University Academic Curriculum Vitae

Personal information

Name: Agnese Aguzzoni
Place and date of birth: Cesena (FC), 24/05/1988
Nationality: Italian
E-Mail: agnese.aguzzoni@natec.unibz.it

Education since leaving school

- PhD at the Free University of Bozen-Bolzano
  Nov. 2015 – Oct. 2018
  Third and final year completed and admitted to the final exam
  Final dissertation expected for Apr-Jun 2019

- Master degree in Industrial Chemistry
  Oct. 2010 – Oct. 2012
  University of Parma, viale delle Scienze 17/A, 43124 Parma (PR)
  Dissertation title: Characterization and Synthesis of Conjugated Linoleic Acids (CLA) and ω-cyclohexyl Fatty Acids Present in Cow's Milk.
  Final mark: 110/110

- Bachelor degree in Chemical Technologies for Environment and Waste Management
  Oct. 2007 – Oct. 2010
  University of Bologna, via dei Mille 39, 47921 Rimini (RN)
  Dissertation title: Purification of Crude Glycerin, Co-Product during the Biodiesel Synthesis at P.E.S.E.A. Park.
  Final mark: 110/110

Present appointment

- Lab technician
  Start of appointment: Feb. 2019
  Eco-Research srl
  Topic: Use of the Sr and other element isotope ratio to characterize South Tyrol products (from agriculture and forestry) and distinguish them from products of different origin (Project TIOMI)

Professional experience

From / to	Job title	Name of academic Institution	Academic level	responsibilities
11.2018 – 12.2018	Contract for intellectual and manual work	Free University of Bozen-Bolzano (Bolzano, BZ)	Post-graduate	Use of multi-chemical fingerprint to characterize South Tyrol products
03.2014 – 10.2015	Research grant	SSICA, Stazione Sperimentale per l'Industria delle Conserve Alimentari	Post-graduate	Research project in the field of food chemistry
04.2013 – 03.2015	Research grant	Kemin Cavriago srl (Cavriago, RE) and UNIPR (Parma, PR)	Post-graduate	Research project related to aroma compounds and palatants for pet food

Publications

Original scientific publications (peer reviewed):

- *Aguzzoni A*, Bassi M, Robatscher P, Tagliavini M, Tirler W, Scandellari F. Plant Sr Isotope Ratios As Affected by the Sr Isotope Ratio of the Soil and of the External Sr Inputs. J. Agric. Food Chem., Article ASAP. 2018.
  DOI: 10.1021/acs.jafc.8b02604

Scientific review (peer reviewed):

- *Aguzzoni A*, Scandellari F. The geographical origin of fresh horticultural products: analytical methods to prevent food frauds. Italus Hortus. 2017;24(1):41–57.
  DOI: 10.11648/j.itahort/2017.1.4157

List of abstracts:

- *Aguzzoni A*, Bassi M, Robatscher P, Tagliavini M, Tirler W, Scandellari F. Strontium isotope fingerprint of apple trees: its variability according to multiple agricultural Sr-sources and soil heterogeneity. Included in the book of abstract of the 2nd IRMS Day (Messina, 2018).

- *Aguzzoni A*, Bassi M, Tchaikovsky A, Robatscher P, Tirler W, Scandellari F, Tagliavini M, Prohaska T. Multielement composition and strontium isotope ratios used as provenance indicators for apples from different growing areas in Northern Italy. Included in the book of abstract of the European Geosciences Union General Assembly (Wien, 2018)

- *Aguzzoni A*, Bassi M, Robatscher P, Scandellari F, Tagliavini M, Tirler W. Multielement profile and strontium isotope ratio discriminate apples according to their production area: a preliminary case study in South Tyrol. Included in the book of abstract of the VIII ISHS Symposium on Mineral Nutrition of Fruit (Bolzano, 2017).

- *Aguzzoni A*, Bassi M, Robatscher P, Scandellari F, Tagliavini M, Tirler W. Strontium isotope ratio and agriculture: Effect of external factors on the soil-plant chemical link. Included in the book of abstract of the ERA Chair ISO-FOOD Exploratory Workshop (Ljubljana, 2016).

- *Aguzzoni A*, Bassi M, Comiti F, Mimmo T, Robatscher P, Scandellari F, Tagliavini M, Tirler W. Strontium isotopic ratio in agricultural products: research gaps and future investigations for its use in geographical traceability. Included in the book of abstract of the 1st IRMS Day (San Michele all'Adige, 2016).

- *Aguzzoni A*, Bassi M, Comiti F, Mimmo T, Robatscher P, Scandellari F, Tagliavini M, Tirler W. Strontium isotopic ratio in agricultural products: research gaps and future investigations for its use in geographical traceability. Included in the book of abstract of the Food Integrity 2016 Conference (Prague, 2016).

Oral and poster presentations

- "Strontium isotope fingerprint of apple trees: its variability according to multiple agricultural Sr-sources and soil heterogeneity".
  Contribution accepted as **oral presentation** at the 2nd IRMS Day (Messina, 2018).

- "Multielement composition and strontium isotope ratios used as provenance indicators for apples from different growing areas in Northern Italy".
  Contribution accepted as **poster** at the European Geosciences

Union General Assembly (Wien, 2018)

- "Multielement profile and strontium isotope ratio discriminate apples according to their production area: a preliminary case study in South Tyrol".
  Contribution accepted as **poster** at the VIII ISHS Symposium on Mineral Nutrition of Fruit (Bolzano, 2017).

- "Strontium isotope ratio and agriculture: Effect of external factors on the soil-plant chemical link".
  Contribution accepted as **poster** at the ERA Chair ISO-FOOD Exploratory Workshop (Ljubljana, 2016).

- "Strontium isotopic ratio in agricultural products: research gaps and future investigations for its use in geographical traceability". Contribution accepted as **poster** the 1st IRMS Day (San Michele all'Adige, 2016) and Food Integrity 2016 Conference (Prague, 2016).

Attended schools, seminars, workshops

- Hyperspectral imaging, data processing and multivariate image analysis using matlab scripts
  At BOKU, Wien (A) – period: 15-16.11.2017

- ISOSCAPE
  At Fondazione Edmund Mach, San Michele All'Adige (TN) – period: 01-04.08.2017

- Scuola di Chemiometria – Analisi Multivariata
  At Università di Genova, Genova (GE) – period: 30.01-02.02.2017

- MASSTWIN Group Training:
  Metrology in measurements of stable isotopes of light elements: traceability, uncertainty and comparability
  At Jožef Stefan Institute, Ljubljana (SLO) – period: 07.12.2016

- School of Experimental Design
  At Università di Genova, Genova (GE) – period: 26-30.09.2016

Language competence

Mother tongue: Italian

Other languages:

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
German	B1	B1	B1	B1	B1

Driving license

B license

18/02/2019

Date

Agnese Agostoni

Signature

"I agree to the handling of my personal data in accordance with EU Regulation GDPR 2016/679".