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PROCEEDINGS OF THE BIORISE 1ST IPC (INTELLECTUAL PROPERTY COMMITTEE) MEETING HELD ON THURSDAY, 30 JUNE 2016, AT CING (CYPRUS INSTITUTE OF NEUROLOGY & GENETICS) SCIENTIFIC COUNCIL ROOM

Present: Ms Marilena Paraskeva

Mr Marios Flouros

Absent: Ms Maria Kyriacou (Chairwoman)

In Attendance: Prof. Kyproula Christodoulou (Project Coordinator)

Dr George Spyrou (BIORISE ERA-Chair Holder, BECH)

Dr Antonis Ververis (Project Manager)

The meeting started at 10:00am.

ITEM 1 – Overview of BIORISE project by the Project Coordinator, Prof. Kyproula Christodoulou

The Coordinator welcomed the attendees and gave a short overview of the agenda of the meeting. She presented the objectives of the BIORISE project; establishment of the Bioinformatics ERA-Chair at CING, recruitment of an expert to lead the Bioinformatics Group (which was already done with the recruitment of Dr Spyrou), establishment of the Bioinformatics Group with the employment of four post-docs, assessment of Bioinformatics needs in CING, and also the education and training of researchers in Bioinformatics. To achieve that last goal, two new programs in Bioinformatics and Medical Informatics will be created and offered through CSMM (Cyprus School of Molecular Medicine), which is CING's postgraduate school.

The Coordinator explained that BIORISE is divided into nine WPs (Work Packages) and will last for five years, until June 2020: WP1 is about the recruitment of the BECH and was finished with the employment of Dr Spyrou, WP2 deals with the generation of a Bioinformatics needs assessment analysis for CING and had been finalized, WP3 involves the establishment of the team with the post-docs recruitment and that was under way, WP4 is about the procurement of computer hardware and software and was under way, WP5 is about setting up efficient bioinformatics analysis workflows named "pipelines", WP6 deals with the establishment of the Bioinformatics course at CSMM, WP7 revolves around the execution of research programs, WP8 involves the communication, dissemination and exploitation of the results, and finally, WP9 regards project management.

The Coordinator continued by analysing the project management structure: The three-member SC (Scientific Committee) is composed by the Coordinator, Prof. Kyriacos Kyriacou and Dr Eleni Zamba Papanicolaou. The Coordinator reports to and gets input by the ESAB (External Scientific Advisory Board), while the SC gets input from the EAB (Ethics Advisory Board) and the IPC of BIORISE. The ESAB will also provide advice to the BECH regarding scientific issues. The Coordinator has the responsibilities of managing all the project proceedings, communicating with the European Union, preparing and submitting BIORISE reports and deliverables (assisted by CING's Research Office and the Project Manager). She

explained to the IPC members what is expected of them; the IPC's role is to handle IP issues within the project, to oversee that ownership claims or patent rights are respected, and to ensure compliance with the European Commission recommendations on IP (Intellectual Property) management.

The presentation was accompanied with PowerPoint slides.

ITEM 2 – Appointment of Chairman of BIORISE IPC by the IPC members

Marios Flouros suggested that Maria Kyriacou should be the Chairman of the BIORISE IPC because of her experience as a lawyer specializing in intellectual property law. Marilena Paraskeva agreed to that, and it was decided that Maria Kyriacou which was absent from the meeting, would be informed of this decision and offered the position of the IPC Chairman by e-mail.

ITEM 3 – Presentation of the future directions and developments, and indication of possible innovative products and/or services of biomedical informatics in terms of hardware/software solutions that may lead to patents by the BECH, Dr George Spyrou

Dr Spyrou talked about the need to not only patent any results that may occur from the project, but also to successfully patent potential algorithms and software that may result as products through BIORISE's work.

Dr Spyrou set as a future direction the creation of computer aided diagnostics systems that will aid the CING doctors to diagnose not only the disease, but also its exact stage on the patient.

Another future direction set was the development of solutions and suggestions from *in silico* drug repurposing; identifying drugs that were designed for one disease, that can be used to treat a different disease. He asked the opinion of the IPC on how to protect any possible results occurring from this line of work. Marios Flouros stated that there is a possibility for selling the know-how to the manufacturer before disclosing it to him. Dr Spyrou informed the IPC of a call for proposals that one of the biggest pharmaceuticals companies worldwide published, in which scientists were asked to submit their ideas of which drugs of that specific company would be suitable for different diseases, in order for them to get funding to employ these studies.

Another future direction set was the aid of people with special needs by the Bioinformatics and the Informatics Sciences. Specifically it was discussed the development of the appropriate software for the support and consummation of innovative products, to help people that have no other way of communicating, to successfully communicate.

ITEM 4 – Any other business that needs addressing

Marios Flouros indicated that there may be a need for additional funding for BIORISE's targets to be reached, something that would need the submission of various proposals, and in order for the chances of success to be raised, various partnerships might be necessary. Prof. Christodoulou stated that networking is definitely a necessity for the project and that for BIORISE to fully spread its wings, additional funding is required that will be attempted to be acquired through grant proposals. Dr Spyrou completely agreed to that statement.

The meeting concluded at 10:45am.