

Project progress

The 2017 progress report for the project has been submitted and awaits approval of our project officer in REA. We thank all of you for the contributions you made to the report. The report is available in the Sharepoint site.

The minutes from the Supervisory Board meeting held 26 January 2017 are also available in the Sharepoint site.

Davide Gottardi ended his BIBAFOODS fellowship with ProDigest AB by mid-September 2016, but he is still employed in the company. Davide has published a review on the use of SHIME® for studies of the fate of food ingredients and molecules in the gastrointestinal tract in Agro FOOD Industry Hi Tech 27 (see articles published below), and is currently working on another manuscript.

Several papers have now been published by BIBAFOODS fellows – a list is available at the end of this newsletter. Please let us know when you have updates, as we need to report all publications to REA at the end of the project period early 2018.

Website

There are short descriptions of each work package and project at the BIBAFOODS website – but they need your attention!

We would greatly appreciate if you could take some time before the end of your employment in BIBAFOODS to make a **short abstract of your project** to replace the present descriptions. The abstract should be written in a way that is comprehensible for non-specialists – you can also add figures or pictures if you like. Bear in mind that the website is public, so of course you should not write about non-published results. The descriptions are found here:

<http://bibafoods.ku.dk/about/wp1/>
<http://bibafoods.ku.dk/about/wp2/>
<http://bibafoods.ku.dk/about/wp3/>

The project descriptions will stay in the website for a period after the closure of the project.

The website has also been updated with the **conference and outreach activities** as reported in connection with the 2017 progress report. The list is available at:

<http://bibafoods.ku.dk/conferences-and-outreach/>

Communication tips

The EU commission has made available a series of 9 videos on science communication activities, called the [EU Guide to Science Communication](#).

The videos contain tips on how to do outreach. Many of you are already doing a great job in this, but you might get inspired to do more, or something else than you have already planned.

Things to do when your fellowship is ending

Individual Career Development Plans

At the end of the fellowship, all fellows should report on the career development plan summarizing how it went. Link to the entire template also covering the initial CDP and containing guidance notes can be found at the bottom of the following website under the heading: 'Information for recruited researchers':

<http://ec.europa.eu/research/mariecurieactions/funded-projects/initial-training-networks>

Please note that the CDP should be signed by the fellows and their supervisor and be handed over to the administration in the organization, where the fellows have been employed. In case of a future audit and/or site visit by the European Commission, the CDP proves that the fellows have been employed by and worked on the BIBAFOODS project.

Evaluation questionnaires

At the end of the employment, it is also time to complete yet another questionnaire through this link:

<https://webgate.ec.europa.eu/sesam-fp7/questurl.do>

Choose the following options/write the following in order to get to the questionnaire:

- MC-Support for training and career development of researchers (Marie Curie)
- MC-ITN-Networks for Initial Training (ITN)
- Evaluation Questionnaire
- Project ID: 606713

Two years after the end of the BIBAFoods employment, all fellows will be contacted again regarding a follow-up questionnaire. The European Commission would like to know how the BIBAFoods project benefitted the fellow's career.

If you have any questions about the CDP or the evaluation questionnaire, you are welcome to contact Henriette or Line and we will do our best to help you.

Best regards,

Jens Risbo
Line Rose Lenskjold
Henriette Hansen

Articles published

A.P. Dabkowska, C. Hirst, M. Valldeperas, L.A. Clifton, C. Montis, S. Nöjd, L. Gentile, M. Wang, G.K. Pálsson, S. Lages, D. Berti, J. Barauskas, T. Nylander (2017): Temperature responsive lipid liquid crystal layers with embedded nanogels. *Chem. Commun.*, **53**, p. 1417-1420. DOI: [10.1039/C6CC09426K](https://doi.org/10.1039/C6CC09426K).

Cigdem Yucel Falco, Javier Sotres, Ana Rascón, Jens Risbo, Marité Cárdenas (2017): Design of a potentially prebiotic and responsive encapsulation material for probiotic bacteria based on chitosan and sulfated β -glucan. *Journal of Colloid and Interface Science* **487**, p. 97-106. DOI: [10.1016/j.jcis.2016.10.019](https://doi.org/10.1016/j.jcis.2016.10.019).

D. Gottardi, P. Van den Abbeele, M. Marzorati (2016): Use of the simulator of the human intestinal microbial ecosystem (SHIME[®]) to study the fate of food ingredients and actives. *Agro FOOD Industry Hi Tech* **27(5)**, p. XXII-XXIV.

Fernanda B. Haffner, Roudayna Diab, Andreea Pasc (2016): Encapsulation of probiotics: insights into academic and industrial approaches. *AIMS Materials Science* **3(1)**, p. 114-136. DOI: [10.3934/matsci.2016.1.114](https://doi.org/10.3934/matsci.2016.1.114).

Fernanda B. Haffner, Maxime Girardon, Mathieu Etienne, Stephane Fontanay, Nadia Canilho, Raphael E Duval, Maciej Mierzwa, Roudayna Diab, Andreea Pasc (2016): Core-shell alginate@silica microparticles encapsulating probiotics. *J. Mater. Chem. B* **4**, p. 7929-7935. DOI: [10.1039/C6TB02802K](https://doi.org/10.1039/C6TB02802K).

Agatha Korytowski, Wassim Abuillan, Federico Amadei, Ali Makky, Andrea Gumiero, Irmgard Sinning, Annika Gauss, Wolfgang Stremmel, Motomu Tanaka (2017): Accumulation of phosphatidylcholine on gut mucosal surface is not dominated by electrostatic interactions. *Biochimica et Biophysica Acta (BBA) – Biomembranes* **1859(5)**, p. 959-965. DOI: [10.1016/j.bbamem.2017.02.008](https://doi.org/10.1016/j.bbamem.2017.02.008).

Sofia F. Prazeres, Carmen García Ruiz & Gemma Montalvo García (2015): Vibrational Spectroscopy as a Promising Tool to Study Enzyme-Carrier Interactions: A Review. *Applied Spectroscopy Reviews* **50**, p. 797-821. DOI: [10.1080/05704928.2015.1075207](https://doi.org/10.1080/05704928.2015.1075207).

Maria Valldeperas, Małgorzata Wiśniewska, Maor Ram-On, Ellina Kesselman, Dganit Danino, Tommy Nylander, and Justas Barauskas (2016): Sponge Phases and Nanoparticle Dispersions in Aqueous Mixtures of Mono- and Diglycerides. *Langmuir* **32(34)**, p. 8650-8659. DOI: [10.1021/acs.langmuir.6b01356](https://doi.org/10.1021/acs.langmuir.6b01356).

Book chapters published

Poonam Singh, Hugo Duarte, Luís Alves, Filipe Antunes, Nicolas Le Moigne, Jan Dormanns, Benoît Duchemin, Mark P. Staiger and Bruno Medronho (2015): From Cellulose Dissolution and Regeneration to Added Value Applications — Synergism Between Molecular Understanding and Material Development. In: *Cellulose - Fundamental Aspects and Current Trends*, Dr. Matheus Poletto (Ed.), ISBN: 978-953-51-2229-6, InTech, DOI: [10.5772/61402](https://doi.org/10.5772/61402).