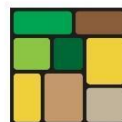


Dipartimento di Scienze Agrarie, Alimenti, Risorse Naturali e Ingegneria
Department of Agriculture, Food, Natural resources and Engineering
(DAFNE)

CYCLE	XXXVIII
STUDENT	ASGHAR AMMARA
TUTOR	Giancarlo Colelli
Co-tutor	Salvatore G. Germinara

CURRICULUM	2 Innovative technologies for food quality and safety •
PROVISIONAL TITLE of the RESEARCH PROJECT	Physical disinfestation of dried fruits and cereal grains
DOCTORAL SCHOLARSHIP	DM 352 co-funded by SAIM srl
SHORT CV	Bachelors in Food science and Technology (2016-2020) Masters in Food Technology (2020-2022) Ph.D. in Biotechnology and smart practices for a sustainable management of natural resources, food and agriculture (2022 - present) Research interests: Thermal processing, CO₂ treatment, and postharvest quality preservation Current studies: • <i>Comprehensive Quality Evaluation of Heat-Treated Almonds Through RSM</i> • <i>Thermal Modulation of Physicochemical Properties, Antioxidant Activity, and Bioactive Compounds in Durum Wheat Grains</i> • <i>Eco-Friendly Pest Management in Stored Wheat Grains: Suppressing Sitophilus granarius with Thermal and CO₂ Stress</i> Expertise: Experimental design (CCD/RSM), ANOVA, data modeling, quality assessment Techniques: DPPH, TPC, TFC, TPAC, texture, color, water activity analyses



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	Software: Statgraphics Centurion, Excel, Origin
PUBBLICATIONS	