



**Miglena Kirilova, Research Associate**

Institute of Mechanics,  
Bulgarian Academy of Sciences,  
Acad. G. Bonchev Str. Building 4, 1113 Sofia, Bulgaria  
Phone: (+359 2) 979 64 12; Fax: (+359 2) 870 74 98;  
E-mail: M.Kirilova@imbm.bas.bg

**Education**

- 1987 - Post graduated specialization;  
Thesis: "Numerical analysis of nonsteady blood flow in human aorta", Bulgarian Academy of Sciences.
- 1986 - M.Sc., Mathematics, Mathematical Faculty of the University of Sofia, Bulgaria.

**Professional activities**

- 1990 - present, Research Associate, Department of Biomechanics of Tissues and Systems, Institute of Mechanics, Bulgarian Academy of Sciences, Sofia.
- 1988 - 1989, Mathematician, Institute of Mechanics and Biomechanics, Bulgarian Academy of Sciences, Sofia.

**Fields**

- Mechanical properties of soft human tissues;
- Cardiovascular Biomechanics;
- Blood flow in arteries;
- Growth and remodeling;
- Tissue engineered vascular grafts.

**Professional membership**

- Member of the Bulgarian Society of Biomechanics
- Member of the Executive Body of the Bulgarian Society of Biorheology
- Member of the Union of Bulgarian Mathematicians
- Member of the Union of Bulgarian Scientists

