

# Tadas Andriuskevicius, PhD

## MOLECULAR BIOLOGIST

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### SUMMARY

Following the completion of my PhD and a necessary break to address health matters, I am now seeking opportunities to contribute to the advancement of life sciences outside a laboratory. My background in molecular biology and the transferable skills acquired through hands-on research experience position me well for this transition, as outlined in this resume and [my portfolio](#).

### PROFESSIONAL EXPERIENCE

#### RESEARCH ASSISTANT | The University of Edinburgh

Jan 2022 – Dec 2022

*Following the successful defence of my PhD thesis, I was hired by my supervisor to finalize the project and publish the results.*

- Conducted and coordinated ChIP-seq and time-lapse microscopy experiments that required the collaboration of multiple scientists from several groups.
- Authored and managed the manuscript through the publication process, including editor correspondence, file preparation, formatting, and revisions based on the reviewer feedback.

#### INTERN | AstraZeneca

Sep 2019 – Dec 2019

*An internship in industry focused on genetic engineering – carried out as part of the EastBio doctoral training programme.*

- Investigated the therapeutic potential of the CRISPR-Cas9 system for treating a repeat expansion disorder.
- Evaluated the efficiency of a gene editing strategy in human cells.
- Participated in internal meetings on other gene-based therapies being developed in the company.
- Assisted colleagues with molecular cloning, strain screening, and the evaluation of gene editing efficiency.

#### INTERN | Max Planck Institute for Biophysical Chemistry

Jun 2016 – Aug 2016

*A summer internship funded by the DAAD RISE Germany programme.*

- Researched the role of miRNAs in dystrophin glycoprotein complex signalling and the pathogenesis of muscular dystrophy.
- Carried out RNA extractions, Drosophila dissections, and sample preparation for microscopy.

#### INTERN | Vilnius University

May 2014 – Aug 2014

*A summer internship funded by the Research Council of Lithuania.*

- Investigated the subcellular localization of a prokaryotic Argonaute protein *in vivo*.
- Carried out bacterial strain development and fluorescent microscopy.

### EDUCATION

#### PHD, MOLECULAR AND CELL BIOLOGY | The University of Edinburgh

2017 – 2022

*Investigated the significance of Rad51 nucleoprotein filament regulation during DNA replication and repair.*

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**BSC, BIOTECHNOLOGY** | The University of Edinburgh

2013 – 2017

*Achieved a first-class honours degree with the highest overall grade average in the School of Biological Sciences.*

## ----- PUBLICATIONS -----

**SCIENTIFIC ARTICLE** Andriuskevicius *et al.* The inability to disassemble Rad51 nucleoprotein filaments leads to aberrant mitosis and cell death. *Biomedicines* 2023, 11, 1450.

**SCIENTIFIC REVIEW** Andriuskevicius *et al.* Putting together and taking apart: assembly and disassembly of the Rad51 nucleoprotein filament in DNA repair and genome stability. *Cell Stress* 2018, 2, 96-112.

## ----- AWARDS -----

**ROYAL SOCIETY OF BIOLOGY TOP STUDENT AWARD** | The University of Edinburgh 2017

*Awarded for achieving the highest overall percentage score among all undergraduate programmes in the School of Biological Sciences.*

**BIOTECHNOLOGY 4 TOP STUDENT PRIZE** | The University of Edinburgh 2017

*Awarded for achieving the highest overall percentage score in the BSc Biotechnology programme.*

**THE BUCHANAN PRIZE** | The University of Edinburgh 2016

*Awarded for excellence in an undergraduate course Molecular Genetics 3.*

## ----- CERTIFICATES -----

**GOOGLE DATA ANALYTICS CERTIFICATE** | Google + Coursera 2023

**INTRODUCTION TO QUANTITATIVE BIOLOGY** | SysMIC.ac.uk 2020

## ----- SKILLS AND EXPERTISE -----

**SCIENTIFIC SKILLS** Molecular biology techniques | Molecular cloning | Strain engineering | Strain screening using PCR | Handling of yeast and bacteria | Experiment design | Data analytics | Data visualization and presentation | Literature review | Scientific writing

**TECHNICAL SKILLS** Python | Microsoft Excel and PowerPoint | Web development

**SOFT SKILLS** Analytical thinking | Creative problem solving | Attention to detail | Time management | Project management | Teamwork

**LANGUAGES** English (fluent) | Lithuanian (native) | French (beginner)

## ----- REFEREES -----

**DR SVETA MAKOVETS** | PhD Supervisor

sveta.makovets@ed.ac.uk

*Chancellor's Fellow*

*The University of Edinburgh*

**DR PINAR AKCAKAYA** | Internship Supervisor

pinar.akcakaya@astrazeneca.com

*Senior Research Scientist*

*AstraZeneca*