



ISOTOPICS



ISOTOPIC LABELING FOR DRUG INNOVATION

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DELIVERABLE

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SUMMARY: Information about the communication and presentation skills of ESRs developed during the ISOTOPICS training

ANNEXE: Workshop evaluation by the trainer (Ray Horn, ALM FORMATION SARL)

Version	Date	Status	Description
0.1	01/10/2016	Draft	Structure of the document
1.0	13/01/2017	Final	Approved by the Coordinator; submitted to the REA



Entity Short Names

	Institution name
CEA	French Alternative and Atomic Energy Commission
UOXF	University of Oxford
KI	Karolinska Institute
CNRS	French National Center for Scientific Research (INSA Toulouse)
ULG	University of Liège
UCB	UCB Biopharma
AZ	AstraZeneca
SAN	Sanofi-Aventis Deutschland GmbH

Communication and presentation skills

The ESRs will have several opportunities during their PhD fellowship to communicate about their research project.

Therefore, during the 1st Training session (at CEA Saclay, 21-23 November 2016), a 4-hour workshop was organised about communication and presentation skills (“public speaking” workshop). It was conducted by a trainer (Ray HORN, ALM FORMATION SARL) experienced with teachings about communication dedicated to PhD fellows.

The trainer tackled several topics and ESRs had to face situational scenarios:

- general framework of communication for academics
- two relevant language features: pronunciation (vowels) and word/word group stress
- non-verbal communication, content (organisation, structure)
- preparing and managing a presentation.

All ESRs were satisfied about this highly interactive training and the trainer was well rated. The trainer stated that the “activities seems to have been successful”.

See ANNEXE: Workshop evaluation by the trainer (Ray Horn, ALM FORMATION SARL).

The techniques and skills explained during this training will be used and improved by the ESRs during the whole implementation of the project at several occasions:

Presentations during team meetings

There will be regular exchanges inside the laboratory teams and with the Supervisor and Co-supervisor. These extensive discussions will lead the ESRs to communicate about their technical and scientific progresses.

In that purpose, ESR will be encouraged to take continuing educational courses in English but also in the language of their hosting country. For example at the CEA, French taught courses will be provided to the 4 hosted ESRs at least during the first year of the PhD Fellowship.

Oral communications at each ISOTOPICS Network Meeting

The 5 ISOTOPICS Meetings are expected to be organised every 6-8 months at different locations in Europe. All ESRs are supposed to attend these symposia.

Table of scheduled ISOTOPICS Meetings

Meetings	Lead Partner	Project Month
1 st ISOTOPICS Meeting in Paris	CEA	11
2 nd ISOTOPICS Meeting in Frankfurt	SANOFI	16
3 rd ISOTOPICS Meeting - Mid-Term Review in Oxford	UOXF	26
4 th ISOTOPICS Meeting in Stockholm	KI/AZ	34
5 th ISOTOPICS Meeting in Liège	ULG/UCB	42

The PhD fellows will definitively practice and improve their presentation skills by giving systematically oral communications to the ISOTOPICS consortium. During the meetings, these short talks will be the



starting point of discussion about the implementation of the ISOTOPICS project with all participants, including the Supervisory Board and the Advisory Board.

During the 1st meeting in Paris (24-25 November 2017), each ESRs had to give an oral communication of 15 minutes (followed by 5 minutes of questions) to introduce to the consortium their background and their PhD project.

Participation at other national and international symposia (oral communications or posters)

ESRs are expected to attend chemistry congress in order to acquire broad scientific culture. These scientific meetings will also be an opportunity to communicate about their research work. They will provide at least 2 oral and 2 poster communications in non-ISOTOPICS symposia throughout the PhD fellowship.

Popularisation activities

The European Charter for Researchers states that research projects will engage the public by communicating the importance and impact of their research and by identifying scientific priorities and public concerns. Thus, ESRs will contribute to communication actions (like laboratory open days). On each occasion, all ESRs will reinforce their communication skills and also act as MCSA Ambassadors to showcase the importance of EU in the funding and promotion of their research projects.

Upon completion of their PhD, all ESRs will be able to communicate and present results with ease and clarity, to adapt their message to the audience and to convey information in front of an academic or an industrial audience.

Workshop evaluation

Organisation:	Isotopics
Site:	CEA Saclay
Date:	21 November 2016
Workshops:	Doing a thesis, Speaking in public
Instructor:	Ray HORN
Number enrolled:	13

Summary, thesis workshop

Evaluation and management of skills — plus those still needed to complete PhD

The thesis as process— organisation, timeline, etc.

Research

Writing

Viva

Time management

To be included somehow next time: relations with thesis advisor, administration

Summary, public speaking workshop

General framework of communication for academics

Two relevant language features: pronunciation (vowels) and word/word group stress

Delivery —Voice, non-verbal communications...

Content — organisation, structure

Preparing and managing a presentation

To be included somehow next time — with more time: communication strategies such as que storytelling, argumentation...

Instructor's expectations/ View of results

The workshops were entirely satisfactory.

The programs were quite dense because of time limits, but the level, rhythm and quantity of material planned turned out to be appropriate.

The emphasis placed on sharing of experience and group-building activities seems to have been successful.

Material aspects (room, equipment...)

Fine. Excellent hospitality by Isotopics.

Participants

Excellent participation. The students were conscientiously involved throughout, manifesting constant interest and efforts in the exercises as well as in the discussions.

Relatively homogenous language level (low B2 to mid-C2 ???)

Overall, excellent "communicativity". They will all benefit from periods in Oxford.

To be considered:

- 1) Verification of writing skills and possible training in scientific writing in English
- 2) Monitoring of language needs during training in presentation skills

At your disposal for any additional information you may need.

Ray Horn

ALM-Formation