



NEWSLETTER

MESSAGE FROM OUR COORDINATOR

Thank you for reading the 5th edition of the Se4All newsletter. This issue includes the update and news about the project related areas in science, Biotechnology and agricultural engineering.

Ass.Prof Maria - Jesus Sanchez Martin

01. Se4All Events

02. Se4All Secondments

03. Se4All Project Meeting

JOIN THE SE4ALL COMMUNITY

The Se4All project aims to engage new stakeholders, including research centers, dairy producers, public entities, and private companies, to expand its impact and foster innovation in sustainable food systems. By promoting partnerships between agriculture, nutrition, and sustainability, these collaborations can create synergies that not only enhance the project's outcomes but also inspire new initiatives



Se4All Market Research Training

On April 29, 2024, the Technologia dels Aliments UAB in Barcelona hosted the Se4All Market Research Training Workshop. This event aimed to equip researchers, industry professionals, and farmers with the necessary tools to successfully bring selenium-enriched dairy products to market. Participants gained valuable insights into:

- **Market Dynamics:** Grasping the landscape for selenium-enriched dairy.
- **Consumer Insights:** Understanding the drivers behind consumer choices and how to address their needs effectively.
- **Strategic Marketing:** Developing compelling messages that resonate with the target audience.

This training provided Se4All stakeholders with a deep understanding essential for market success



Exploring Cheese production

Hands-On Learning at UAB's Faculty of Veterinary

On April 29, 2024, the Se4All team embarked on an immersive field trip to the UAB Faculty of Veterinary. This hands-on experience was an integral part of the "Market Research Training for Se4All Technologies" workshop. The team wasn't just discussing selenium-enriched dairy; they were actively involved in understanding the entire process, from farm to table.

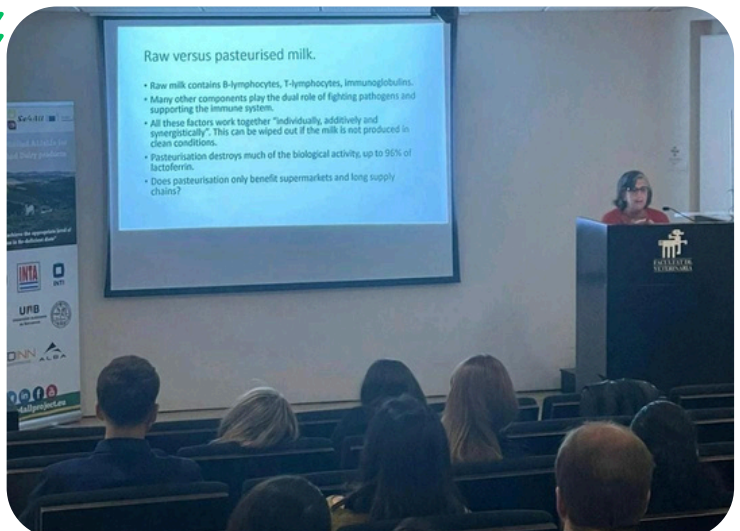




The Power of Functional Food

On September 19, 2024, the third Se4All International Workshop was held at Sala de Graus, Faculty of Veterinary (UAB), Barcelona, under the theme "The Power of Functional Food: From Field to Market." This event was pivotal for Se4All stakeholders, providing a platform to delve into critical advancements in selenium-enriched dairy products. Prof. María Jesús Sánchez Martín, Project Coordinator from UAB, opened the workshop with a warm welcome and insightful presentation. The sessions covered various aspects crucial to the Se4All initiative.

Market Dynamics: Understanding the landscape for selenium-enriched dairy. These discussions provided valuable insights and strengthened the collaborative efforts of researchers, industry professionals, and farmers in advancing the Se4All project





Exploring Sustainable Food Production at UAB



On September 19, 2024, the Se4All International Workshop featured a guided tour at UAB's Food Technology Plant. Enthusiastic participants from various institutions explored sustainable food production and PDO issues. Special thanks to Prof. Antonio José Trujillo Mesa for hosting this insightful visit, emphasizing the critical role of academic research in sustainable food production

Se4All Science Café

On September 19, 2024, after touring the Food Technology Plant during the 3rd Se4All International Workshop, participants gathered at El Cau de la Vila for a Science Café. This engaging event offered the perfect setting for informal discussions over drinks. Key highlights:

Community Building: Participants from diverse backgrounds shared knowledge in a relaxed setting.

Interactive Discussions: Trivia and friendly debates created a lively atmosphere.

Participant Reflections: Informal interviews allowed attendees to share their thoughts on the day's activities and workshop involvement.

This open dialogue highlighted the research behind functional foods and fostered a collaborative spirit





Fostering Global Innovation



On November 4th, María Belén Pirola and Erica Schmidt, researchers from INTI in Argentina, visited the offices of Food Hub in Cesena, Italy, as part of their secondment for the Se4All project. They were joined by Fabio D'Elia and Sara Cordisco from Food Hub, and Alessandro Tiraborelli from REDINN. The visit focused on project management practices and exploring the agri-food innovation landscape of Emilia-Romagna. Discussions highlighted the region's quadruple helix model and its comparison with INTI's approaches. This exchange emphasized the importance of cross-border collaboration in achieving sustainable development and knowledge sharing.

Exploring Sustainable Practices in Parmigiano Reggiano Production

On November 8, María Belén Pirola and Erica Schmidt, researchers from INTI on secondment at Universitat Autònoma de Barcelona (UAB), visited the Latteria Sociale Centro di Rubbianino in Emilia, Reggio Emilia. Accompanied by Alessandro Tiraborelli of REDINN and guided by Elena Bortolazzo from CRPA, they explored the stages of Parmigiano Reggiano cheese production. They learned how local expert cheesemakers blend tradition with innovation.

The visit highlighted significant investments in modernizing facilities, aligning with high-quality standards, and ensuring workplace safety. The team also observed the role of automation and packaging innovations in maintaining cheese quality and appeal. This experience underscored Se4All's mission to support sustainable practices in the agri-food sector through knowledge exchange.





On November 5th and 6th, María Belén Pirola and Erica Schmidt, researchers from INTI on secondment at UAB, attended ECOMONDO in Cesena, Italy. Accompanied by Alessandro Tiraborelli from REDINN, they explored sustainable soil management and bioenergy innovations. Their participation in sessions on agrifood chain competitiveness, EU funding opportunities, and waste-to-energy technologies highlighted the importance of international collaboration and sustainable practices. This visit reinforced Se4All's mission to support innovative solutions and foster global partnerships for a sustainable future.

Se4All Project Meeting at UAB

On September 20, 2024, we convened at the Universitat Autònoma de Barcelona (UAB) for the Se4All overall meeting, a significant milestone in our project aimed at enhancing sustainable food production. Our primary goal is to optimize the concentration and bioavailability of Selenium in milk and dairy products. Vision: Combatting health issues from Se-deficient diets by producing Se-enriched dairy from Se-biofortified hay. Technology: Developing Se-biofortified functional foods through innovative Se-enrichment methodologies.

Meeting Highlights: WP2: Status and achievements, presented by Mónica Gaggiotti (INTA). WP3: Updates by Erica Schmidt, Victoria Ferragut, and Toni Trujillo. WP4: Insights from Kate Carmody. WP5: Communication and dissemination by Alessandro Tiraborelli (REDINN).

This meeting was an excellent opportunity to review progress, share achievements, and plan future steps towards a sustainable food future.



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PROJECT PARTNERS

These organizations have partnered with us to advance our common goal: increasing the availability of Selenium-rich dairy products for common consumption. We thank them for their support and are proud of the relationships we've built thus far. They have been instrumental in the progress of this project.

