

Assoc. Prof. Dr. Karel Volenec, PhD.

Curriculum Vitae

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Professional background

ELLA-CS, s.r.o.

(till 2007 – Dr. Karel Volenec – ELLA-CS company)

Period	1992 to present
Job position or performed functions	Since 2020 Executive Head of Company, CEO 2016 – 2020 Executive Head of Company, Head of Research and Development Department 2007 – 2016 Executive Head of Company, Director of the company 1992 – 2007 Executive Head of Company Dr. Karel Volenec – ELLA-CS
Main work activity and area of responsibility	Company management, Project management, Team management Research tasks, educational activities in the medical devices field
Type of business or sector	Development, production and worldwide sales of special medical devices – implants.

Schering – Plough, USA

Period	1992 – 1994
Job position or performed functions	Internal assistant of the company in the area of biotechnologies
Main work activity and area of responsibility	Coordination of post-marketing clinical trials with interferon alfa-2b, head of clinical group
Type of business or sector	Biotechnology

Faculty of Medicine, Charles University, Hradec Králové

Period	1976 to present
Job position or performed functions	1990 to present External worker in solving scientific tasks / External teaching at the department of biophysics 1976 – 1990 Main solver of development assignments VP and V-4 Number of defended research reports: 9

Main work activity and area of responsibility	<i>Pedagogical and scientific research experience Project management, team management, PVS and diplomats management External teaching at UCT, Prague</i>
Type of business or sector	<i>Education, scientific research</i>

Education, specialized training

Period	1999
Highest achieved qualification	<i>1. Associate professor 2. Senior research worker 2a, ČSAV</i>
Main subjects/ Professional experience	<i>Biophysics, radiobiology</i>
Name and type of organization providing the education	<i>Jan Evangelista Purkyně Military Medical Academy (VLA JEP), Hradec Králové (1970 to 1975: Charles University, Faculty of Pharmacy in Hradec Králové (FaF UK, Hradec Králové) 1975 to 1981: RNDr. - Charles University, Faculty of Pharmacy in Hradec Králové (FaF UK Hradec Králové) Jan Evangelista Purkyně Military Medical Academy (VLVDÚ JEP)/ Faculty of Medicine in Hradec Králové (LFUK Hradec Králové): Ph.D.)</i>
Period	1981
Achieved qualification	<i>Ph.D. studies of Biological Sciences in the field of biophysics, Ph.D.</i>
Main subjects/ Professional experience	<i>Biophysics</i>
Name and type of organization providing the education	<i>Jan Evangelista Purkyně Military Medical Academy (VLVDÚ JEP), Hradec Králové</i>
Period	1975
Achieved qualification	<i>Faculty of Pharmacy of Charles University graduate Master of Pharmacy (PhMr.), achieved with honors Doctor of Natural Science (RNDr.)</i>
Main subjects/ Professional experience	<i>Pharmacology</i>
Name and type of organization providing the education	<i>Faculty of Pharmacy, Charles University, Hradec Králové, Charles University Prague</i>

Other experience, knowledge, skills

	<i>Degree obtained within the Czechoslovak Academy of Sciences (CSAV): Independent researcher 2a</i>
Mother tongue	<i>Czech</i>
Knowledge of English	<i>Excellent</i>
Knowledge of Russian	<i>Very good</i>

Knowledge of Italian	<i>Passive</i>
Experience with project evaluation	<i>Evaluation of Continuous and Final reports of VÚ Processing of expert opinions of diploma thesis</i>
Top awards	
	<i>Top Czech Quality 2010, NPMF, Prague WQC International Star Award, Gold category, 2011, Paris Czech Patron 2011, HK Czech Rep., Prague Czech Head 2012, MPO Czech Rep.</i>
	<i>Technology entrepreneur of the year ČR, 2012, Ernst & Young, USA The Absolute Winner of the Czech Innovation 2013 Honorable mention AVDZP, 2013, 2015, Brno Top 10 Innovation EU, European Business Awards 2014/2015, RSM, London Company of the Year 2014 in the Hradec Králové region,, Vodafone, HN, Hradec Králové Workplace Health Promotion III.st., 2017, MZd, Prague Safety Enterprise, 2014, 2015, 2016, 2018 State Office of Labor Inspection, Opava, Czech Rep. National Winner - Innovation – EU, European Business Awards 2017/2018, Warsaw Management Excellency Award, 2018, TOP100, Prague</i>
Unique developed products used in medical treatment worldwide	
	<i>Hussey-Volenec HV stent Danis stent- worldwide unique Biodegradable GIT stent – worldwide unique</i>
Publications	
Total number of scientific publications	<i>Author of 39, 29 publication of abstracts; Co-author of 68, 22 publication of abstracts</i>
Total number of scientific lectures and posters	<i>Author of 90, Co-author of 70</i>
Total number of patents and design of patents	<i>29</i>
Additional information	
Long-term internships abroad	<i>Italy, 1981; Netherlands, 1986 and 1990; Belgium, 1986; Russia, 1987; Brazil, 1998</i>
Professional Affiliations	
Memberships in Czech Scientific Societies and other Organizations	<i>Honorary membership in Czech Medical Association, Prague – since 2003 Departmental council for doctoral program Medical Biophysics, Faculty of Medicine, Charles University in Prague</i>

	<p><i>Chairman of the Council for Commercialization of Research and Development Rector of Charles University, Prague</i></p> <p><i>Member of the Club of innovative companies Czech Head</i></p> <p><i>Member of the Czechimplant cluster</i></p> <p><i>Member of the Research, Development and Innovation Council (RVVI) Hradec Králové region (KHK)</i></p> <p><i>Member of NIP RV (national innovation platform)</i></p> <p><i>Member of the Academic Council of Faculty of Life Sciences, University of Hradec Králové</i></p> <p><i>Member of the Academic Council of Charles University, Faculty of Medicine in Hradec Králové</i></p> <p><i>Member of the Academic Council of Charles University, Faculty of Pharmacy in Hradec Králové</i></p> <p><i>Chairman of the Commission for the Commercialization of Charles University</i></p> <p><i>Member of the Commission for the Commercialization of the Czech Academy of Sciences</i></p> <p><i>Member of the Council for Commercialization FN and UHK</i></p> <p><i>Member of the advisory group to the R&D Representative of the Government Health Office of the Czech Republic</i></p>
<p>Previous Memberships in Czech Scientific Societies</p>	<p><i>Chairman of the Board of the AVDZP association,, Brno - ended 4/2019</i></p> <p><i>Member of Association of Manufacturers and Suppliers of Medical Devices board AVDZP, Brno – membership ended in 2020</i></p> <p><i>Czech organization of Radiation, Oncology, Biology and Physics ČLS JEP</i></p> <p><i>Radiobiological Society ČLS JEP – until 2009</i></p> <p><i>Czech Society of Biomedical Engineering, Czech Association of Scientific and Technical Societies (ČSVTS) – until 1992</i></p>
<p>Previous Memberships in International Scientific Societies</p>	<p><i>European Society for Radiation Biology – ESRB</i></p> <p><i>Society of Cardiovascular and Interventional Radiology – SCVIR</i></p> <p><i>The European Society for Hyperthermic Oncology - ESHO</i></p>