

Curriculum Vitae

Anna Laura Erdei

Malmö, Sweden · anna.erdei@slu.se

Education

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

Professional Experience

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

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; talk & poster, 37th Conference of the International Society of Chemical Ecology (ISCE), Budapest, Hungary

2018