

# Curriculum Vitae

## Anna Laura Erdei

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### Education

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- 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
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### Professional Experience

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- 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
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# Technical & Research Skills

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## 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**

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# Merits and Awards

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

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# Communication and Outreach

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<b>Presentation</b> , 40th Conference of the International Society of Chemical Ecology (ISCE), Christchurch, New Zealand	2025
<b>Talk</b> , Apple growers meeting (Riksförbundet Svensk Trädgård, LRF Trädgård, Äppelriket)	2024
<b>Invited talk</b> , 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