



"Systematic screening for novel hydrolases from hot environments" (HotZyme)

Project co-funded by the European Commission within the Seventh Framework Programme



Training the Next Generation of Scientists in Metagenomics *Event Minutes*

**Friday, May 31, 14.00-19.00
Central Conference Room,
National Hellenic Research Foundation,
Athens, Greece**

Sponsored by:

HotZyme Website: <http://hotzyme.com/>

Organised by:

EuCRF European Centre for Research & Financing (www.eu-crf.net)

In collaboration with NHRF (<http://www.eie.gr/index-en.html>)

Attendees:

Presenters	Name:
UCPH.X	<i>Xu Peng</i>
UCPH	<i>Myhanh Nguyen</i>
MAUUSA	<i>Mark Young</i>
NZ	<i>Kirk Matthew Schnorr</i>
NTUA	<i>Aristotelis Chatziioannou</i>
NTUA	<i>Makis Ladoukakis</i>
EUCRF	<i>Haimo Gilbert, Zohar Ben-Asher</i>

Partners	Names:
MBV	<i>Zalán Szabo</i>
UCPH.A	<i>Peter Menzel</i>
UCPH.X	<i>Sóley R. Gudbergsdóttir</i>
UCPH.X	<i>Saideh Mirlashari</i>
INMI	<i>Elizaveta Bonch-Osmolovskaya</i>
INMI	<i>Ilya Kublanov</i>
INMI	<i>Anna Perevalova</i>
SIAL	<i>Roland Wohlgemuth</i>
NTUA	<i>Fragiskos Kolisis</i>
NTUA	<i>Georgios Skretas</i>
NTUA	<i>Dimitra Zarafeta</i>
EUCRF	<i>Nurit Kleinberger</i>

Students

30-35 people attended the event

Training Event program attached in the end

Summary

- The session consisted of six talks and presentations and was moderated by Ms. Haimo Gilbert of EuCRF; she has also introduced the presenters before each talk/presentation.
- At the end of which all participants were asked to fill out a feedback form which has been handed to them as they have come in.

- Session one 'Introduction' by Xu Peng: Welcome speech to the attending students was given followed by a comprehensive background of the Hotzyme project, e.g. its planning stages, the makeup of the project and a breakdown of the Work Packages and their purposes, etc.
- Session two 'Why Metagenomics' by Mark Young: The session started with the basic questions of what is Metagenomics and how it fits into science today and standard metagenomics workflow, etc. After posing a few questions to students, Prof. Young moved onto sequencing platforms, field metagenomics and the challenges at hand and their costs. The session ended with c. 15-minute of Questions & Answers.
- Session three 'Industrial Opportunities' by Kirk Schnorr: As an industrial partner, Kirk filled in the background knowledge of the Enzyme business as a whole, the story and market importance of Novozymes, the R&D organisation, principles & activities in the production of industrial enzymes and bio-innovation in applications, etc. Lastly, Kirk touched on employment opportunities by showing the job page of Novozymes and website where further information can be found.
- Sessions four and five went immediately after the break 'Got a research idea? What next?' by Myhanh Nguyen, followed by Zohar Ben-Asher: Myhanh described the roles of the EU office (at the University of Copenhagen), outlining the phases of the work assigned to her Office, from assistance in the Pre-proposal stage through Post-proposal, Law and Strategy/lobbying stages. Also tips and advices for scientists wanting to apply for EU grants/join consortiums were given. Prof. Ben-Asher followed with detailed tips and structure advice to proposal writing, the scientific element, why does it matter, how it can contribute to the EU, etc.
- The last session of the event was 'Demonstration of ANASTASIA' by Aristotelis Chatziioannou and Efthymios Ladoukakis. The presentation and demonstration were done in Greek for better understanding, as all the attendees were Greek. With a thorough demonstration the session lasted one hour.
- Closing 6:30: Xu Peng closed the event by thanking the attending students and the event organising committee (EuCRF and NHRF). Feedback forms collected.

Post event notes:

- Data gathered from the feedback forms were entered into the final report for D8.2 Training Session 1. The answers will be considered when planning training session 2 (2014).
- All presentations from the training session will be uploaded onto the Hotzyme website for easy access.
- An article about the training session with session photos will be featured in the June Issue of the Hotzyme Newsletter and distributed to subscribers (and new subscribers from the training event).

Below, the agenda of the HotZyme Training Café is reproduced:

HotZyme Training Café – Info Pack

Date Friday, May 31, 2013

Time 2 – 7pm

Venue Central Conference Room, National Hellenic Research Foundation, Athens

A G E N D A

Session 1

2-2:30pm - Introduction

Presenter: HotZyme Coordinator Xu Peng

- Welcome speech and brief introduction on the HotZyme project.

Session 2

2:30 -3:30pm - Why Metagenomics?

Presenter: Mark Young, Professor of Virology at Montana State University

- This session explains what metagenomics is about, what roles it plays in modern science, and why it is important to our lives and industries etc. This is a 30min talk followed by 30min of discussion.

Session 3

3:30-4pm - Industrial Opportunities?

Presenter: Kirk Schnorr, Senior Scientist at Novozymes

- The project's industrial partner shares insight into the importance of R&D in metagenomics to industries, what kind of career path a graduate can have in this field, and what companies are looking for when recruiting etc.

***Refreshment break - 30 minutes**

Session 4

4:30-5pm - Demonstration ANASTASIA

Presenter: Aristotelis Chatziioannou, Research Assistant Professor at NHRF

- Dr. Chatziioannou introduces the next big thing in metagenomic analysis – ANASTASIA platform.

Session 5

5-6pm - Got a research idea? What next?

Presenter: Zohar Ben-Asher, EuCRF and Myhanh Nguyen, UCPH EU office

- Take note from Prof. Ben-Asher on the guidelines and requirements in applying and receiving EU grants. The EU officer at Univ. of Copenhagen talks about how they can help you with your 'big' idea.

Session 6

6-6:30pm - HotZyme Researchers

Presenter: Efthymios Ladoukakis, Researcher of NTUA

- HotZyme's own research fellow explains what its like doing research for leading professors in their field, the challenges and pressures, and how this experience will benefit them in their future career.

6:30-7pm - Closing Comments

Presenter: HotZyme Coordinator Xu Peng