

Sorin Tanasa, MSc.

Strong track record in life science research, with 10 years combined experience (3 life science institutes, 3 countries, 2 life science areas). In love with translating scientific data into intuitive and data-rich representations. Through numerous activities in event planning and networking, constantly developing his communication and leadership skills to achieve maximal economic and social impact.

PROFESSIONAL EXPERIENCE

9/2014 - **PhD candidate @ Masaryk University in Brno, Czech Republic**

- Present*
- Spearheaded novel methodologies for data analysis of plant reproduction
 - Engineered R scripts for visual representation of complex behaviors in datasets.
 - Mastered the theoretical and technological know-how in molecular biology
 - Contributed to four independent research projects across two biological models (plant and human), with one peer reviewed work published.

9/2017 - **Speaker @ Brno Toastmasters**

- 6/2019
- Awarded competent communicator course for effectively delivering a broad range of speeches
 - Chaired numerous meetings.
 - As Vice-president of Membership for 2018 I grew membership by 30% and improved member retention by providing mentoring and creating clear guidelines of performance.

9/2013 - **Plant genetics researcher @ GREGOR MENDEL INSTITUTE, Vienna, Austria**

- 6/2014
- Trained in, and applied molecular biology techniques to uncovering the mysteries of plant fertility.

Neurogenetics researcher @ KU Leuven, Belgium

- Measured and imaged neuronal activity in fruit flies and larvae
- Imaged a library of human proteins using a yeast expression system and automated microscopy.

EDUCATION

6/2011 **Master of Science in Natural Resource Biotechnology** (GPA 2.1) and

6/2009 **Bachelor of Science in Food Biotechnology** (GPA 2.1) from
University Dunarea de Jos
Galati, Romania

CERTIFICATIONS

- Communicating Science to Diverse Audiences (UEA, Norwich, UK)
- Data visualization for Scientists (IMB Mainz, Germany)
- Business planning (Mashauri.com)

SOFTWARE SKILLS :

Microsoft Office, R (ggplot2), Adobe Photoshop, ZEN Black, Blue (from Zeiss), NCBI Database search, Cell profiler, Image J

PUBLICATIONS

A CENH3 mutation promotes meiotic exit and restores fertility in SMG7-deficient Arabidopsis. <https://doi.org/10.1371/journal.pgen.1009779>

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SKILLS

Phenotyping

●●●●●
Expert

Data analysis

●●●●●
Expert

Molecular biology

●●●●●
Expert

Data visualization

●●●●●
Advanced

Experimental design

●●●●●
Advanced

Graphic design

●●●●●
Advanced

Effective presenting

●●●●●
Advanced

Attention to detail

●●●●●
Expert

Coaching

●●●●●
Intermediate

LANGUAGES

English

●●●●●
Native level

Romanian

●●●●●
Native

Spanish

●●●●●
Conversational