

## CV – Juha Kurkela

- Full name:** Kurkela Juha Henri Mikael
- Date of birth:** June 11, 1990
- Contact info:** [jhmkur@utu.fi](mailto:jhmkur@utu.fi)  
+358443315330
- Current post:** **Postdoctoral researcher**, University of Turku 1.10.2020-  
Major subject: Biosciences, Molecular Plant Biology  
Current subject: Bioproduction in cyanobacteria
- Education:** **Doctor of Philosophy**, University of Turku 2020  
Major subject: Biosciences, Molecular Plant Biology  
Doctoral dissertation: The biological role of omega subunit of cyanobacterial RNA polymerase
- Master of Science**, University of Turku, 2015  
Major subject: Molecular Plant Biology  
Thesis: Acclimation to high CO<sub>2</sub> in cyanobacteria
- Bachelor of Science**, University of Turku, 2013  
Major subject: Physiology and Genetics  
Thesis: Carotenoids in cyanobacteria
- Scientific skills:** Immunoblotting techniques  
Cell cultivation techniques  
Isolation of biomolecules  
Biophysical measurements  
Bioinformatics  
Gene transformation techniques  
PCR and qPCR protocols  
Protein interaction analysis
- Previous posts:** Doctoral student, University of Turku,  
1.6.2015-1.10.2020  
Project researcher, University of Turku,  
1.5.2015-1.6.2015  
Research assistant, University of Turku,  
28.5.2012-7.9.2012, 1.10.2012-31.12.2012 (part time),  
3.6.2013-1.8.2013, 1.8.2013-31.11.2013 (part time),  
1.6.2014-31.8.2014, 1.11.2014-31.12.2014 (part time),  
1.1.2015-30.4.2015

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- Presentations:**
- 7.9.-9.9.2020, 11th European Workshop on the Biology of Cyanobacteria, Lisbon, Portugal, online event (poster)
  - 2.9.-4.9.2020, 11<sup>th</sup> SPPS PhD student conference, Turku, Finland, online event (poster)
  - 11.9.-14.9.2018, 10<sup>th</sup> SPPS PhD student conference, Copenhagen, Denmark (poster)
  - 16.8.-18.8.2017, Nordic Plant Biology Days (27<sup>th</sup> SPPS congress), Naantali, Finland (poster)
  - 21.6.-23.6.2016, 9<sup>th</sup> SPPS PhD student conference, Oslo, Norway (poster)
  - 25.5.-26.5.2016, Finnish Plant Science Days IX, Turku, Finland 25-26.5.2016 (poster)
  - 21.6.-26.6.2015 Mechanism and Regulation of Prokaryotic Transcription, Vermont, USA (poster)
  - 7.9.-11.9.2014, 9<sup>th</sup> European Workshop on the Molecular Biology of Cyanobacteria, Texel Netherlands (oral)
- Awards:**
- The Best overall performance - Young Scientists event 2014 - Department of Biochemistry - University of Turku
  - The Best Poster Prize - 11<sup>th</sup> SPPS PhD student Conference 2020 - Turku - Finland
- Funding:**
- Grant for completing a doctoral degree, University of Turku Graduate School, Doctoral Programme in Molecular Life Sciences (3454 €), 2020
  - Grant, Finnish cultural foundation (24 000 €), 2019
  - Travel grant to Copenhagen, Turku University Foundation (500€), 2018
  - Travel grant to Copenhagen, Scandinavian Plant Physiology Society (100€), 2018
  - Travel grant to Oslo, Scandinavian Plant Physiology Society (800€), 2016
  - University of Turku Graduate School, Doctoral Programme in Molecular Life Sciences, fixed term doctoral training position (1.1.2016-30.6.2019)
  - Scholarship from TOT-foundation, Turun iltalukio (1000 €), 2014
  - Stipend from Faculty of Mathematics and Natural Sciences, University of Turku (500 €), 2013
- Nationality and current residence:**
- Finn,  
Turku, Finland
- Linguistic skills:**
- Finnish mother tongue, English C1, Swedish A1

