



## Agenda

### 4th Management Committee Meeting

20th September, 2017, Thessaloniki

#### COST Action no. FA1403

#### Action Title: Interindividual variation in response to consumption of plant food bioactives and determinants involved (POSITIVE)

##### 1. Welcome to participants

The Chair of the action, Dr. Christine Morand, who chairs the meeting, welcomed the participants.

##### 2. Adoption of the agenda

*The meeting agenda proposed was adopted.*

##### 3. Approval of the minutes and matters arising of last meeting

• **The minutes of the meeting in Olsztyn, Poland** (available on the private part of the website of POSITIVE) were sent to MC Member.

**The MC approved:**

- Minutes of Working Group 1 (WG1)
- Minutes of Working Group 2 (WG2)
- Minutes of Working Group 3 (WG3)
- Minutes of Focus Group (FG)
- Minutes of Think Tank Group (TTG)
- Minutes of the Steering Committee (SC)

##### 4. Update from the Action Chair

###### a. Status of Action network

The chair presented to the MC the network in few points:

• To date, the network is composed of:

- 32 Cost Member countries, including 15 Inclusiveness cost countries, 1 cooperating state, 1 Near Neighbour country (similar to that of the previous year)
- 92 Research groups : including 6 additional research groups that have joined the action in 2016 (University of Agriculture in Krakow, Szent Istvan University, King's College, LC.SI RM Valcea, Istanbul University, Czech University of Life Sciences)

- the number of participants has shifted from 275 to 289.

### b. Action budget status

The 3rd GP of the action has been completed in April 2017, and now started the 4th GP of the Action which is running from May 2017 to April 2018.

#### Achievements of the 3rd GP:

Regarding budgetary aspects, the Action budget spent during GP3 was used:

- For 56% (60,5 k€) to organize 2 meetings and 1 scientific workshop: The 1<sup>st</sup> one was held together with the 2<sup>nd</sup> POSITIVE Scientific Workshop, at the Institute of Food Research in Norwich, UK. The 2<sup>nd</sup> WG meeting was held in Olsztyn, Poland, by the Institute of Animal Reproduction and Food Research of The Polish Academy of Sciences.  
In total 110 POSITIVE partners participated to these meetings, and 87 have been refunded by the Action.
- For 27 % (29 k€) to fund 12 STSMs
- For 8 % (8,64 k€) to organise in Barcelona (Spain) the 1<sup>st</sup> Training School of the Action, focused on metabolomics in nutrition research (12 trainees and 4 trainers).
- For the remaining 9% (9,71 k€) to pay Open Access for 4 publications resulting from WG work and involving at least 5 different participating countries as previously decided by the MC of the Action.

### c. STSMs status and new applications

Grantees	Gender	Home Institute	Host Institute	Topic
Francisco J. Madrid Gambin	M	University of Barcelona, <b>Spain</b>	Swedish University of Agricultural Sciences, Uppsala, <b>Sweden</b>	Development of methodology for plasma samples in the study of metabolic phenotyping
Nevena Kardum	F	University of Belgrade, <b>Serbia</b>	Institute of Food Research, Norwich, <b>UK</b>	Bioavailability of Aronia juice polyphenols and their effects on platelet function
Ville Koistinen	M	University of Eastern Finland, Kuopio, <b>Finland</b>	iBET -Universidade Nova de Lisboa, <b>Portugal</b>	Preparation of results from a ring analysis of analytical standards
Karen Chambers	F	Institute of Food Research, Norwich, <b>UK</b>	CEBAS-CSIC, Múrcia, <b>Spain</b>	Training in meta-analysis to assess the impact of ellagitannins and anthocyanins on cardiometabolic biomarkers
Radu Tamaian	M	ICSI Rm.Vâlcea, Ramnicu Valcea, <b>Romania</b>	INRA Clermont, <b>France</b>	Virtual screening (docking) of plant bioactives against biomolecular targets involved in their nutrigenomic effects
Laurent-Emmanuel Monfoulet	M	INRA Clermont, <b>France</b>	Nestle Institute of Health Sciences, Lausanne, <b>Switzerland</b>	In silico prediction of interplays between flavanone metabolites and cell signalling-modulators in the vasculo-protective effect of polyphenols
Irina Uzhova	F	Centro Nacional de Investigaciones Cardiovasculares, Madrid, <b>Spain</b>	UCD Institute of Food and Health, Dublin, <b>Ireland</b>	Meta-analysis on the impact of phytosterols consumption on cardiometabolic biomarkers and the analysis of the inter- individual variation in response to consumption of food bioactives
Ditta Kolimar	F	Szent István University, Budapest, <b>Hungary</b>	University of Vienna, Vienna, <b>Austria</b>	Studying the relationship between microbiome genetic variation and polyphenol metabolic conversions
Hulya Ilyasoglu Buyukkestelli	F	Ege University, Izmir, <b>Turkey</b>	INRA, Micalis Institute, Rennes, <b>France</b>	Gut bacteria and polyphenol metabolism
Irena Krga	F	University of Belgrade, <b>Serbia</b>	University of Antwerp, <b>Belgium</b>	Extraction of nutrigenomics data from published papers for identification of cellular and molecular targets of plant food bioactives underlying their cardiometabolic health
Tatjana Ruskovska	F	Goce Delcev University, Stip, <b>Macedonia</b>	INRA Clermont, <b>France</b>	Bioinformatic analysis of nutrigenomics data of plant food bioactives extracted from in-vitro and in-vivo studies
Ana Jelenkovic	F	University of Belgrade, <b>Serbia</b>	University of Glasgow, <b>UK</b>	Meta-analysis training and its application in evaluating polyphenols' effects on cardio-metabolic health

On the 12 STSM granted, 11 were young scientists, and 7 in direct link with WG activities.

The budget allocated for STSMs during the GP3 allows to fund at least 8 STSMs of 2 500 € each.

After the 5th call, we received applications for 3 STSMs, 2 have been already completed the third one is ongoing.

The official deadline for application to the call 6 is October 31. However, if after the meeting in Thessaloniki, The WG Leaders identified Special STSM on topics in direct link with their WG in order to help in the progression of the activities ongoing within the subgroups, a special call for applications will be launched ASAP. The budget still available for GP4 is enough to fund at least 5 STSMs.

#### **d. COST Action website**

The POSITIVE Website continues to be hosted and maintained by the GH.

Since last May, some changes have been made on the home page to allow visitors to quickly have a look at the last productions of the Action, (<https://www6.inra.fr/cost-positive/>)

In addition, the dissemination page has been modified to make easier the access to the outcomes of the Action (including pdf of published reviews, newsletter, teasers, webinars...) (see at: <https://www6.inra.fr/cost-positive/Dissemination>)

### **5. Promotion of COST Policies (Inclusiveness Target Countries, Gender Balance, ECIs),**

#### **Inclusiveness Target Countries:**

During the GP3, 218 invitations were sent, 110 partners attended the meetings on which 86 were funded on POSITIVE budget and 43% were for ITC attendees. This shows a positive balance between the rate of cost funded partners from ITC and the level of representation of research groups from ITC in the network (36%).

One of the 2 WG meetings organized in GP3 was held in Poland, hosted by Dr Wiczowski and Iwona Kieda from the Institute of Animal reproduction and Food Research of the polish academy of Science in Olsztyn.

On the 12 STSM funded, 7 were from ITC.

In term of budget, ITC benefited from 42% of the total budget of the action spent during GP3, indicating a positive balance when compared to the representation of partner research groups from ITC that reached 36%. Considering each COST Tool, ITC benefited of 43% of the budget spent for meeting, 21% for Training School and 61% for STSM.

#### **Earlier Career Investigators:**

Promotion of ECIs, is also well supported in POSITIVE.

The representation of ECIs in the POSITIVE network (32%) is well balanced with the participation of ECIs to WG meetings (33%). Since its beginning, POSITIVE promotes the TTG of ECIs and help in the development of managing and coordinating capacities of ECIs (rotating coordination with 2 ECIs per year ; collaborative work on a specific task)

The Action also and gives priority to ECIs for STSM (>80% grantees were young scientists) as well as for Training School (all the grantees of the 1st TS were young scientists).

#### **Gender Balance:**

Regarding Gender balance, the representation of men and women both at meetings and in the allocation of STSM is well balanced with the gender ratio in the network (38% male, 62% women).

### **6. Update from the Cost association**

#### **New COST Tool : Conference Grant**

From June 2017, the COST Association has created a new tool: Conference Grant targeting Inclusiveness countries. This Grant aims to help PhD students and ECIs from ITC to attend international conferences that are not specifically organised by the Action and concern the 15 ITC members of POSITIVE.

The criteria to be met to be eligible for the Grant are as follows:

- Conference Grants are **exclusively reserved** for PhD students and ECI's with a primary affiliation in an institution located in an ITC.

- The applicant **must make an oral/poster presentation** at the conference in question and **must be listed in the official event/conference programme**. The main subject of the oral presentation / poster at the approved conference **MUST be on the topic of the Action** and must acknowledge COST (see vademecum Section 9).

- The participation of each applicant **must be pre-approved** by the Action MC or an appointed Coordinator / Committee. Attendance at European conferences is preferred.

### **Budget Amendment**

Because the ITC Conference grants were not available at the time of the preparation of the WBP, the COST has decided to re-allocate an additional budget of +12 642€ to this tool for the current GP.

The maximum amount of the Grant allowed by the COST can reach a maximum of 2500€ in total can be afforded to each successful applicant, but it is also specified that the allocated grant do not necessarily cover all the expenses but constitutes a contribution to the overall expenses. In consequences, for POSITIVE, to increase the number of beneficiaries from this Grant from 5 to 8, the chair suggests to the MC to set the maximum lump sum of the Grant at 1 500€ for a conference in Europe and to 2 000€ for a conference outside Europe.

C. Morand ask MC if they approved this suggestion.

***The MC has approved the proposed amounts for ITC Conference grants***

### **Management and selection of the ITC Conference Grant**

Dr Aleksandra Konic-Ristic (AKR) our STSM coordination has kindly accepted to also coordinate Conference Grant applications.

However, in case of the number of applicants will be too high compared to the budget available, the chair proposes that AKR can be helped in the final decision by the Vice-chair. This measure will avoid any potential conflicts of interest.

C. Morand ask MC if they approved that the application review for final decision will be taken by the STSM coordinator assisted by the co-chair if needed.

***The MC has adopted this suggestion to manage ITC applications.***

## **7. Follow-up of MoU objectives - GP3**

To respond to the objectives of the Action, the Work Plan established for GP3, included general goals and several scientific goals for each WG.

### **General Goals** *(related MoU objectives: primary, secondary 9,10,11,14)*

1. Favor exchanges/interactions between partners (including ECIs)
2. Reinforce the visibility of the Action among the whole scientific community

### **General Goals – Achievements:**

- the 1st one was to favour the exchanges/interactions between partners including ECIs ; for that 2 WG meetings have been organized and 12 grants attributed for STSMs. In addition, the TTG of ECIs has identified and worked on a specific project in direct link with the objectives of the action. This collaborative project involving a dozen of young scientists, consists to establish a quality index to evaluate inter-individual variability reporting in papers and propose recommendations for how to report data on inter-individual variability. The work has well advanced and a paper is foreseen in the coming months.

- the second goal was to strengthen the visibility of the action to the whole scientific community. Several initiatives have been undertaken in that way, including the organisation of the 2<sup>nd</sup> scientific cost workshop In Norwich, jointly to the 1<sup>st</sup> international conference on Food Bioactives and Health that gathered 250 participants. In addition, a collaborative position paper on the topic of the Action, as well as 3 collaborative reviews or meta-analysis resulting from the WG activities have been published in peer reviewed scientific journals and all of them are in open access.

**Goals WG1 (Leader Tom van de Wiele)** (related MoU objectives: primary, secondary 1,4,7, 9, 10)

3. Establish a detailed database on determinant specific information for selected bioactive compounds
  4. Identify key genes and enzymes related to human and gut microbial biotransformation with major importance for IVA in ADME of selected bioactive compounds
  5. Develop a framework that focuses on targeted metabolomics that can be applied to assessing IVA in ADME of selected bioactive compound classes, including an assessment of the analytical coverage of key bioactive metabolites and improvement of existing online resources
  6. Extend the use of metabolomics in the community of plant bioactive compounds compound classes
- Regarding the 2 general goals identified for the GP3 and their achievement

**Goals WG1 – Achievements:**

Literature survey concluded for 7 plant bioactive subgroups

- 1 review paper accepted (carotenoids), 3 finalized / submitted (flavonols, phenolics, lignans)
- 2 STSMs on microbiome variability concluded (U Vienna, INRA)
- Inter-laboratory trial testing analytical coverage
- 1 STSM on metabolome activity on analytical coverage

**Goals WG2 (Leader Ana Rodriguez-Matéos)** (related MoU objectives: primary, secondary 2)

7. Continue the assessment of the inter-individual variability (IV) in selected clinical biomarkers of cardiometabolic risk in response to selected bioactives consumption, and identify potential factors contributing to variability for: (i) flavanols ; (ii) anthocyanins and ellagitannins ; (iii) flavonols
10. Initiate the assessment of inter-individual variation in selected clinical and molecular biomarkers of cardiometabolic risk in response to consumption of plant sterols
11. Identify cellular and molecular targets related to cardiometabolic health to be covered as well as tools and methods for their analysis

**Goals WG2 – Achievements:**

- Completion of meta-analysis of RCT related to the assessment of IV in clinical biomarkers of cardiometabolic risk in response to flavanols, anthocyanins, ellagitannins and flavonols.
- 2 manuscripts were published in the journal *Nutrients* this year, and 4 additional ones are currently being drafted. A meta-analysis investigating the IV in response to plant sterols is currently ongoing.
- Completion of framework agreement for data sharing of relevant datasets for analysis of IV in response to food bioactive consumption.
  - Preparation of the 2<sup>nd</sup> Training school focused on nutrigenetics/nutrigenomics
  - Identification of Cellular and molecular targets from:
    - in-vitro studies: papers for flavanols identified, extraction of the data ongoing; papers for carotenoids extracted
    - Animal studies: papers for flavanols identified and data extracted
    - Human studies: papers identified, screened and data extracted

**Goals WG3 (Leader Baukje de Roos)** (related MoU objectives: primary, secondary 10, 11)

12. Identify and prioritise deliverables that are most important for each of the different stakeholders and end-user groups
13. Formation of subgroups including trans-WG subgroups to develop specific activities in line with the objective of WG3, and initiation of their activities
14. Preparation of communication materials for stakeholders and end-users interested in the field of the Action (**collab with FG**)

**Goals WG3 – Achievements:**

- Completion of questionnaire by 84 stakeholders and end-users. Presentation of results during 5th WG meeting in Olstzyn (February 2017)
- Formation of dissemination subgroup (development of webinars) and on-line tool subgroup (cross-European BSc/MSc student project)

- Preparation of the talk to be given at the Vitafoods 2017 meeting, of the publication for stakeholders/end-users (interview with the New Food Magazine, publication for World of Food Ingredients)

### **Goals FG (Leader Mayte Garcia Conesa)** (related MoU objectives: primary,, secondary 10, 11, 14)

14. Keep updated the website on all issues relevant to the Action

15. Continue the production of the newsletter

16. Initiate and prepare dissemination means to communicate the main objectives and activities of the Action to (i) Food Industry ; (ii) General audience (**collab with WG3**)

#### **Goals FG – Achievements:**

- Web site regularly updated
- Third and Fourth edition of the POSITIVE newsletter
- Manuscript in preparation on the results of a previous Questionnaire distributed at local events for the general audience in Spain (to be published before March 2018)
- Preparation of an improved questionnaire

### **POSITIVE dissemination during GP3**

#### **Scientific Publications :**

together with the collaborative position paper addressing the topic of the Action that has been published in *Molecular Nutrition and Food Research* (open access), the networking activities displayed in WG1 and WG2 have also led to the publications of 3 collaborative reviews in scientific reviews of good impact: *Nutrients*, *MNFR* and *Advances in Nutrition*. Thanks to the budget of the Action, these papers are in Open access and the pdfs are available on the website of POSITIVE.

#### **Newsletter :**

As for the previous GPS, The FG has coordinated the production of 2 issues of the POSITIVE newsletter (June 2016, December 2016) providing to the POSITIVE community a regular update of the activities and research developed both in the network and in partners labs.

#### **Other dissemination and outreach activities:**

- The Action has put available online for POSITIVE partners the webinar sessions which were an integral part of the 1st TS School of the Action focussing on the Use of metabolomics in Nutrition Research.
- Organisation of the 2<sup>nd</sup> Scientific workshop of the Action as a part of the 1st International Conference on Food Bioactives and Health. This conference has attracted more than 250 participants from all over the world and a full plenary session of the Conference was dedicated to the COST Action. For this COST session 2 international experts in genetic polymorphisms and inter-individual variations were invited, the leaders of WG 1 and 2 have presented the progress of the activities in their respective WGs, and 6 Oral communications have been given by POSITIVE WG members on research developed in the field of the Action.
- Using the slides prepared by the FG, several POSITIVE partners, invited as speakers in large events targeting industry, have taken the opportunity to introduce the COST Action POSITIVE:
  - DETROP, the International Exhibition of Food & Beverage Industry (Thessaloniki, 3-6 March, 2017) that has attracted attendees from the European Union, Asia and Middle-East, Russia and USA.
  - 1st Edition of the NUTRACEUTICALS Europe Summit & Expo gathered more than 2000 professionals in the sector of the functional and novel ingredients from all over Europe.

#### **Other POSITIVE achievement – Mid-term report:**

The Action has produced in last December, its mid-term progress report. The evaluation report was very positive ensuring the Action funding until its termination in Dec 2018. The report and review are both available at :

[http://www.cost.eu/COST\\_Actions/fa/FA1403](http://www.cost.eu/COST_Actions/fa/FA1403)

## 8. Action planning – GP4

### a. Scientific strategy

#### Work Plan – GP4

In last April, the SC has prepared the 4th Work Plan (WP) of the Action (running from May 2017 to April 2018) and this WP (goals detailed below) has been approved by the MC.

#### General Goals *(related MoU objectives : primary, secondary 9,10)*

1. Favor exchanges/interactions between partners (including ECIs) & Favor the leadership capacity of ECIs

#### WG1 Goals *(related MoU objectives : primary, secondary 1,4, 5,6, 7)*

2. Establish a detailed database on determinant specific information for selected bioactive compounds
3. Identify key genes encoding biotransformation enzymes and transport proteins from human and gut microbial origin with major importance for IVA in ADME of selected bioactive compounds
4. Develop a framework that focuses on targeted metabolomics that can be applied to assessing IVA in ADME of selected bioactive compound classes, including an assessment of the analytical coverage of key bioactive metabolites and improvement of existing online resources
5. Application of a framework to identify determinants from metabolome and gut microbiome that allow stratification of individuals according to metabotypes
6. Best practices for data presentation in publications to allow knowledge generation from individual ADME data.

#### WG2 Goals *(related MoU objectives : primary, secondary 2,5,7,8)*

7. Continue the assessment of the inter-individual variability in selected clinical biomarkers of CMD risk in response to selected bioactives consumption, and identify potential factors contributing to variability regarding: (i) flavanols; (ii) anthocyanins and ellagitannins; (iii) hydroxycinnamic acids; (iv) plant sterols
8. Identify cellular and molecular targets of plant foods related to CMD health to be covered: (i) in humans from clinical trials; (ii) from in vitro and in vivo studies for flavanols ; (iii) using in-silico docking approach ; (iv) for carotenoids, anthocyanins, flavonols and ellagitannins from in vitro and animals studies
9. Merge databases to undertake statistical analysis to determine factors influencing inter-individual response to some flavonoids consumption on CMD risk factors
10. Identify major genes related to cardiometabolic health and known SNPs

#### WG1+WG2 Goals *(related MoU objectives : primary, secondary 7,9,10)*

11. Extend the Use of Nutri (Epi)-genomics and Nutrigenetics in the community working in plant bioactives and Health

#### WG3 Goals *(related MoU objectives : primary, secondary 11,14)*

12. Development of the basics of a 'decision-tree'-style on-line tool
13. Dissemination of key findings of the COST Action to stakeholders and end-user groups.

#### Goals FG *(related MoU objectives : primary, secondary 10, 11, 14)*

14. Keep updated information at the website on all issues relevant to the COST Action
15. Reinforce the visibility of the Action among the whole scientific community
16. Prepare dissemination means to communicate the main objectives and activities of POSITIVE to the general audience

#### Goals WG3 + FG *(related MoU objectives: primary, secondary 11,14)*

17. Develop communication materials to illustrate successful interactions between academia and stakeholders and end-user groups
18. Develop dissemination means to communicate the main objectives and activities of POSITIVE to the Food Industry

#### Goals TTG *(related MoU objectives: primary, secondary 7,9,10)*

19. Establish a quality index to evaluate how inter-individual variability in response to plant food bioactives is reported
20. Prepare and manage the scientific part of the 3rd COST Scientific Workshop
21. Keep updated information on all issues covered by the TTG-EICs that are relevant for the COST Action
22. Continuing the monthly online meetings of TTG

### **Scheduled events in WP-GP4** (from May 2017 to April 2018)

- Thessaloniki, the joint meetings of WGs and MC, together with the 3<sup>rd</sup> Scientific Workshop of POSITIVE focussed on « Omics breakthroughs in the health effects of plant food bioactives »

The workshop is also tightly linked to the 2<sup>nd</sup> Training School focused this year on the “Use of Nutrigenetics and nutri-epigenomics in Nutrition research” and the practical part of this 2<sup>nd</sup> TS will be held here in Thessaloniki in keeping with the workshop.

- Dubrovnik 7<sup>th</sup> WG meetings in early March 2018 (hosts: Drs Knezevic and Rimac Brncic)

#### **b. Action budget planning – GP4**

The total budget available for Science expenditure, just over 147 826€ has been distributed between the different COST instruments as follows:

- 60% to organise 2 WG meetings and 1 scientific workshop. In total about 110 partners are expected to benefit from COST funds to attend these events.
- The cost of the TS including expenses of trainers and grants for 20 trainees has been estimated at about 20 000€.
- The budget allocated for STSMs allows the funding of at least 8 STSMs of 2500€ each.
- As explained previously the COST has given additional budget which will be used to allocate several conference grants (5 or 8) for young scientists from ITC.
- The remaining budget 7 400€ has been provided to fund Open access licenses for publications.

With the aim to optimize the use of the budget of the Action and avoid losing unspent funds that will not be reported over the last Grant Period, the chair asks to the MC the possibility to give a delegation to the SC to :

- re-allocate freely the remaining budget of Thessaloniki (meeting + TS) and that of dissemination meeting between the other networking tools over the GP
- to re-allocate freely the remaining budget of STSM and ITC Conf Grant not used or attributed by the end of 2017 to fund additional open access licenses and/or invite more partners to the meeting in Duvbrovnik.

***The MC agrees to give delegation to the SC to re-allocate freely the budget over the GP.***

### **2<sup>nd</sup> Training School – GP4 Scheduled events in WP-GP4**

Following the WG meeting and Workshop in Thessaloniki, the Action organises on place the practical part of its 2<sup>nd</sup> TS dedicated to the Use of Nutrigenetics and Nutri-epigenomics approaches in Nutrition Research. This part is firmly backed by the Scientific Workshop and the theoretical webinars (September 2017).

This TS has been organized by a committee of 4 POSITIVE partners (from WG1 and WG2) who are experts in the field of nutrigenetics and nutri(é)epigenomics). Before the practical TS, the Committee has proposed first a serie of 4 webinars given by international experts to the attention of POSITIVE partners interested in the field (available on POSITIVE website at : <https://www6.inra.fr/cost-positive/Trainings-Webinars>)

For the practical part of the TS, the Action has invited 3 trainers experienced in these approaches and in system biology to initiate 19 POSITIVE partners (from 13 partner countries) interested to develop these approaches in their lab.

#### **c. Dissemination planning – GP4**

### **Scientific publications**

The 4th paper co-signed by 11 research groups that has been accepted for publication in last June.



In addition, 8 reviews are in preparation in the WGs and they are expected to be submitted during this GP (before May 2018) :

WG1 :

1. Flavonols: Filipa Almeida et al., A comprehensive review on the bioavailability of quercetin in humans with a focus on inter-individual variation, *submitted to Comprehensive Reviews in Food Science and Food Safety*
2. from the Phenolic acids subgroup
3. from the Lignans subgroup

WG2:

4. Meta-analysis on the effects of flavanols on blood pressure and endothelial function: factors affecting IV
5. A meta-analysis on the effects of flavanols on glucose, Insulin, HOMA-IR and Hb1Ac: assessment of IV
6. A meta-analysis on the effects of anthocyanins on cardiometabolic biomarkers: factors affecting IV
7. A meta-analysis on the effects of ellagitannins on cardiometabolic biomarkers: factors affecting IV

TTG :

8. Guidelines to better report inter-individual variability in response to plant bioactive consumption

In addition to the reviews that are well under way, a dozen of other papers is foreseen before the end of the Action.

C. Morand reminds that to take benefit from the Action for paying Open Access licenses for publication, it is mandatory to have papers accepted no later than September 2018. Indeed, after the Final Conference of the Action (and even if the end date of the Action is only December 2018), no more COST funds can be used.

That means that all efforts must be done during the 12 next months to finalize a maximum number of reviews.

### **POSITIVE Newsletter**

5<sup>th</sup> newsletter was published in June 2017, the 6<sup>th</sup> will be finalized in December 2017.

### **Dissemination towards industry**

This Year POSITIVE has also started its communication towards Industry, the Action was invited to participate to Vitafoods Europe, the annual event where the entire nutraceutical sector is present.

Dr Baukje de Roos our leader of WG3 has been invited by the organizers of this to give a talk to present the topic addressed in POSITIVE. Following her participation to VitaFood Europe, Baukje de Roos has also been invited to propose a paper about plant based foods and personalized nutrition for the Journal 'The World of Food Ingredients' which constitutes a specialist international journal for beverage and food product developers.

### **Other dissemination and outreach activities**

TTG : 3<sup>rd</sup> Scientific Workshop

WG1 + WG2 : The webinars of the 2<sup>nd</sup> Training School (Use of Nutrigenetics and Nutr(Epi)-genomics in Nutrition Research) given by international renowned experts are available online on the website of POSITIVE.

FG: dissemination at the ICPH 2017 (Quebec, Canada, October) : distribution of POSITIVE flyers in the Conference bags, presentation of the poster of the Action, POSITIVE newsletters available for attendees. Several invited speakers of the Conference who are also members of POSITIVE will introduce the Action in their talk.

Other activities foreseen in GP4

WG1 : Webinar on Phytohub and e-basis

Webinar on screening microbial genes of interest and screening human microbiome databases.

WG3: Small videos to highlight success stories of collaboration between academic and commercial partners

## **9. Location and date of next meeting**

- 6-8 March 2018, Dubrovnik, Croatia  
7th WG meetings : 2 full-day meetings WG1, WG2, WG3, FG, TTG, SC  
Local organisers : Dr Nada Knezevic, Director of Regulatory Affairs Department & Dr Suzana Rimac Brncic, University of Zagreb

## 10. Summary of MC Decisions

- ***Adoption of the agenda of the 4th MC meeting – FA 1403***
- ***Approval of the last:***    ***WG1 minutes***  
                                  ***WG2 minutes***  
                                  ***FG minutes***  
                                  ***TTG minutes***  
                                  ***SC minutes***
- ***Approval of the ITC Conference Grants up to 1 500 € in Europe and 2 000 € outside***
- ***Approval for application review for final decision about ITC Conference Grant by the STSM coordinator and the co-chair***
- ***Approval for delegation to the SC to re-allocate freely the remaining budget of Thessaloniki (meeting + TS) and that of Dissemination meeting between the other networking tools over the GP***
- ***Approval for delegation to the SC to re-allocate freely the remaining budget of STSM and ITC Conf Grant not used/attributed by the end of 2017 to fund additional open access licenses and/or invite more partners to attend the meeting in Dubrovnik.***

## 11. Closing

Appendix : Attendance list 2<sup>nd</sup> MC Meeting