

1. PERSONAL DETAILS

NAME: PROKKOLA JENNI MARIA

Date of CV: 04.01.2020

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2. PERSONAL AND CONTACT INFORMATION

Year and place of birth: 1987, Kempele, Finland

Nationality: Finnish

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Tel: +358 40 7478387

Online: Website¹, ResearchGate², Google Scholar³, LinkedIn⁴, Twitter⁵

3. EDUCATION

30.5.2016	Ph.D., University of Turku, Finland	Physiology and genetics
	Dissertation: <i>Diel patterns and tissue-specificity of environmental responses in fish</i> .	
	Advisors: Prof. Mikko Nikinmaa, Dr. Erica H. Leder	
16.6.2011	M.Sc., University of Turku, Finland	Ecology
4.11.2010	B.Sc., University of Turku, Finland	Ecology

4. LANGUAGE SKILLS

Finnish: native speaker, English: fluent, Swedish: satisfactory, French: basic

5. CURRENT POSITION

1.1.2020- ongoing Postdoctoral researcher in evolutionary physiology of salmon
Organismal and Evolutionary Biology Research Programme, University of Helsinki, Finland.
Employer: Dr. Tutku Aykanat.

6. PREVIOUS EMPLOYMENT

1.1.2018 – 31.12.2019 Postdoctoral Fellow
Institute of Integrative Biology, University of Liverpool, UK. Advisors: Prof. Andrew Cossins, Dr. Michael Berenbrink. Project title: *The evolutionary significance of myoglobin in fish*. (1.9. – 31.12.2019, Research visit: Department of Biology, University of Turku, Finland. Host: Dr. Katja Anttila).

1.1. – 31.12.2017 Postdoctoral Researcher
Department of Environmental and Biological Sciences, University of Eastern Finland, Employer: Prof. Anssi Vainikka. Project title: *Evolutionary restoration of trout populations impacted by human-induced selection*.

13.9. – 12.11.2016 Postdoctoral Researcher
Department of Biology, University of Turku, Finland. Employer: Prof. Mikko Nikinmaa

1.5. – 30.8.2016 Postdoctoral Researcher
Biology Department, Bucknell University, PA, USA. Employer: Prof. Kenneth Field. Projects: *Resilience and resistance to White Nose Syndrome in North American bats*, *Survey of zoonotic viruses in South Sudanese mammals*.

1.6.2015 – 30.4.2016 Research Associate (half-time)
Biology Department, Bucknell University, PA, USA.

¹ <http://jenniprokkola.wixsite.com/mysite>

² https://www.researchgate.net/profile/Jenni_Prokkola

³ <https://scholar.google.fi/citations?user=KQ7Jm6MAAAJ&hl=fi&oi=ao>

⁴ <https://fi.linkedin.com/in/jenni-prokkola-7637825a>

⁵ https://twitter.com/jm_prokkola

1.7.2011 – 30.4.2016 Doctoral Student
Department of Biology, University of Turku, Finland

1.5. – 31.8.2010 Research Assistant
Department of Biology, University of Turku, Finland

7. PERSONAL RESEARCH FUNDING AND GRANTS

I am actively seeking funding for independent research project. I have been awarded several travel grants and small research grants, as well as a post-doctoral fellowship for two years. My proposal submitted in 2016 for a Marie Skłodowska-Curie action under the H2020 programme call was given a Seal of Excellence.

Emil Aaltonen Foundation: postdoctoral research (31500€)	2019 (awarded)
The Finnish Cultural Foundation: postdoctoral research (47000€)	2019 (received)
The Finnish Cultural Foundation: postdoctoral research (47000€)	2018 (received)
Oskar Öflund's foundation (4000 €)	2017
Company of Biologists: travel grant (350 €)	2015
Doctoral Programme of Biological Interactions: travel grant (1000 €)	2015
Finnish Concordia foundation: travel grant (1400 €)	2014
Doctoral Programme of Biological Interactions: two travel grants (1520 €)	2013
Oskar Öflund's foundation: grant for PhD studies (2000 €)	2012
Valto Takala fund: grant for Master's thesis (1000 €)	2011
Societas Entomologica Fennica: grant for Master's thesis (500 €)	2011

Role in the preparation of funding applications for a research group, 2018: Collaborator (PI: Prof. Kai Lindström, Åbo Akademi University, Finland).

8. PEDAGOGICAL EXPERIENCE

Marking honours student presentations, School of Life Sciences, University of Liverpool, 2018–2019
Demonstrator in practical work in 1st – 3rd year undergraduate courses in evolutionary biology, School of Life Sciences, University of Liverpool, 2018–2019
Pedagogical training: Educating Adults & Teaching at University, 2 ECT, University of Turku, 2012

Leadership and project management

2018–2019: Independent management of postdoctoral project

Research visits: Department of Biology, University of Turku, 1.9. – 31.12.2019
Dept. of Biomed. Sci., University of Sheffield, 17.7. – 7.8.2019
IBAHCM, University of Glasgow, 31.11.-2.12.2018

2017: Designing and executing experimental brown trout research

2016: Managing virus surveillance in mammals (\$12000), project leader Prof DeeAnn Reeder

Supervision: PhD students: Eirik Åsheim, University of Helsinki (secondary supervisor, since 09/2019), M.Sc. students: University of Turku: Gaurav Tomer, secondary supervisor (2012), Nóra Csömöri, primary supervisor (2016). **Providing hands-on training** in field research and laboratory skills for graduate and undergraduate students between 2012 and 2019.

9. OTHER PROFESSIONAL MERITS

Conference chairing and organizing:

19. – 24.8.2019, European Society for Evolutionary Biology, Turku, Finland. Volunteer. Helping with audio equipment in scientific sessions, general organising.

2. – 5.7.2019, Society for Experimental Biology Annual Meeting, Seville, Spain. Co-organising session “Fuelling the fire of life – Evolutionary physiology of oxygen supply in vertebrates”, inviting speakers, evaluating abstracts and posters, chairing. Four invited speakers, audience >50 people.

3. – 6.7.2018, Society for Experimental Biology Annual Meeting, Florence, Italy. Co-organising session “Generality of the pace-of-life syndrome concept: Is the idea of integrated syndromes supported by experimental data?”, evaluating abstracts and posters, chairing. Four invited speakers, audience >70.

12. – 17.3.2018, International Workshop for PhD Students and Post-Doctoral Fellows on Salmonid Research (NoWPaS), Kuusamo, Finland. Coordination of organizing committee, general organising, fundraising and chairing. Four invited speakers and 30 attendants (50:50 gender ratio). Funding raised: 13,900€.

Reviewer for scientific journals:

G3 – Genes, Genomes, Genetics (2019), Scientific Reports (2019), Ecology and Evolution (2019), Molecular Biology and Evolution (2018), Science of the Total Environment (2018), Aquatic Toxicology (2015–2018), Comparative Biochemistry and Physiology –Part D (2017, 2018), Molecular Ecology (2017, 2018), PLoS One (2017, 2019), Proceedings of the Royal Society of London B- Biological Sciences (2016), Acta Physiologica (2015), Journal of Comparative physiology –B (2015, 2019), Ecology (2015)

Grant evaluation: Sêr Cymru II, Wales, UK (2018)

Merits related to open science: All research data openly accessible, five open access publications, author in three pre-prints, deposited analysis codes on GitHub.

Membership in scientific societies:

Society for Experimental Biology, UK (since 2012), European Society for Evolutionary Biology (since 2012), Fisheries Society of the British Isles, UK (since 2017)

Positions of trust:

2018 – 2021 (first term) Convenor, comparative endocrinology interest group, Society for Experimental Biology, Animal Section

Administrative experience:

Involved in the PostDoc Society of the Institute of Integrative Biology at the University of Liverpool, 2019

Experience in hiring: member in two postdoctoral research associate hiring committees (Dr. Andrea Betancourt, University of Liverpool)

Applying permits for animal experiments (UK Home Office and the Finnish Animal Experiment Board).

Jan 2013 – Sep 2014, University of Turku, PhD student representative at the Department of Biology study programme work group. Involved in the development of new curricula and study programme descriptions, Master's thesis evaluation assessment and student feedback assessment.

Co-writing a Survival Guide for PhD students for the Doctoral Programme in Biology, Geography and Geology at the University of Turku.

10. IMPACT OF RESEARCH

Number of first-authored publications: 7 (1 pre-print⁶), total number of citations (Scholar): 309

Invited presentations:

University of Glasgow, Institute of Biodiversity, Animal Health and Comparative Medicine, 1.11.2018.
Host: Dr. Shaun Killen

Oral presentations in international meetings:

Society for Experimental Biology, 3. – 6.7.2018, Florence, Italy

International Workshop for PhD Students and Post-Doctoral Fellows on Salmonid Research (NoWPaS), 13.– 17.3.2018, Oulanka, Finland

Society for Integrative and Comparative Biology, 3.–7.1.2018, San Francisco, CA, USA.

International Workshop for PhD Students and Post-Doctoral Fellows on Salmonid Research (NoWPaS), 7.– 10.3.2017, Shaftesbury, UK

Society for Experimental Biology, 30.6. – 4.7.2015, Prague, Czech Republic, 2 presentations

American Physiological Society Intersociety meeting, 5. – 8.10.2014, San Diego, California

Thermadapt Science Meeting 28.5. – 30.5.2011, Tartu, Estonia.

⁶ <https://www.biorxiv.org/content/10.1101/611293v3>

Poster presentations in international meetings:

European Society for Evolutionary Biology, 19. – 24.8.2019, Turku, Finland.
Society for Experimental Biology Annual Meeting, 2. – 5.7.2019, Seville, Spain.
Society for Integrative and Comparative Biology, 3.–7.1.2018, San Francisco, CA, USA.
Fisheries Society of the British Isles 50th Anniversary meeting, 3.–7.7.2017, Exeter, UK
Gordon research conference, Ecological and Evolutionary Genomics, 12. – 16.7.2015, Biddeford, Maine
Genome-powered Perspectives in Integrative Physiology and Evolutionary Biology, 29.6.2015, Prague, Czech Republic
American Physiological Society Intersociety meeting, 5. – 8.10.2014, San Diego, California
Society for Experimental Biology, 1. – 4.7.2014, Manchester, UK, & 3. – 6.7.2013, Valencia, Spain

Oral presentations in national meetings in Finland:

Kainuu regional brown trout seminar (Kainuun taimenseminaari, 18.1.2017)
Aura Symposium (3.4.2014, Turku)
The Doctoral Programme of Biological Interactions Annual Meeting, (13.11.2013, Lammi)

Science communication and dissemination:

Introducing 9th-grade students to animal physiology research at University of Turku during two visits, 2019
Leading a workshop on fish personalities and brown trout research during the Science day (Tieteen päivät) at the University of Eastern Finland, Sep 2017, >150 people visited.
Commentaries or interviews on scientific topics in Finnish newspapers (Kaleva 17.3.2018; Karjalainen, 2.12.2017) and magazine (Vapaa-ajan kalastaja 8.12.2017).
Research presented in Finnish magazines (Ympäristö, Turun Sanomat).
Blog post: April 15, 2016, “Effluents disturb signalling in fish tissues”.

11. REFEREES

Referees available on request.