



UNIVERSITÀ DEGLI STUDI DI MILANO
FACOLTÀ DI SCIENZE AGRARIE E ALIMENTARI

Curriculum Vitae of Limbo Sara

Photo



Education

Ph.D. in Food Biotechnology. University of Milan. Thesis title: "Performance and effectiveness of oxygen scavengers in critical food applications".

M.S. in Food Science and Technology. University of Milan. Thesis title: "Application and validation of a mathematical model for predicting shelf life of moisture sensitive foods".

Professional experiences

Sara LIMBO is Associate Professor at the Department of Food Science and Technology of University of Milan. She achieved a PhD degree in 2004, with a dissertation on the performance and effectiveness of oxygen scavengers in critical food applications. She participated in several Italian research projects and in the European Fair Project "Actipak" "closed in 2001 and is now involved in the European Fair Project "Nafispack" on natural antimicrobials for innovative and safe packaging. Her primary interest deals with food packaging technologies and the quality of food packaged products. She is author and co-author of about 50 works among scientific publications and communications to conferences.

Research fields

Sara Limbo is Associate Professor at the Department of Food, Environmental and Nutritional Sciences of the University of Milan. The scientific activities deal with: a) the optimization of traditional and active packaging solutions to extend the shelf life of foods; b) the safety of food contact materials in terms of additives and non-intentionally added substances migration and technical solutions to reduce the risk of food contamination; c) the modulation of physic-mechanical and barrier properties of polymers as function of fresh food requirements. Sara Limbo teaches Food Packaging Technology at the University of Milan. She has been involved in several national projects as RU coordinator



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FACOLTÀ DI SCIENZE AGRARIE E ALIMENTARI

and also in EU projects as participant. She is also member of the PhD School in Food Systems at the University of Milan, member and secretary of the Italian Scientific Group of Food Packaging (GSICA) and member of some Working Groups of UNI Federate Agency for the Standards Unification.

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Most significant publications

1. Mousavi Khaneghah, A., Hashemi S.M.B., Eş I., Fracassetti D., Limbo S.* 2018. Efficacy of Antimicrobial Agents for Food Contact Applications: Biological Activity, Incorporation into Packaging, and Assessment Methods: A Review. *Journal of Food Protection*. 81(7):1142-1156. doi: 10.4315/0362-028X.JFP-17-509.
2. Mousavi Khaneghaha, A., Hashemi S.M.B, Limbo, S*. 2018. Antimicrobial agents and packaging systems in antimicrobial active food packaging: An overview of approaches and interactions. *Food and Bioproducts Processing*. 111,1-19
3. Fracassetti D.*, Limbo S., D'Incecco P., Tirelli A, Pellegrino L. Development of a HPLC method for the simultaneous analysis of riboflavin and other flavin compounds in liquid milk and milk products. *European Food Research and Technology*, 2018, DOI: 10.1007/s00217-018-3068-6
4. D'Incecco, P., Limbo, S., Faoro, F.; Hogenboom, J., Rosi, V., Morandi, S., Pellegrino, L. 2016. New insight on crystal and spot development in hard and extra hard cheeses: association of spots with incomplete aggregation of curd granules. *Journal of Dairy Science*. 99:8, 6144-6156. DOI: <http://dx.doi.org/10.3168/jds.2016-11050>
5. Rollini, M., Nielsen, T., Musatti, A., Limbo, S. Piergiovanni, L., Hernandez Munoz, P., Gavara, R. 2016. Antimicrobial performance of two different packaging materials on the microbiological quality of fresh salmon. *Coatings* 6(1), 6; doi:10.3390/coatings6010006