,I.: Medical Genetics in Clinical Praxis. In: a Guide for Medical Students and Clinicians Edited by Prof. D. Toncheva (CIELA): (1999)