

Final Conference



1st IAC-LOC phone conference meeting

Present:

LOC: Dr. Thierry Stora, Prof. John Prior, Prof. Thomas E. Cocolios

IAC: Prof. Wolfgang Weber, Prof. Clemens de Cristoforo, Prof. Marco Durante, Dr. Markus Brugger, Prof. Martin Walter, Dr. Ulli Koester, Prof. Philippe Lambin, Dr. Cathy Cutler

Excused:

LOC: Ms. Cristina Ferrari, Dr. Andrea Mairani, Prof. Klaus Wendt, Dr. Ilyes Zahi

IAC: Prof. Koji Noda, Prof. Ferid Haddad

Documents introduced during the meeting:

Introduction to the Marie-Curie training network and agenda of meeting; request to IAC

Provisional agenda of the final conference

1st distributed flyer

Link to the documents:

<https://indico.cern.ch/event/764267/>

Minutes from the meeting :

Brief explanation of MEDICIS-Promed and request to the IAC, namely helping in shaping the scientific program of the final conference. **This final conference aims at placing the results of MEDICIS-Promed and the 15 research projects in a more global framework.**

Conference from 30th April to 4th May:

Suggestion by John Prior to start the conference with **two first days on Medical topics**, further endorsed by IAC. Suggestion by Thierry Stora to have the **third day with combined** topics to keep the spirit of translational research, the two last days will be kept for more **technology/science** oriented topics.

Proposal by Marco Durante and the IAC to **edit white paper-types, completed by contributed proceedings** for the conference. Possible journals which can be approached: Frontiers group (Frontiers in oncology, Frontier in Medicine), Journal of Radiation Research and Applied Sciences. Markus Brugger: Care should be taken on the open publishing policy, which can induce large costs. If gold open access is selected, fees can reach 2500\$/ article.

(Note added after the meeting: This is a very relevant point since we are aiming at submitting a H2020 European project on integrating infrastructures for starting communities in spring 2020 along non-conventional medical isotopes and physical mass separation process).

A List of potential invited speakers were put forward, covering the five different scientific disciplines as displayed in the flyer:

Accelerator techniques for medical isotope production :

Cyclotron vs Linac perspective :

Cyclotron: Jean Michel Geets, IBA

Linac : Holger Podlech (IAP Frankfurt) / Winfried Barth (GSI) / M. Vretenar (CERN)

S. Futukomo KEK Tsukuba, proposed but not known?

Devices and Engineering for isotopes handling:

Marco Calviani (from CERN) and Cathy Cutler

Methods for production of novel radioisotope in theranostics

Dr. Greg Severins (MSU), isotope harvesting at FRIB; Cathy Cutler, Ferid Haddad

Radioisotope beams in hadron therapy

Marco Durante or delegate, fragmentation @ FAIR/GSI

Input from Koji Noda-san

Preclinical research and development of new radiopharmaceuticals:

Found too restrictive: do we need to update the flyer: to be discussed at the next IAC meeting

Cristina Mueller (PSI) preclinical to imaging/therapy

Melpomeni Fani / Alfred Morgenstern / Tony Lahoutte

David Ulmert, now at UCLA

Sara Cheal at MSKCC

Lessons learned from somatostatin / PSMA ligands

Martin Walter/Lisa Bodei for somatostatin ligands

Uwe Haberkorn/Frederik Giesel/Matthias Eiber for PSMA ligands

Ovarian cancer target

E. Deshayes or J.-P. Pouget / Montpellier

C. Seidl / Munich

Once completed and ordered, invitations should be sent straight away.

Next meeting on 19th December; foreseen agenda:

List of invited speakers / 2nd Circular flyer / Indico Site / registration and abstract submission