

## **Dr. Arunas Silanskas**

### **Work Address**

Vilnius University  
Life Sciences Center, Institute of Biotechnology,  
Department of protein-DNA interactions,  
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### **Present position:**

Scientist at Vilnius University, Institute of Biotechnology (Vilnius)

### **Studies:**

1996-2002 Biochemistry (Vilnius University);  
2002-2006 *PhD student* (Vilnius University and Institute of Biotechnology, with prof. Virginijus Šikšnys); doctoral thesis “Restriction endonuclease-triplex forming oligonucleotide conjugates with controllable catalytic activity” (2012).

### **Professional career:**

2002-2006 *PhD student* (Institute of Biotechnology, Vilnius, Lithuania);  
2006-2012 *Junior researcher* at the Laboratory of Protein-DNA Interactions, Institute of Biotechnology, Vilnius, Lithuania;  
2012-2019 *Researcher* at the Laboratory of Protein-DNA Interactions, Vilnius University, Institute of Biotechnology, Vilnius, Lithuania;  
2019- *Senior researcher* at the Department of Protein-DNA Interactions, Vilnius University, Institute of Biotechnology, Vilnius, Lithuania;

### **Major research interests:**

Protein-DNA interactions, protein structure and function relationship, protein engineering, bacterial virus protection mechanisms.

### **Visits**

2003 Justus-Liebig University, Giessen, Germany, laboratory of prof. Alfred Pingoud (protein denaturation studies using CD spectroscopy);  
2005 Justus-Liebig University, Giessen, Germany, laboratory of prof. Alfred Pingoud (generation of restriction endonuclease – triplex forming oligonucleotide conjugates);

### **Publications**

Number 12

### **Patent applications**

Number 1

## **List of patent applications**

1. Generation of restriction endonuclease triplex forming oligonucleotide conjugates with switchable activity. Owners: Institute of Biotechnology. Inventors: Virginijus Siksnys, Mindaugas Zaremba, Giedrius Sasnauskas, **Arunas Silanskas**. U.S. Provisional Patent Application Serial No. 61/522,310 (2011)