

## EU FP7 Project GlowBrain

Meeting of the **Regional Network for Regenerative Medicine and Stem Cell Therapies** (RegMed)

### Knowledge Landscapes

#### Meeting minutes

The Knowledge Landscapes meeting of the **RegMed series** of the EU FP7 project GlowBrain was held on September 29 and 30, 2015, at the premises of the Croatian Institute for Brain Research (CIBR), University of Zagreb School of Medicine (UZSM), Šalata 12, Zagreb, Croatia. The Knowledge Landscapes group attendees were:

- **Joachim Allgaier** (Institute of Science, Technology and Society Studies, Alpen-Adria-University, Klagenfurt, Austria), [joachim.allgaier@aau.at](mailto:joachim.allgaier@aau.at)  
<http://www.sts.aau.at/eng/Team/Researchers/Allgaier-Joachim>
- **Harald Holone** (Faculty of Computer Sciences, Østfold University College, Halden, Norway), [harald.holone@hiof.no](mailto:harald.holone@hiof.no)  
<http://www.it.hiof.no/~haraldh/blog/home.html>
- **Lucia Martinelli** (MUSE – Science Museum, Trento, Italy), [Lucia.Martinelli@muse.it](mailto:Lucia.Martinelli@muse.it)  
[http://www.muse.it/it/il-muse/Chi-siamo/Staff/Documents/CV\\_Lucia\\_Martinelli\\_maggio\\_2014\\_English.pdf](http://www.muse.it/it/il-muse/Chi-siamo/Staff/Documents/CV_Lucia_Martinelli_maggio_2014_English.pdf)
- **Anna Lydia Svalastog** (Psychosocial Work, Department for Health and Social Studies, Østfold University College, Halden, Norway), [anna.l.svalastog@hiof.no](mailto:anna.l.svalastog@hiof.no)  
[http://www.crb.uu.se/staff/anna-lydia\\_svalastog.html](http://www.crb.uu.se/staff/anna-lydia_svalastog.html)
- **Srećko Gajović** ([host](#), GlowBrain coordinator, University of Zagreb School of Medicine), [srecko.gajovic@hiim.hr](mailto:srecko.gajovic@hiim.hr)  
<http://glowbrain.hiim.hr/index.php/en/srecko-gajovic>

#### **Meeting Agenda**

1. GlowBrain presentation and discussions with GlowBrain members
2. Definition of Knowledge Landscapes main aim and specific topics
3. Presentations of Navigating Knowledge Landscapes (NKL) international network (NKLN) members
4. NKLN meetings
5. NKLN publications plan
6. NKLN public outreach - web page
7. NKLN grant applications
8. NKL presentation to the RegMed members
9. Meeting wrap up and conclusions

## **Ad 1. GlowBrain presentation and discussion with GlowBrain members**

GlowBrain EU FP7 Project was introduced to the Knowledge Landscapes group by Srećko Gajović. The presentations was followed by the questions from the group and a discussion. The group visited the laboratories of Croatian Institute for Brain Research, in particular the Section of Neurogenetics, Cytogenetics, and Developmental Genetics, with the Laboratories for Neurogenetics and Cytogenetics, Laboratory for Stem Cells, and Laboratory for Electron Micorscopy, then they visited in the another building of Anatomy the GlowLab, which was established through GlowBrain project, with the official title Laboratory for Regenerative Neuroscience. They visited and get informed about the imaging equipment acquired by GlowBrain, preclinical magnetic resonance imaging (MRI Bruker BioSpec USR 70/20 with field strength of 7 Tesla), and preclinical optical imaging (Perkin Elmer IVIS Spectrum) for bioluminescent and fluorescent imaging. The Knowledge Landscapes group had an opportunity to meet GlowBrain employees, and the members of the GlowBrain team. The sustainability of the GlowBrain platform was discussed in particular, and it was mentioned that the interdisciplinarity could be the key. The Knowledge Landscapes group discussed the dissemination activities of GlowBrain, and knowledge management to serve the use of the acquired knowledge and instruments for wider group of the scientists. In addition to the GlowBrain facilities, Knowledge Landscapes group visited Dpt. of Histology and Embryology, and the Croatian Medical Journal offices. They discussed with the Croatian Medical Journal team the workflow of the manuscripts. It was highlighted that Croatian Medical Journal is published independently, i.e. without influences of the big publishers, and it has the complete know-how to represent the publications to the scientific community. The highest asset is the diamond open access, which means that neither authors nor readers are charged for the processing fees related to the publishing.

## **Ad 2. Definition of Knowledge Landscapes main aim and specific topics**

The Knowledge Landscapes group agreed that to present the main ideas of the group there should be clear statements, which will serve as an orientation to the current and the future members of the group, for the professional community, and general public. This information should be a part of the web page. The statements should be as concise as possible.

Moreover, it should be taken care about the overlap with similar activities with same or similar names.

The results of the discussion were as follows:

**The name** was extended to Navigating Knowledge Landscapes (acronym NKL). This does not influence ongoing activities e.g. column in Croatian Medical Journal, which would keep Knowledge Landscapes name.

The intended **organization type** would be a network with the name Navigating Knowledge Landscapes Network (acronym: NKLN)

**The Navigating Knowledge Landscapes Network** is an international and interdisciplinary group with an explorative interest in the area of online and offline communication concerning health and biomedical knowledge.

**The aim** of the Navigating Knowledge Landscapes Network is to explore and describe how individuals navigate through landscapes of health-related knowledge in the digital society.

**The reason** for NKLN, i.e. to explore the navigation in an increasing amount of digital information, is an urgent need to empower the patients and other stakeholders to make better informed health-related decisions.

**The expected results** of NKLN is to develop innovative ways of approaching and researching health and science communication issues in international contexts. In the work of the NKLN empirical and conceptual research should be combined and interrelated.

**NKLN is interested in:**

- the communication of and about biomedical and scientific knowledge,
- challenges in information seeking behavior of concerned individuals,
- the consequences of digital health information landscapes for well-being and the quality of life.

**The topics** mentioned were (and the list is still open for suggestions):

- Health information and health misinformation in social media, online video-sharing platforms etc.
- The role of mobile devices, smartphones and wearables for everyday health practices...etc.

### **Ad 3. Presentations of Navigating Knowledge Landscapes (NKL) international network members**

It was agreed that NKLN is an inclusive network which would welcome new members. It is expected that the network will grow and then develop subsequently. Currently and temporarily, the new members will be approved and the major management activities of the network will be performed by the Core Group of the NKLN. As soon the network will grow the management structure will be updated and this would be discussed already at the following meeting.

The Core Group members of NKLN are Joachim Allgaier, Anna Lydia Svalastog, and Srećko Gajović.

The members of the NKLN are:

**Joachim Allgaier**, Klagenfurt Austria [joachim.allgaier@aau.at](mailto:joachim.allgaier@aau.at)

**Richard Chenhall**, Melbourne Australia [r.chenhall@unimelb.edu.au](mailto:r.chenhall@unimelb.edu.au)

**Giovanni Cozzi**, London UK, [g.cozzi@greenwich.ac.uk](mailto:g.cozzi@greenwich.ac.uk)

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**Andrew Webster**, York UK, [andrew.webster@york.ac.uk](mailto:andrew.webster@york.ac.uk)

**Lars Werdelin**, Stockholm Sweden [lars.werdelin@nrm.se](mailto:lars.werdelin@nrm.se)

#### **Ad 4. NKLN meetings**

It was agreed that NKLN meets twice a year. The preliminary date and place for the next meeting was set as February 18-19, 2016, in Bilbao, where local organizer will be Inigo de Miguel Beriain. The candidate for the organization of the following meeting is Andrew Webster in York.

Currently it is expected that the members of the network will finance themselves to attend the meeting. This was as well the case for the Zagreb meeting. The hosts are welcomed to contribute if such a possibility exists. The eventual successful common grant application can change the situation. Indeed the already present common activities are important prerequisite for the successful grant applications.

#### **Ad 5. NKLN publications plan**

The Croatian Medical Journal (CMJ) already started publishing the column (series of essays) with the title of Knowledge Landscapes. The first essay was accompanied with the editorial. As the CMJ is open access the full text is available both in PubMed Central, <http://www.ncbi.nlm.nih.gov/pubmed>, and CMJ web page, <http://www.cmj.hr>. Similarly to the result of the Bio-object networking the published papers could be at the end collected in a book.

The already published articles are:

Svalastog AL, Allgaier J, Gajović S. Navigating knowledge landscapes: on health, science, communication, media, and society. Croat Med J. 2015 Aug 31;56(4):321-3. (editorial)

Martinelli L, Busatta L, Galvagni L, Piciocchi C. Social egg freezing: a reproductive chance or smoke and mirrors? Croat Med J. 2015 Aug 31;56(4):387-91. (Knowledge Landscapes Column)

It is planned that for the every issue of CMJ, one manuscript will be ready. As the issues appear every 2 months the deadlines are January 15, March 15, May 15, July 15, September 15, and November 15 for the respective year.

#### **Ad 6. NKLN public outreach - web page**

It was agreed that the web page will be hosted at the server in Zagreb, Croatian Institute for Brain Research.

Web page is <http://knowledge-landscapes.hiim.hr> .

The webmaster is currently Srecko, but it is expected that under his supervision the webmaster could be Gernot Rieder from IT University of Copenhagen, Denmark, [gernot.rieder@univie.ac.at](mailto:gernot.rieder@univie.ac.at) .

#### **Ad 7. NKLN grant applications**

One of the main aims of the networking is to develop a research supported by the funding agencies. The source of current funding is the every member finances her/his own activities. The grant applications are welcomed in the future.

The first grant to be applied is the COST Action ([www.cost.eu](http://www.cost.eu)). The deadline is February 9, 2016. The preliminary title of the Action was suggested to be:

Knowledge, communication and personalised health: decision-making in the digital society.

#### **Ad 8. NKL presentation to the RegMed members**

NKL was presented by short oral presentations by all 5 NKL group members to RegMed members attending the meeting. The discussion afterwards raised different aspects, e.g. the governance of personalised health care, knowledge management, and patients' rights.

#### **Ad 9. Meeting wrap up and conclusions**

The NKL group concluded that the meeting format as it was in Zagreb, was appropriate to allow for discussions and constructive work. The interactions with the host environment was judged as a very constructive and necessary. The regional activities in promoting the interdisciplinary approaches as RegMed was presented an example, was judged as a highly important in particular for the further development and sustainability of the research activities.