

# Daria Bogatova

## Curriculum Vitae



+1 (857) 540 7777  
daria@bu.edu  
<https://bogatova.org>

### CURRENT RESEARCH

#### “Neurovascular Interface in Aging Zebrafish”

In this project we created our own staining protocol to investigate the regenerative abilities of Zebrafish.

### WORK EXPERIENCE

MARCH 2020 — MAY 2021 (PART-TIME)

Institute for Cell Biology and Neuroscience Molecular and Cellular Neurobiology Department. Prof. Dr. Acker-Palmer  
*Intern, Bachelor Student*

The goal of the internship is to get familiar with confocal microscopy, master various techniques and narrow down the topic of Bachelor thesis. With my advisor, Dr. Kirchmaier, we also developed a project for Master students on spinal cord injuries in Zebrafish.

JULY 2019 — MARCH 2020 (PART-TIME)

Max-Planck Institute for Brain Research

#### *Intern*

The position required advanced biological knowledge as well as computer skills to be able to analyze behavior and development of brain cells by tracing them using complex technical equipment and software.

MAY — JUNE 2018 (FULL-TIME)

Institute of Cancer Research and Preventive Medicine

#### *Intern*

Worked with Prof. Dr. Valentin Gerein doing medical history analysis and technical examinations (ECG). I also participated in daily discussions of non-trivial cases of cancer helping to develop the most beneficial treatment methods.

### REFERENCES

#### Stelios M. Smirnakis, MD. Ph. D.

POSITION Associate Professor of Neurology  
AFFILIATION Brigham and Women's Hospital  
*Harvard University*

EMAIL [smsmirnakis@bwh.harvard.edu](mailto:smsmirnakis@bwh.harvard.edu)  
PHONE +1 (781) 974 9356 (Work)

#### Prof. Dr. Amparo Acker-Palmer

POSITION Head of The Department  
AFFILIATION Department for Molecular and Cellular Neurobiology  
*J. W. Goethe University Frankfurt*

EMAIL [acker-palmer@bio.uni-frankfurt.de](mailto:acker-palmer@bio.uni-frankfurt.de)  
PHONE +49 69 798 42563 (Work)

### EDUCATION

2022–2027 (EXPECTED) **Doctor of Philosophy**  
Cell and Molecular Biology  
*Boston University*

2018–2021 **Bachelor of Science**  
Cell and Neurobiology  
*J. W. Goethe University Frankfurt*

### EQUIPMENT AND TECHNIQUES

LABORATORY In-Situ Hybridization, Immunohistochemistry,  
H&E Staining, Tissue Clearing, MERFISH,  
Cryo- and Vibratome Sectioning, qPCR  
MICROSCOPY Confocal, Two-Photon, Electron,  
Lightsheet, Mesoscope

### SOFTWARE SKILLS

BEGINNER R, UNIX shell, HTML, KNOSSOS  
INTERMEDIATE MATLAB, Python, Git, DeepLabCut,  
Microsoft Excel, Microsoft Word,  
Microsoft Power Point  
EXPERT L<sup>A</sup>T<sub>E</sub>X Fiji ImageJ, Visual Studio Code,  
Imaris, Adobe Photoshop, Adobe Illustrator

### LANGUAGES

BEGINNER French, Sign Language  
ADVANCED English (TOEFL 113/120)  
German (DAF 5/5)  
NATIVE Ukrainian, Russian

### AWARDS AND ACHIEVEMENTS

2022 **Dean's Fellowship**  
*Boston University*  
2022 **Chancellor's Fellowship**  
*UC Santa Barbara*  
2021 **Certificate of Achievement in Immuno-Oncology**  
*Harvard Medical School*  
2020 **Thoracic Oncology Certificate. Perfect Score**  
*University of Michigan. Coursera*