

PERSONAL  
INFORMATION

✉ E-mail: [anca\\_raclariu@yahoo.com](mailto:anca_raclariu@yahoo.com)  
[ancuta.manolica@incdsb.ro](mailto:ancuta.manolica@incdsb.ro)

Sex Female | Date of birth 25/07/1985 | Nationality Romanian | Civil status married (one child)

## PROFESIONAL LINKS

[orcid.org/0000-0003-1860-9984](https://orcid.org/0000-0003-1860-9984)  
 <https://www.linkedin.com/in/ancuta-cristina-raclariu-manolica-217b447b/>  
 [https://www.researchgate.net/profile/Ancuta\\_Raclariu](https://www.researchgate.net/profile/Ancuta_Raclariu)  
 <https://www.brainmap.ro/ancuta-cristina-manolica>

PROFESSIONAL  
APPOINTMENTS

June 2022 - onwards  
July 2018 – May 2022  
July 2010 – June 2018

**Scientific Researcher Grade II**  
**Scientific Research Assistant**  
**Junior Scientific Researcher**

National Institute of Research and Development for Biological Sciences (Romania)  
Branch: 'Stejarul' Research Centre for Biological Sciences  
Alexandru cel Bun 6, Piatra Neamt, 610004, Romania  
<https://www.incdsb.ro/en/>; <http://www.ccb-stejarul.ro/>  
**Business or sector** Academic - Research and Development Institute (R&D)

May 2018 – onwards

**Associate Researcher**

University of Oslo, Faculty of Mathematics and Natural Sciences, Natural History Museum Oslo  
Sars' gate 1, 0562 Oslo, Norway  
**Business or sector** Academic - Higher education

September 2019 –  
August 2020

**Scientist (Fellow)**

Federal Institute for Risk Assessment (BfR - Bundesinstitut für Risikobewertung)  
Max-Dohrn-Str. 8-10, 10589, Berlin, Germany  
Scientist within the European Food Risk Assessment Fellowship Programme (EU-FORA) organized by the European Food Safety Authority (EFSA); Work Programme title: Risk assessment of botanical preparations used in food supplements and fortified foods  
**Business or sector** Public Institution

September 2009 – June 2010

**Teacher of Biology**

Școala cu clasele I-VIII Dumbrava Roșie  
Dumbrava Roșie 1, 617185, Piatra Neamț, România  
URL: <http://scldr.ro/>  
**Business or sector** Education- Public Institution

EDUCATION AND  
TRAINING

July 2014 – November 2017

**Doctor of Philosophy (Ph.D.)**

University of Oslo, Faculty of Mathematics and Natural Sciences, Oslo, Norway  
Thesis: Molecular authentication of complex herbal food supplements for safety and efficacy

EQF level 8

October 2010 – July 2012

**Master of Science in Biology, Specialization: Molecular Genetics**

Alexandru Ioan Cuza University, Faculty of Biology, Iasi, Romania

EQF level 7

October 2008 – July 2009

**Master of Science, Specialization: Environmental Management**

Gheorghe Asachi Technical University, Faculty of Chemical Engineering and Environmental Protection, Iasi, Romania

EQF level 7

October 2004 – July 2008

**Bachelor of Science in Biology, Specialization: Ecology and Environmental sciences**

Alexandru Ioan Cuza University, Faculty of Biology, Iasi, Romania

EQF level 6

September 2000 – June 2004

**High School, Specialization: Physics – Chemistry**

Calistrat Hogas High School, Piatra Neamt, Romania

EQF level 4

**PERSONAL SKILLS**

Mother tongue(s)

Other language(s)

	Romanian				
	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
<b>English</b>	C2	C2	C2	C2	C2
<b>Italian</b>	B2	B2	B2	B2	B2
<b>German</b>	B1	B1	B1	B1	B1

Levels: A and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user  
 Common European Framework of Reference for Languages

**Coordinator/Responsible  
 of research projects  
 &  
 Project management  
 experience**

**METAPLANTCODE - Harmonizing plant metabarcoding pipelines in Europe to support monitoring activities in the field of plants and their functional organismic networks**

April 1<sup>st</sup> 2024 – March 31<sup>st</sup> 2027. EU Biodiversa+. Grant number: 216811. Total Budget Euro 3,123,030  
<https://www.uni-kassel.de/fb10-ag-botanik/metaplantcode/> (webpage under construction)  
 Role: Key researcher & Member of Supervisory Board/Progress Monitoring Officer

**Integrated genetic approach and fingerprinting of botanicals for an advanced quality assessment of herbal food supplements**

August 2021- July 2023, PNCDI III Romanian Ministry of Research and Innovation. Project no. PD 157/2020. Budget Ron 246,950. <https://sites.google.com/view/plantcheck>  
 Role: Project coordinator

**Mobility project for researchers**

2018, Supported by the Romanian Ministry of Research and Innovation, CNCS – UEFISCDI, Project no. PN-III-P1-1.1-MC-2018-0396 within PNCDI III.  
 Role: Project director

**EEA – Mobility projects**

2018, Supported by the Romanian Ministry of Research and Innovation, CNCS – UEFISCDI, Project no. EEA-MG-RO-NO-2018-015 within PNCDI III.  
 Role: Project director

**Key researcher in national  
 and international research  
 projects**

**SAFEMAPS - Integrated analytical solutions for improving the conformity and quality of products obtained from medicinal and aromatic plants in order to ensure consumer protection and sustainable exploitation of biodiversity**

January 1<sup>st</sup> 2023 – December 31<sup>st</sup> 2026. PNCDI IV/ Core Program. Project no. 3020301/contract 7N/2023.  
<https://sites.google.com/view/safemaps>

**ResPonSE – Monitoring and evaluation of ecosystems’ status and services through assessment of insect abundance and diversity with Malaise and pitfall traps using conventional morphological identification and DNA barcoding**

2023-2025. PNRR/Component 9 Support for the private sector, research, development and innovation/Investment 5. Establishment and operationalization of competence centers.  
 Contract no. 760010/2022  
<https://response.unibuc.ro/>

**OK Krydder 2018 - Surveillance and control program for spices 2018**

January 1<sup>st</sup> – December 31<sup>st</sup> 2018. Norwegian Food Safety Authority (Mattilsynet). Project 57237/2018.

**BIODIVERS 2 - Development of tools and strategies for the superior exploitation of natural resources for the improvement of their sustainable exploitation in bio-industries and the preservation of ecosystem functions - Valorization of the vegetal resources with bioactive components through integrated processes for a sustainable bioeconomy**

January 1<sup>st</sup> – December 31<sup>st</sup> 2018. PNCDI III Core Program.

**PhytoAuthent - Molecular authentication of complex herbal food supplements for safety and efficacy**

July 2014 – April 2017. Economic European Area (EEA) and Norway Grants. Grant agreement no: 2SEE/2014/RO14-0019.

**AMIGA - Assessing and monitoring the impacts of genetically modified plants on agro-ecosystems**

December 2011 – November 2016. European Commission, Financing scheme: FP7 - KBBE.2011.3.5-01. Grant agreement no: 289706.

**Assessing and monitoring the impacts of genetically modified plants on agro-ecosystems**

November 2012 – November 2015. UEFISCDI Module III - Projects to support Romania's participation in international research projects, Co-financing projects of Romania's participation to FP7. Grant agreement no.: 199EU.

**BIODIV - Identification, characterization and utilization of bioresources for obtaining of useful substances for capitalization and conservation of biodiversity.**

July 2010 – March 2014. Romanian Ministry of Research Education and Innovation. Project no.: PN 09-360402.

**VEROBIO - The *Veronica* genus – identification of interrelations between the biological and ecological diversity of the species identified in protected areas and at national level in order to characterize, preserve and durable use of the genetic resources**

July 2010 – November 2011. Romanian Ministry of education, research, youth and sport. Grant agreement no: 32151/01.10.2008.

**ADDITIONAL INFORMATION****Travel grants**

Mobility grant (2018)	Romanian Ministry of Research and Innovation
Mobility grant (2018)	Romanian Ministry of Research and Innovation
Travel grant (2019)	International Centre for Genetic Engineering and Biotechnology (ICGEB)
Travel grant (2018)	Romanian Executive Agency for Higher Education, Research, Development and Innovation (Mobility projects for researchers, 2018 Call)
Travel grant (2018)	Romanian Executive Agency for Higher Education, Research, Development and Innovation Funding (Research Programme under EEA Financial Mechanism 2014-2021)
Travel grant (2014)	International Centre for Genetic Engineering and Biotechnology (ICGEB)
Travel grant (2014)	EU/FP7/DoReMi Project
Travel grant (2013)	European Plant Phenotyping Network
Travel grant (2013)	International Centre for Genetic Engineering and Biotechnology (ICGEB)
Travel grant (2013)	EU/FP7/DoReMi Project
Travel grant (2013)	EU/FP7/DoReMi Project
Travel grant (2012)	European Science Foundation, FroSpects Programme (EFS)
Travel grant (2011)	International Centre for Genetic Engineering and Biotechnology (ICGEB)
Travel grant (2010)	EU/FP7/AGRISAFE Project

**Organisational skills and other job-related skills**

**Certified research management for researchers** (since 2022)  
**Certified project manager** (since 2014)  
**Certified school teacher** (since 2008)  
**Certified train-the-trainer** (since 2014)  
**Certified on public acquisitions** (since 2014)

**Reviewer for Scientific Journals**

**Frontiers in Pharmacology** (Frontiers Media S.A; IF2021: 5,98)  
**PLOS ONE** (Public Library of Science, IF2022: 3,75)  
**Planta Medica** (Thieme Medical Publishers, IF2021 3,007)  
**Genome** (Canadian Science Publishing, IF2022 2,44)

**Member in Professional Association**

**European Food Safety Authority (EFSA) - European Food Risk Assessment Fellowship Programme (EU-FORA) Alumni** – Member since 2020/Board Member 2021-2022  
**Society for Medicinal Plant and Natural Product Research (GA)** - since 2017  
**Research School in Biosystematics (ForBio)** - 2014-2018  
**International Union of Biochemistry and Molecular Biology (IUBMB)** - since 2010  
**Federation of European Biochemical Societies (FEBS)** - since 2010  
**Romanian Society of Biochemistry and Molecular Biology (RSBMB)** - since 2010.

**Advanced practical training and research visits**

**Module 3 training of the European Food Risk Assessment fellowship Programme (EU-FORA)** (Topics: Identification of Emerging Risks, Nanomaterials and areas of application, Adverse Outcome Pathway (AOP), Mode of Action (MoA) and the IATA approach, OMICs in Risk Assessment Risk Ranking). 24-31 August 2020, Virtual training.

**Module 2 training of the European Food Risk Assessment Fellowship Programme (EU-FORA)** (Topics: Risk communication, Crisis communication, Risk Perception, Survey Methodology, Media Training). 10-14 August 2020, Virtual training.

**Module 1 training of the European Food Risk Assessment fellowship Programme (EU-FORA)** (Topics: Overview of GMO Risk Assessment, Animal health and animal welfare risk assessment, Plant health and pesticides risk assessment, Nutritional Risk assessment, Environmental risk assessment). 25 – 29 November 2019, Vienna, Austria.

**European Food Risk Assessment Fellowship Programme (EU-FORA) induction training.** 2-20 September 2019, European Food Safety Authority (EFSA), Parma, Italy

**Phylogeny and molecular taxonomy of some plant species with economic importance (Research stay).** 11-22 March 2019, Hosted by: Prof. Dr. Christoph Oberprieler at the Institute of Plant Sciences, Evolutionary and Systematic Botany, University of Regensburg, Germany.

**DNA barcoding - High Resolution Melting (Bar-HRM) for the identification and authentication of medicinal plant and the derived herbal products (Research stay).** 1-20 June 2018, Hosted by: Dr. Panagiotis Madesis at the Institute of Applied Biosciences, Centre for Research & Technology, Hellas, Greece.

**Introduction to Bioinformatics for Biosystematics course.** 5 - 9 October 2015, Natural History Museum, University of Oslo, Norway

**DNA-barcoding course.** 9 – 13 March 2015, Natural History Museum, Paris, France

**AMIGA Summer School on environmental risk assessment (ERA) of GM crops.** 2 – 5 September, 2014, TEAGASC Crops Research, Oak Park, Carlow, Ireland

**Bioinformatics: Computer Methods in Molecular and Systems Biology (training course).** 22 – 29 June 2014, International Centre for Genetic Engineering and Biotechnology, Trieste, Italy

**InterRad - Interdisciplinary Radiation Research (training course).** 3 – 14 February 2014, Federal Office for Radiation Protection, Munich, Germany

**Summer School: Plant Phenotyping.** 30 June – 6 July 2013, Biological Research Centre, Szeged, Hungary

**Modelling radiation effects from initial physical events (training course).** 27 May – 7 June 2013, University of Pavia, Italy

**Biodownstream Technology Course (training course).** 15 – 19 April 2013, Marine Biology Station, Piran, Slovenia

**Radiation-induced effects with particular emphasis on genetics, development, teratology, cognition as well as space-related health issues (training course).** 18 February – 1 March 2013, Belgian Nuclear Research Centre, Mol, Belgium

**Patterns and processes of diversification and hybridization in *Veronica chamaedrys* (Research stay).** 28 January – 4 March 2012, Hosted by: Prof. Dr. Dirk Albach, Carl von Ossietzky University, Faculty of Mathematics and Sciences, Department of Biology and Environmental Sciences, Oldenburg, Germany

### Advanced Theoretical Courses and Workshops

**Parma Summer School 2022 “Risk assessment of regulated products“.** 28-30 September 2022, European Safety Authority EFSA). Online.

**ReMaT – Research Management Training for Early Career Researchers.** 04-05 May, TUTECH Innovation GMBH. Online.

**Risk Assessment and Risk Management of Genetically Modified Organisms (GMO).** 09.07.2020, Federal Institute for Risk Assessment (BfR), Berlin, Germany

**Risk Assessment – Food contamination by plasticisers,** 05.05.2020, Federal Institute for Risk Assessment (BfR), Berlin, Germany

**10th Berlin Workshop on Developmental Toxicology,** 19–20 February 2020, Conference center Berlin Biotechpark, Germany

**Ethnopharmacology.** 12 – 16 September 2016, Faculty of Pharmacy, University of Oslo, Norway

**DNA barcoding - from theory to applications.** 22 – 26 August 2016, Gothenburg University, Sweden

**Information Visualisation in Science Communication Workshop.** 24 April 2016, Norwegian University of Science and Technology (NTNU) University Museum, Trondheim, Norway

**Phylogenetic methods.** 2 – 6 November 2015, University of Bergen, Norway

**Phylogeny and Classification.** 18 August – 22 September 2015, University of Oslo, Norway

**Science, Ethics and Society.** 18 – 22 May 2015, The Faculty of Mathematics and Natural Sciences, University of Oslo, Norway

**Mouse genetics: models for human diseases.** 8 – 11 April 2013, International Centre for Genetic Engineering and Biotechnology, Trieste, Italy

**Francophone Summer School ‘Prof. Jean Montreuil’.** 4 – 9 July 2011, Vasile Goldis Western University of Arad, Romania

**RNA Structure and Function.** 18 – 21 April 2011, International Centre for Genetic Engineering and Biotechnology, Trieste, Italy

**Climate change: Challenge for training of applied plant scientists.** 25 – 29 October 2010, Agricultural Research Institute of the Hungarian Academy of Sciences, Martonvasar, Hungary

**Francophone Summer School ‘Molecular pathology and pharmacology. Biotechnology’.** 5 – 17 July 2010, Vasile Goldis Western University of Arad, Romania

**Talks, Posters and  
Conference abstracts  
communicated at  
international scientific  
meetings**

Ancuța Cristina Raclariu-Manolică *DNA barcoding and metabarcoding of herbal medicines.* Invited talk at: **International Bioresources Conclave and Ethnopharmacology Congress (ISE SFEC)**, 24-26 Februarie 2023, Imphal, Manipur, India. Congress book: [https://isesfec2023.in/ibsd-sfe/web/uploads/docs/ISESFEC\\_2023\\_-\\_Congress\\_Book-56382638YRH.pdf](https://isesfec2023.in/ibsd-sfe/web/uploads/docs/ISESFEC_2023_-_Congress_Book-56382638YRH.pdf)

Ancuța Cristina Raclariu-Manolică, Quentin Mauvisseau, Renato Paranaiba, Hugo J. de Boer, Carmen Socaciu. *Milk thistle product authentication using LC-MS and DNA metabarcoding.* Poster presented at: **70th International Congress and Annual Meeting of the Society for Medicinal Plant and Natural Product Research (GA)**. 28-31 August 2022, Thessaloniki, Greece.  
Abstract: *Planta Med* 2022; 88: 1385–1588 doi 10.1055/a-1950-7375

Ancuța-Cristina Raclariu-Manolică, Quentin Mauvisseau, Renato Paranaiba, Hugo De Boer, Carmen Socaciu *Integrated molecular approaches for advanced quality assessment of botanicals and derived herbal preparations.* 25-27 May 2022, Sofia, Bulgaria and online.

Ancuța Cristina Raclariu-Manolică, Nadiya Bakhiya, Alfonso Lampen, Karen Ildico Hirsch-Ernst, 2020. *Risk assessment of the use of Annona muricata in food supplements.* *Naunyn-Schmiedeberg's Arch Pharmacol*, 393 (Suppl 1): Poster 82. Poster presented at: **5th German Pharm-Tox Summit 2020**. 2 - 5 March 2020, Leipzig, Germany.

Ancuța Cristina Raclariu-Manolica, Mihael Cristin Ichim, Hugo de Boer. *Biodiversity in complex marketed herbal products - species identification and authentication for safety and efficacy.* Poster presented at: **International Barcode of Life Conference**. 15-20 June 2019, Trondheim, Norway.

Ancuța Cristina Raclariu-Manolica, Mihael Cristin Ichim, Hugo de Boer. *Species identification and authentication of complex medicinal plant-based marketed products for safety and efficacy.* Poster presented at: Workshop “Trends and Prospects of Med/Pharma Biotechnologies in Europe: Towards Strengthening Regional Cooperation Including CEE Countries”. 3 - 4 June, 2019, Bratislava, Slovakia.

Ancuța Cristina Raclariu-Manolica, Mihael Cristin Ichim, Oana Madalina Popa, Paula Paraschiva Sosoi, Hugo de Boer *DNA metabarcoding authentication ensure the safety and efficacy of marketed herbal products and protect the human health.* Poster presented at: **Workshop on Modern Biotechnological Advances for Human Health – BAHH 2019**. May 28–31, 2019, in Bucharest, Romania

Ancuța Cristina Raclariu, Mihael Cristin Ichim, Carmen Elena Tebrencu, Hugo de Boer. *Molecular authentication of Echinacea herbal products.* Poster presented at: **5th International conference of FOODOMICS**. 10 – 12 January 2018, Cesena, Italia. URL: <http://www.foodomics.eu/>

Ancuța Cristina Raclariu, Hugo de Boer, Mihael Cristin Ichim. *Metagenomics approaches for the authentication of complex herbal products.* Poster presented at: **5th International conference of FOODOMICS**. 10 – 12 January 2018, Cesena, Italia. URL: <http://www.foodomics.eu/>

Ancuța Cristina Raclariu. *Comparative authentication of Hypericum perforatum L. (St. John wort) herbal products using DNA metabarcoding, TLC and HPLC-MS.* Talk/Oral presentation at: **International Barcode**

Peer reviewed  
 scientific publications

**of Life Conference.** 20 - 24 November 2017, Kruger National Park South Africa  
 URL: <https://dnabarcodes2017.org/>

**Ancuța Cristina Raclariu-Manolică**, Quentin Mauvisseau, Renato Paranaiba, Hugo J. de Boer, Carmen Socaciu. Authentication of milk thistle commercial products using UHPLC-QTOF-ESI + MS metabolomics and DNA metabarcoding. *BMC Complementary Medicine and Therapies* 23, 257 (2023). <https://doi.org/10.1186/s12906-023-04091-9>

**Ancuța Cristina Raclariu-Manolică**, Quentin Mauvisseau, Hugo J. de Boer (2023). Horizon scan of DNA-based methods for quality control and monitoring of herbal preparations. *Frontiers in Pharmacology* 14. doi.org/10.3389/fphar.2023.1179099.

**Ancuța Cristina Raclariu-Manolică**, Carmen Socaciu (2023). In Search of Authenticity Biomarkers in Food Supplements Containing Sea Buckthorn: A Metabolomics Approach. *Foods* (Basel, Switzerland), 12(24), 4493. <https://doi.org/10.3390/foods12244493>

Felicitas Mück, Francesca Scotti, Quentin Mauvisseau, **Ancuța Cristina Raclariu-Manolică**, Audun Schröder-Nielsen, Helle Wangensteen, & Hugo De Boer (2023). Complementary authentication of Chinese herbal products to treat endometriosis using DNA metabarcoding and HPTLC shows a high level of variability. *Frontiers in pharmacology*, 14, 1305410. <https://doi.org/10.3389/fphar.2023.1305410>

**Ancuța Cristina Raclariu-Manolică**, Carmen Socaciu (2023). Detecting and profiling of milk thistle metabolites in food supplements: a safety-oriented approach by advanced analytics" *Metabolites* 13, 3: 440. doi.org/10.3390/metabo13030440

**Ancuța Cristina Raclariu-Manolică**, Jarl Andreas Anmarkrud, Marcin Kierczak, Nima Rafati, Lisbeth Thorbek, Audun Schröder-Nielsen, Hugo J De Boer (2021). DNA metabarcoding for quality control of basil, oregano and paprika. *Frontiers in Plant Science*, 12. <https://doi.org/10.3389/fpls.2021.665618>

**Ancuța Cristina Raclariu-Manolică**, Nadiya Bakhiya, Karen Ildico Hirsch-Ernst (2020). Risk assessment regarding the use of *Annona muricata* in food supplements. *European Food Safety Authority (EFSA) Journal* 2020;18(S1):e181112, doi.org/10.2903/j.efsa.2020.e181112

Gopalakrishnan Saroja Seethapathy, **Ancuța Cristina Raclariu-Manolică**, Jarl Andreas Anmarkrud, Helle Wangensteen, Hugo J. de Boer (2019). Authentication of Ayurvedic herbal products available in European market using DNA metabarcoding raises quality concerns. *Frontiers in Plant Science*, doi: 10.3389/fpls.2019.00068

**Ancuța Cristina Raclariu-Manolică**, Heinrich, Mihael Cristin Ichim, and Hugo J. de Boer (2018). Benefits and limitations of DNA-based methods in herbal products authentication. *Phytochemical Analysis* 29: 123–128, doi: 10.1002/pca.2732

Hugo J. de Boer, Abdolbaset Ghorbani, Vincent Manzanilla, **Ancuța Cristina Raclariu-Manolică**, Anna Kreziou, Sarawut Ounjai, Maslin Osathanunkul and Barbara Gravendeel. (2017). DNA metabarcoding of orchid products reveals widespread illegal orchid trade. *Proceedings of the Royal Society B: Biological Sciences*, doi10.1098/rspb.2017.1182

**Ancuța Cristina Raclariu-Manolică**, Carmen Elena Țebrencu, Mihael Cristin Ichim, Oana Teodora Ciupercă, Anne Krag Brysting, and Hugo J. de Boer. (2018) What's in the box? Authentication of *Echinacea* herbal products using DNA metabarcoding and HPTLC. *Phytomedicine*, doi: 10.1016/j.phymed.2018.03.058

**Ancuța Cristina Raclariu-Manolică**, Andrei Mocan, Mădălina Oana Popa, Laurian Vlase, Mihael Cristin Ichim, Gianina Crișan, Anne Krag Brysting, and Hugo J. de Boer. (2017). *Veronica officinalis* product authentication using DNA metabarcoding and HPLC-MS reveals widespread adulteration with *Veronica chamaedrys*. *Frontiers in Pharmacology*, 8:378. doi.org/10.3389/fphar.2017.00378

**Ancuța Cristina Raclariu-Manolică**, Ramona Păltinean, Laurian Vlase, Aurélie Labarre, Vincent Manzanilla, Mihael Cristin Ichim, Gianina Crișan, Anne Krag Brysting, and Hugo J. de Boer. (2017). Comparative authentication of *Hypericum perforatum* herbal products using DNA metabarcoding, TLC and HPLC-MS. *Scientific Reports*, 7(1):1291. doi: 10.1038/s41598-017-01389-w

International Books/  
 Book chapter(s)

**Ancuța Cristina Raclariu-Manolică**, Hugo J. de Boer, Chapter 8 - DNA barcoding and metabarcoding for quality control of botanicals and derived herbal products, Editor(s): Pulok K. Mukherjee, Evidence-Based Validation of Herbal Medicine (Second Edition), Elsevier, 2022, Pages 223-238, ISBN 9780323855426, <https://doi.org/10.1016/B978-0-323-85542-6.00004-4>.

**Ancuța - Cristina Raclariu**, 2017, Molecular authentication of complex herbal products for quality and safety. University of Oslo, Norway, ISSN 1501-7710/2017. (PhD thesis)

