



## RESUME (CV)

### **Shamil D. Akhmedov, MD, PhD, Professor**

Deputy Director for Innovation and Strategic Development  
Cardiology Research Institute, Tomsk National Research Medical Center, Russian  
Academy of Sciences.

111a Kievskaya Street, Tomsk, 634012, Russia  
Phone: +7 3822 558142 (work); +7 913 820 5835 (cell)  
E-mail: shamil@cardio-tomsk.ru

#### ***Date of birth:***

December 4, 1959.

#### ***Career:***

1983: Graduation from the Tomsk State Medical Institute. Degree: Medical Doctor  
Board Certified in General Practice.

1984: Completion of the Residency Program in General Surgery (Shadrinsk, Kurgan  
Oblast).

1985–1989: Surgeon at the Cardiac Pacing and Assisted Circulation Department of the  
Research Institute for Cardiology, Siberian Branch of the Russian Academy of Medical  
Sciences (Tomsk, Russia).

1989: Junior Research Fellow at the Cardiovascular Surgery Department of the  
Research Institute for Cardiology, Siberian Branch of the Russian Academy of Medical  
Sciences (Tomsk, Russia).

1990: Senior Research Fellow at the Cardiovascular Surgery Department of the  
Research Institute for Cardiology, Siberian Branch of the Russian Academy of Medical  
Sciences (Tomsk, Russia).

1997–Present: Leading Research Fellow at the Cardiovascular Surgery Department of  
the Cardiology Research Institute, Tomsk National Research Medical Center, Russian  
Academy of Sciences (Tomsk, Russia).

2009–Present: Deputy Director for Innovation and Strategic Development of the  
Cardiology Research Institute, Tomsk National Research Medical Center, Russian  
Academy of Science.

Professor Sh. D. Akhmedov is a founder and a Head of the BRICS-Biomed International  
Consortium established in 2015. The BRICS-Biomed united the leading scientists from  
five countries working at the government-supported large universities and clinics in the  
prospective countries. They joined the initiative of the Cardiology Research Institute and  
signed an international agreement to create the international consortium and to  
organize the technology transfer centers in the field of biomedicine (BRICS-Biomed)  
based on a private partnership among the BRICS countries.

#### ***Doctorate dissertation theses:***

1989: “Clinical course of sick sinus syndrome”: defended dissertation for a degree of  
Candidate of Medical Sciences equivalent to PhD degree.

1998: "Pacing cardiomyoplasty for treatment of patients with ischemic heart disease and dilated cardiomyopathy": defended dissertation for a degree of Doctor of Medical Sciences.

**Academic ranks:**

1993: Senior Research Fellow

2004: Professor of Cardiovascular Sciences

**Career Enhancement Programs:**

1995: Training course in cardiovascular surgery at the Pitié-Salpêtrière Hospital (Paris, France).

2000: Training course in cardiovascular surgery at the Minneapolis Heart Institute (Minneapolis, MN, USA).

2003: Supervision of medical doctor group attending the training course in heart transplant surgery at the Research Institute of Transplantology and Artificial Organs (Moscow, Russia)

2004: Transplant Surgery Program at the Heart and Diabetes Center of North Rhine-Westphalia (Bad Oeynhausen, Nordrhein-Westfalen, Germany).

2013: The Oxford Elite Training Programme at Said Business School University of Oxford.

**Scientific research:**

An author of over 250 publications, including two monographs, four chapters in national and international books, and one methodological guide of the Ministry of Health and Social Development of the Russian Federation.

An author of 19 patents for invention in the Russian Federation and one international patent (PCT) in the USA.

A supervisor of nine dissertations defended for a degree of Candidate of Medical Sciences.

A grant-holder of three national grants in a framework of the Federal Targeted Program. The projects are focusing on clinical studies of stem cell therapy in chronic heart failure, tissue engineering, and nanotechnologies.

Director of Nanocor Ltd., a resident of the Biomedical Cluster of the Skolkovo Innovation Centre since December, 2011.

**Clinical achievements:**

Achievements: ~2000 cardiac surgeries with cardiopulmonary bypass for treatment of ischemic heart disease.

Experience in vascular surgery, surgical treatment of heart rhythm disorders, and surgical treatment of heart valve diseases.

**Memberships:**

Active member of the European, Asian, and Russian associations of cardiac surgeons.

A member of Academic and Dissertation Counsels at Cardiology Research Institute (Tomsk, Russia).

An official science expert of Skolkovo Foundation (Moscow) since 2011.

**Awards:**

2006: Honorary Diploma in nomination of "Clinical Medicine" from the National Medicine Support Foundation established by the Presidium of the Russian Academy of Medical Sciences.

2009: Certificate of Merit from the Russian Academy of Medical Sciences, given for the lasting personal contribution to medical research and health care.

2015: Certificate of Acknowledgement of the Governor of the Tomsk Region for great contribution to the development of medical science and practical health care.

2019: Medal for the development of cardiology in the Siberian region.