

Project results – dissemination and exploitation of project results

January – December 2016

Scientific papers published in ISI journals

- 1) Oancea Simona, Călin F., Changes in total phenolics and anthocyanins during blackberry, raspberry and cherry jam processing and storage, *Rom. Biotech. Lett.* 21(1), 11232-11237, 2016.
- 2) Oancea Simona, Drăghici O., Grosu C., Evaluation of the antioxidant efficiency of berry extracts in sunflower oil, *Oxid. Commun.* Vol. 39, No. 1, 132-144, 2016.
- 3) Oancea Simona, Drăghici O., Ketney O., Changes of total anthocyanin content and antioxidant activity in sweet cherries during frozen storage, and air-oven and infrared drying, *Fruits* 71(5), 281-288, 2016.

Scientific papers published in journals indexed in International Databases

- 1) Coman D, Vrinceanu N., Oancea Simona, Investigation of ecofriendly ultrasonic coloring with natural dyes, *Academic Journal of Manufacturing Engineering*, vol. 14, issue 2, 40-45, 2016. ISSN 1583-7904 http://www.auif.utcluj.ro/images/V14_2/Vol_14_issue2_2016
- 2) Coman D., Vrinceanu N., Dinu M., Cipăian R.C., New alternative in the methodology of extraction and dyeing with active molecules derived from vegetal sources, *Procedia Technology*, vol. 22, 2016, p.187-194. Elsevier, ISSN: 2212-0173 doi: 10.1016/j.protcy.2016.01.043, <http://www.sciencedirect.com/science/article/pii/S221201731600044X> <http://www.sciencedirect.com/science/journal/22120173/22/supp/C>
- 3) Coman D, Vrinceanu N., Oancea Simona, Rimbu C., Coloristic and antimicrobial behaviour of polymeric substrates using bioactive substances, *IOP Conf. Ser.: Mater. Sci. Eng.* (MSE) vol. 145, 1-8, 2016. Advances in Composite Materials and Technologies. DOI <http://dx.doi.org/10.1088/1757-899X/145/3/032003> <http://iopscience.iop.org/article/10.1088/1757-899X/145/3/032003/meta>

Papers presented at scientific conferences/congresses;

- 1) Coman D, Vrinceanu N., Oancea Simona, Rimbu C., Coloristic and antimicrobial behaviour of polymeric substrates using bioactive substances, *IOP Conf. series: Materials Science and Engineering* 145, 1-8, 2016. *IOP Conference Series: Materials Science and Engineering*, Volume 145, *Advances in Composite Materials and Technologies*, <http://iopscience.iop.org/article/10.1088/1757-899X/145/3/032003/meta> *Proceedings of ModTech International Conference - Modern Technologies in Industrial Engineering IV*, 15–18 June 2016, Iasi, Romania.
- 2) Oancea Simona, Mila L., Ketney O., Stoia M., Conventional extraction and content of anthocyanins from Romanian lyophilized red cabbage, 6th EuCheMS Chemistry Congress, Section of Food Chemistry, organized by European Chemical Sciences, National Chemical Society of Spain, ANQUE, 10-14 September 2016, Seville, Spain. Abstract 104. <http://euchems-seville2016.eu/congress-program/>
- 3) Stoia M., Avram R., Oancea Simona, Comparison between pure and blended green tea in terms of antioxidant compounds, 6th EuCheMS Chemistry Congress, Section of Food Chemistry, organized by European Chemical Sciences, National Chemical Society of Spain, 10-14 September 2016, Seville, Spain. Abstract 105. <http://euchems-seville2016.eu/congress-program/>

Involvement of young researchers in disseminating results

- Participation of student with oral presentations at the *Student symposium*, Faculty of Engineering, University "Lucian Blaga" of Sibiu, Romania: student presentation "Posibilitati de functionalizare a suporturilor textile pentru aplicatii industriale" coordinated by Coman Diana;
- Participation of student with oral presentations at the *Student symposium*, Faculty of Engineering, University "Lucian Blaga" of Sibiu, Romania: student presentation "Abordari moderne privind innobilarea produselor textile prin finisari speciale" coordinated by Coman Diana.