



Biophysical Journal Selects Four Poster Award Winners at the “Significance of Knotted Structures for Function of Proteins and Nucleic Acids” Meeting

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Rockville, MD—The 9000-member Biophysical Society is pleased to announce winners of the *Biophysical Journal* Outstanding Poster Awards given at the “Significance of Knotted Structures for Function of Proteins and Nucleic Acids” thematic meeting on September 21. The focus of the meeting was on using physical principles to understand how nature controls tangling and untangling in both proteins and nucleic acids, with emphasis on understanding the consequences for function of those biomolecules. The meeting was organized by the Biophysical Society and the Polish Biophysical Society and hosted by the University of Warsaw. Three students and one postdoctoral fellow were selected for their outstanding poster presentations.

The student winners are:

Aleksandre Japaridze, EPFL, Lausanne, Switzerland, for his poster *Atomic Force Microscopy Study of DNA Knots in Confined Geometry*;

Nicole Lim, University of Cambridge, United Kingdom, for her poster *Mechanistic Insights into the Folding of Trefoil-knotted Proteins*; and

Calin Plesa, Delft University of Technology, Netherlands, for his poster *Study of DNA Knots with Solid-State Nanopores*.

The postdoctoral winner is:

Szymon Niewieczarzal, University of Warsaw, Poland, for his poster *Folding Knotted Proteins in a Chaperonin Cage*.

Biophysical Journal (BJ) *is the leading international journal for original research in molecular, cellular, and systems biophysics. The journal publishes work in modern biophysics, which encompasses the study of biological structures with a focus on mechanisms at the molecular, cellular, and systems level using the concepts and methods of physics, chemistry, mathematics, engineering, and computational science.*

The Biophysical Society, founded in 1958, is a professional, scientific society established to encourage development and dissemination of knowledge in biophysics. The Society promotes growth in this expanding field through BJ, its annual meeting, and committee and outreach activities. Its 9000 members are located throughout the United States and the world, where they teach and conduct research in colleges, universities, laboratories, government agencies, and industry.