



Maria Skłodowska Curie Actions - Research and Innovation Staff Exchange

## **H2020-MSCA-RISE-2015 - FORMILK**

Third project meeting

10<sup>th</sup> June 2018, Gellért Hotel, „Forrás“ meeting room, 1114 Budapest,  
Szent Gellért tér 2., Hungary

### **MINUTES**

The third project meeting and agenda have been announced well in advance. Meeting started on time and was performed in the presence of majority of principal investigators (PI) or their representatives as well as researchers (meeting attendance list is enclosed). The agenda of the meeting was approved in advance by Dr. T. Jacquin (agenda is enclosed).

#### **1. Welcome and first progress report**

Project coordinator, prof. T. Hianik of Comenius University (CUB), opened the third project meeting, welcomed all participants and expressed his thanks to Dr. Zsofia Keresztes and her team for organization of the meeting as well as for organization of the forthcoming workshop. He pointed out once again that participation of PI at project meeting is mandatory and absence can be excused only in exceptional cases. Then he informed the audience in details about the first periodic project report. The report has been submitted in time prior end of February 2018. After comments from project officer the improved report has been submitted in May 2018. Finally the report has been approved in June 2018. Co-ordinator informed in details about the progress achieved in all work packages. In general the scientific objectives were fulfilled, however substantial effort would be necessary to complete all planned deliverables prior end of the project. He asked all WPs leader to carefully check the objectives, deliverables and milestones of respective WPs and follow strictly the plan of research and implementation. Substantial attention was paid to the publication activities, deliverables and milestones. In general the publication activity and presentation of the results at conferences was good. The deliverables and milestones of WP 1 were achieved successfully. Although the number of peer review papers published within WP 1 is less (2 papers published) than planned originally, the papers are substantially large in size, and contain complete description of the methodology, calibration procedures, theoretical advance, data analysis algorithms and examples of their application in monitoring of enzyme activity in milks developed within the project. T. Hianik also informed about progress in other WPs, i.e. in WP2-WP5. WP 2 is focused on detection proteases activity at surfaces. Good progress was achieved with two book chapters, 4 per-reviewed publications and large numbers of

presentations at scientific conferences. All deliverables and milestones of WP2 in reporting period were completed. WP3 is focused on transfer of technology. The objectives of this WP are continuously completed. Certain problem were encountered in preparation of database of end-users. According to the comments from the project officer this database should contain not only end users from the countries of consortium members but also from other EU countries. T. Hianik also pointed out that substantial effort should be focused on deliverable related to construction and validation of potentiostat prepared by Powertec, which is connected with fulfillment of the WP2 and WP3 objectives. T. Hianik mentioned that focus should be on validation of the instrument in real biosensors, using real milk samples and on extension of the potentiostat functions. Powertec in collaboration with RCNS and CUB should make substantial effort in this.

WP4 focused on organization of project meetings and schools is successfully ongoing. So far 3 project meetings, 3 workshops and one summer school have been organized. WP5 focused on project management fulfilled objectives successfully.

Special attention was made to the fulfillment of secondments. T. Hianik mentioned that there exist certain difficulties in Sonas, UCD and RCNS in performing secondments planed. In this respect the actualization of secondments plan was performed in May 2018 for remaining project period. According to this actualization and due to serious problems in Sonas with recruiting new permanent staff the researcher/months secondments of Sonas were shortened to the final amount of 10 instead of 19 planed in original proposal. The remaining 9 secondments were redistributed among CUB (8) and HDRI (1). It is assumed that Sonas should send back corresponding amount of the money to CUB administration, which will then redistribute the funding to the partners that will perform additional secondments.

Finally T. Hianik thanks to all PI as well as to all researchers involved in Formilk project for their contribution into the first periodic report.

## **2. Progress in WPs**

M. Dizon, who replaced at the meeting Prof. V. Buckin (leader of WP1) informed in details about the progress in WP1 focused on development of proteases activity in a volume. He also assured that revised plan of secondments is fulfilled successfully. T. Hianik pointed that more attention should be paid to the publication of the results of WP1 in per reviewed journals.

Prof. T. Hianik, the leader of WP2, informed in details about the fulfillment of WP2 objectives. WP2 is connected with development of detection proteases at surfaces. He mentioned that substantial progress has been achieved in development acoustic methods for detection plasmin and trypsin using new method of EMPAS available at University of Toronto as well as using acoustic method based on determination higher harmonics available in CNMS, Oak Ridge. He pointed out substantial contribution of Prof. M. Thompson (University of Toronto) as well as Dr. I. Ivanov from CNMS, Oak Ridge, USA, that supervised several seconded researchers mostly from CUB and RCNS. T. Hianik also informed that new User project entitled "Surface properties of self-assembled peptide and  $\beta$ -casein layers at presence of plasmin" (project No. CNMS2018-293) submitted to CNMS for the period August 1, 2018 to July 31, 2018 has

been approved. This give possibility to Formilk researchers to perform secondments in CNMS.

prof. T. Hianik informed also on the progress in WP3 instead of B. O' Driscoll who did not participated at the meeting. The information about this WP has been presented in coordinator report above.

Dr. Z. Keresztes, the leader of WP4, informed about the workshops and school already organized. She informed in details about the 4th project workshop entitled "From routine to novelty. Analysis methods in dairy industry", that is organized by RCNS in collaboration with HDRI on June 11, 2018 in RCNS, Budapest. In fact this workshop was planed for 4 year of the project. However, due to good progress in scientific achievements of Formilk it was decided to organize this earlier in order to involve potential end-users in possible collaboration. In fact 20 representatives from 14 companies of dairy industry confirmed participation. Most of them will contribute by oral presentations. RCNS will provide simultaneous translation from Hungarian to English and vice-versa.

Prof. T. Hianik, leader of WP5, then informed about this work package focused on project management. He reported that all objectives of this WP were fulfilled. The project meetings were organized according to the plan, first progress report and first periodic reports were prepared and submitted in time. The communication with all PI was conducted in periodic basis. If the problems with secondments or other issues were encountered e-mail or phone communications was arranged in order to solve the problems. The web page of the project was regularly updated.

### **3. Second summer school**

M. Dizon from UCD informed about second summer school that will be organized by UCD in collaboration with Brno University of Technology, Czech Republic in October 5-8, 2018. This school entitled "High-resolution ultrasonic spectroscopy for analysis of biomolecular processes" will include tutorial lectures and training course in modern analytical techniques. The first announcement has been already submitted and the web page established: <http://www.hrus2018.com/>. T. Hianik asked all project partners to actively participate in this school and sent there especially young researchers and PhD students.

### **4. Progress in secondments**

T. Hianik started the discussion about fulfillment of the revised plan of secondments. All PI presented at the meeting assured that revised plan is realistic and should be completed. T. Hianik pointed out that all PI should pay substantial attention also on preparation in advance the researcher declarations and their submission through participant portal not later than 20 days after staring the secondment. If user declaration was already submitted and PI would like to include some changes such as addition of new date, it is necessary to contact project officer Dr. T. Jacquin for re-opening researcher declaration. It is also mandatory to prepare all accompanying documents

such as, agreement on secondment, confirmation of secondment, notebook of secondment and report of secondment. The report of secondment and secondment notebook have to be sent to T. Hianik not later than by 10 days after finishing the secondment. He also pointed out that all PI should keep all documents confirming performance of secondments such as copies of travel tickets, boarding passes and confirmation of payment of accommodation.

T. Hianik also expressed his thanks to all PI for providing condition for sending and hosting Formilk researchers during secondments. He also mentioned that researchers from partner Institutions in USA and CANADA - CNMS, University of Toronto and UCSD can participate on secondments by sending their researchers into the partners institutions in Europe. So far this has been done only by CNMS. Dr. I. Ivanov sent researcher E.S. Muckley to CUB for 2 months in 2017.

## **5. General discussion**

Prof. T. Hianik informed about comments of project officer Dr. Thierry Jacquin on project implementation. In particular it concerns with database of end-users that according to the comments from project officer should be completed also by potential and users not only from Formilk partner countries but also from other EU countries. Dr. R. Kocsis from HDRI expressed his willingness to help with this. B.O' Driscoll, the leader of WP3, who did not participated at this project meeting has been informed about this request by e-mail. Deadline for updating database of end-user is October 31, 2018. During the discussion it has been agreed that consortium agreement (CA) should be revised. Special focus should be on Intellectual property rights (IPR). For this purpose T. Hianik will sent the CA to all PI for making comments or addition - deadline September 30, 2018. Dr. R. Kocsis expressed his willingness to ask HDRI jurist for checking the CA prior approval by PI.

T. Hianik also asked all PI to pay attention for dissemination of the results and propagation Formilk project in newspapers, other media as well as in open door days in universities and research institutions.

At the end of discussion T. Hianik thanks to all PI and Formilk researchers for participation at this project meeting.

The meeting was closed at 18,30.

T. Hianik

Bratislava, July 12, 2018



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**H2020-MSCA-RISE-2015 – FORMILK**  
**„Innovative technology for the enzyme activity in milk“**

Third project meeting

June 10, 2018,  
Gellért Hotel, „Forrás“ meeting room  
1114 Budapest, Szent Gellért tér 2., Hungary

**AGENDA**

14:00 - 14:30 Welcome and first progress report (T. Hianik)

**Progress in WPs and main tasks for second project period**

14:30-15:00 WP1 (V. Buckin)

15:00-15:30 WP2 (T. Hianik)

15:30-16:00 **Coffee break**

16:00 - 16:15 WP3 (B. O' Driscoll)

16:15-16:30 WP4 (Z. Keresztes)

16:30 - 16:45 Second summer school (V. Buckin)

16:45-17:15 Progress in secondments

17:15-18:15 General discussion

19:00 **Dinner**



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**H2020-MSCA-RISE-2015 – FORMILK 690898**  
3<sup>rd</sup> PROJECT MEETING

June 10, 2018, Hotel Gellért Danubius, Budapest

**ATTENDANCE**

No	Surname and first name	Institute	Signature
1	Wong Joseph	UCSD	
2	Mike Thompson	U Toronto	
3	Weis Martin	Powertec Ltd	
4	SPAGNOLO SANDRO	COMENIUS UNIV.	
5	SZABO KATALIN	MTKI Kft.	
6	Hucker Attila	MTKI Kft.	
7	JOHN BYRNE	CROSSCARE LTD.	
8	KOCSIS, ROBERT	HORI Ltd.	
9	ISTVÁN SZANKA	MTA TTK (RCS)	
10	FELHŐSI ILONA	MTA TTK (RCS)	
11	Mark Dizon	UCD, IRELAND	
12	OSVATH, ZSOFIA	MTA TTK (RCS)	
13	PÁVAI Mária ERZSÉBET	MTA TTK (RCS)	
14	TIBOR MIHÁLIK	Com. Univ	
15	MAREK TATARKO	COMENIUS UNIV	
16	KEERTEZ, ZSOFIA	RCS	
17	Maria Zlianiková	UK Bratislava	
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