

Curriculum Vitae

Anna Laura Erdei

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Education

Teaching in Higher Education - Swedish University of Agricultural Sciences (SLU), Ultuna, Sweden	<i>2023</i>
PhD in Environmental Sciences (summa cum laude) - Eötvös Loránd University, Budapest, Hungary	<i>2015-2021</i>
Ecometabolomics for Ecologists - German Centre for Integrative Biodiversity Research (iDiv), Leipzig, Germany	<i>2019</i>
MSc in Biology (with distinction) - Plant Biology specialisation, Eötvös Loránd University, Budapest, Hungary	<i>2012-2014</i>
BSc in Biology (with distinction) - Eötvös Loránd University, Budapest, Hungary	<i>2009-2012</i>
BSc in Psychology - Eötvös Loránd University, Budapest, Hungary	<i>2008-2010</i>

Professional Experience

Postdoctoral Researcher - Swedish University of Agricultural Sciences (SLU), Alnarp, Sweden	<i>2022-present</i>
Visiting Researcher - Swedish University of Agricultural Sciences (SLU), Alnarp, Sweden	<i>2020-2021</i>
Research Fellow - Plant Protection Institute, Hungarian Academy of Sciences, Budapest, Hungary	<i>2017-2022</i>
Phytotechnologist - Biopolus Technologies / Budapest Waterworks, Budapest, Hungary	<i>2017-2018</i>

Technical & Research Skills

Chemical analysis & spectroscopy

GC-MS (including QTOF-MS), light spectroscopy, fluorescence and absorbance spectroscopy

Volatile sampling & chemical ecology

Headspace sampling, SPME, adsorbent traps, GC-olfactometry, electroantennographic detection, single sensillum electrophysiology

Experimental & behavioral methods

Laboratory and field bioassays, behavioral assays, field trials

Data analysis

GC-MS data analysis (MassHunter, MZmine2), data visualisation and multivariate statistics in **R** and **R Markdown**

Merits and Awards

Syntech Award, International Society of Chemical Ecology (ISCE)	2025
Travel Grant, Royal Physiographic Society of Lund	2024
Travel Grant, Larssons fond	2024
Grant, Gösta och Anna-Birgit Henrikssons fond	2023
UNKP Stipendium (Doctoral Candidates), Ministry of Culture and Innovation	2021
Climate KIC Grant, European Union	2016

Communication and Outreach

Presentation, 40th Conference of the International Society of Chemical Ecology (ISCE), Christchurch, New Zealand	2025
Talk, Apple growers meeting (Riksförbundet Svensk Trädgård, LRF Trädgård, Äppelriket)	2024
Invited talk, 27th International Congress of Entomology, Kyoto, Japan	2024

Talk & poster, 39th Conference of the International Society of Chemical Ecology (ISCE), Prague, Czech Republic 2024

Talks & posters, Plant Protection Days (Annual meeting of plant protectionists), Budapest, Hungary 2018-2022

Organising & hosting; 37th Conference of the International Society of Chemical Ecology (ISCE), Budapest, Hungary 2018