



# BioASQ

**A challenge on large-scale biomedical  
semantic indexing and question answering**

[www.bioasq.org](http://www.bioasq.org)

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Intelligent Information Management  
Targeted Competition Framework  
ICT-2011.4.4(d)



# What is BioASQ?

A **competition** funded by the **European Union** (FP7).

## Task A: Hierarchical text classification

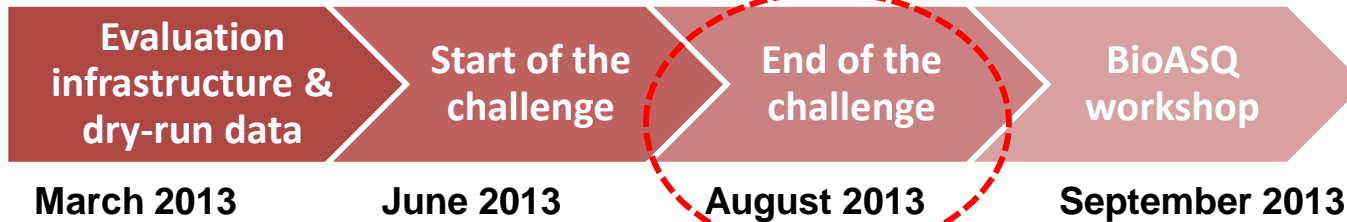
- Organizers distribute new **unclassified PubMed articles**.
- Participants assign **MeSH terms** to the articles.
- **Evaluation** based on annotations of **PubMed curators**.

## Task B: IR, QA, summarization

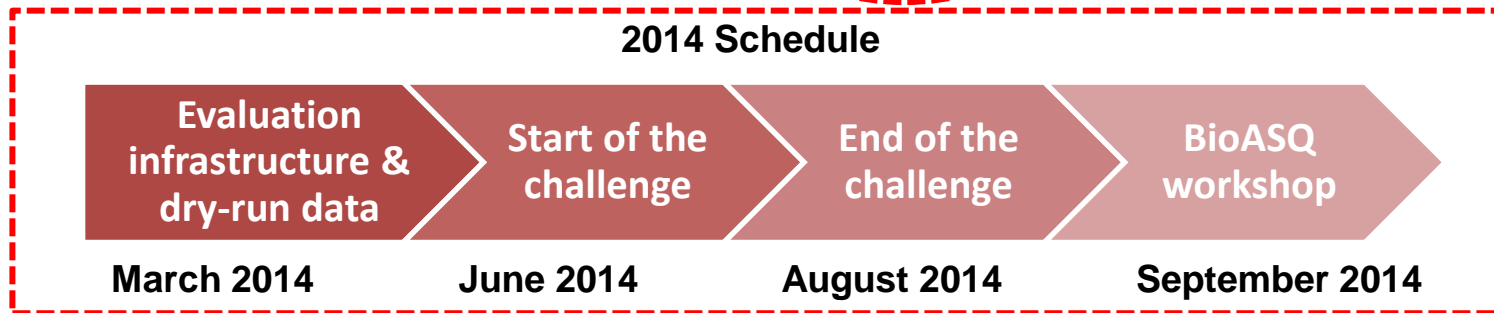
- Organizers distribute **biomedical questions** of experts.
- Participants provide: relevant **articles, snippets, concepts, triples, exact answers, summary answers**.
- **Evaluation**: both **automatic** (GMAP, MRR, Rouge etc.) and **manual** (by biomedical experts).

# Two cycles

## 2013 Schedule



## 2014 Schedule



- ▶ Both tasks run twice, in **two cycles** (two years).
- ▶ **1<sup>st</sup> cycle completed**, but attend/submit to our **workshop @CLEF**.
- ▶ You can also **join the 2<sup>nd</sup> cycle** (starting **March 2014**).
- ▶ **Participation** can be **partial** (any task, subtask, response type).
- ▶ **Prizes** for each task/subtask.

# More info

**Questions** (min. 300+300) and **gold reference** answers prepared by **biomedical experts** from around Europe.

- ▶ Using tools/infrastructure developed by BioASQ.

**Data sources** include both **text and structured** info.

- ▶ PubMed articles and MeSH.
- ▶ Gene Ontology, UniProt, Jochem, Disease Ontology.

BioASQ **datasets, infrastructure, evaluation services** etc. available **beyond the end** of the project:

- ▶ Plus **social net** to help extend data, set up new challenges.

**Advisory board:** both academia and industry.

- ▶ NLM, NIST, CMU, IBM, MSR etc.

# Project Consortium

1. National Centre for Scientific Research “Demokritos” - NSCR “D” (EL)
2. Transinsight GmbH – TI (D)
3. Université Joseph Fourier- UJF (F)
4. University Leipzig - ULEI (D)
5. Université Pierre et Marie Curie Paris 6 – UPMC (F)
6. Athens University of Economics and Business – Research Centre – AUEB-RC (EL)



# Get in touch!

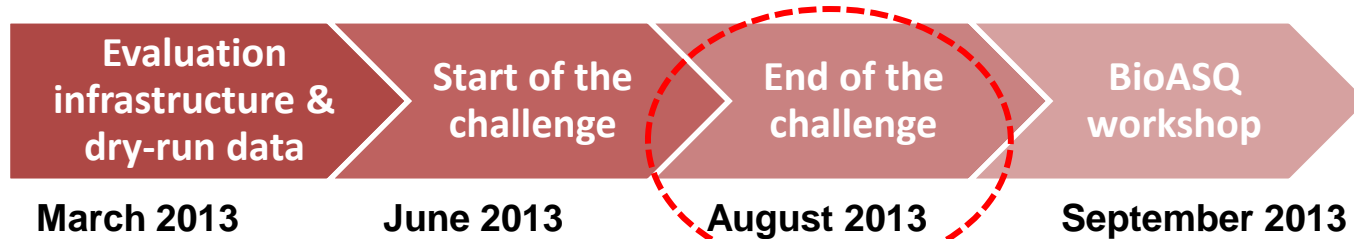
See the **BioASQ poster!**

**BioASQ workshop @CLEF (Valencia, deadline 15 Aug.)**

Visit **[www.bioasq.org](http://www.bioasq.org)**

Follow **@BioASQ**

## 2013 Schedule



## 2014 Schedule

