

Curriculum Vitae

Anna Laura Erdei

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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 2022–present
Sciences (SLU), Alnarp, Sweden

Visiting Researcher - Swedish University of Agricultural Sciences 2020–2021
(SLU), Alnarp, Sweden

Research Fellow - Plant Protection Institute, Hungarian Academy of 2017–2022
Sciences, Budapest, Hungary

Phytotechnologist - Biopolus Technologies / Budapest Waterworks, 2017–2018
Budapest, Hungary

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	<i>2024</i>
Talks & posters , Plant Protection Days (Annual meeting of plant protectionists), Budapest, Hungary	<i>2018–2022</i>
Organising & hosting ; talk & poster, 37th Conference of the International Society of Chemical Ecology (ISCE), Budapest, Hungary	<i>2018</i>