
Tanya Gyuleva

Education

Masters in Molecular Biology and Genetics

Oct 2020 - Nov 2022

Università degli Studi di Pavia, Italy

Experimental Thesis: "Cell density impacts on alternative splicing programs"

Bachelor of Science (Hons) Biological Sciences

Sept 2016 - July 2020

University of Aberdeen, Scotland, UK

Experimental Thesis: "Mitogenomic Analyses of Blue Skate (*Dipturus batis*)"

Skills

Wet lab skills

- Cell culture handling: fibroblast; SW480; HEK293T.
- Hands-on molecular techniques: RNA extraction and purification; RT-PCR and qPCR; Agarose Gel Electrophoresis; SDS PAGE; Western Blot; RNA Immunoprecipitation; DNA purification.
- Microscopy (light and confocal).

Dry lab skills

- Primer Design and sequence mapping: Primer-BLAST; NCBI; Ensembl; Uniprot; ExonMine; Benchling.
 - RNA-Seq Analysis: Gene Ontology; Revigo; STRING.
 - Bioinformatic tools proficiency: R; BASH; BLAST; MiniTab; ImageJ; ImageLab; Fiji; Gencious Prime and Microsoft (PowerPoint, Word, Excel).
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Languages

Bulgarian (native); **English** (fluent) IELTS 7.5 (C1); **Italian** (basic); **French** (basic) DELF B1

Internships Experience

IGM- CNR Pavia

Nov 2020 - Oct 2022

Prof Giuseppe Biamonti

Experimental work with focus on the alternative splicing mechanism of SRSF1 gene impacted by cellular density. Work on INTERSLA project focused on developing pig animal ALS models to be used for biomarker analysis, as well as new therapeutical targets for Amyotrophic Lateral Sclerosis.

School of Biological Sciences University of Aberdeen

May 2019 - Nov 2019

Dr Catherine Jones

Laboratory work aiming to construct the mitochondrial genome of newly discovered skate species for Conservation Genetics purposes.

Extra-Curricular Activities

University of Pavia Student Ambassador

Oct 2021 - Oct 2022

Program for advising prospective and enrolled students to the University in both academic and administrative queries.

S4S Scheme Mentor

Sept 2019 - May 2020

Practicing the information learned from career mentoring program and continuing the help and support system between former and new students in biological sciences.

Career Mentoring Program

Sept 2017 - May 2018

Improvement in CV writing skills, work on application completion for future career purposes, broadened knowledge in next steps in education.

Work Experience

Shift Manager BKUK Group

Sep 2019 - May 2020

Time management time and management of people in a fast-paced environment, improved my decision making and problem solving. Running weekly Gross Product analysis, Key Performance Indicators and Staff Performance analysis of the store in key areas.

Restaurant Staff Supervisor Caspian UK Group Ltd

Jun 2018 - Sep 2019

Restaurant Staff Caspian UK Group Ltd

Feb 2017 - Jun 2018