

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

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| 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

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| 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 |

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| 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 ; 37th Conference of the International Society of Chemical Ecology (ISCE), Budapest, Hungary | <i>2018</i> |