



BioASQ Lab 2020

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

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What is BioASQ

- ▶ A series of **challenges** on **biomedical semantic indexing** and **question answering**, structured into three tasks:
 - ▶ **Task A**: Large-Scale Online Biomedical Semantic Indexing
 - ▶ **Task B**: Biomedical Semantic Question Answering
 - ▶ **Task MESINESP**: Medical Semantic Indexing In Spanish
- ▶ BioASQ has run seven times, in **seven years**
 - ▶ More than **60 teams** from **19 countries**
- ▶ **Participation** can be **partial**
 - ▶ **Prizes** for each task/subtask
- ▶ **Open-source** infrastructure and benchmark **training datasets**:
 - ▶ Task A: More than **14 M articles**
 - ▶ Task B: More than **3,200 questions**
 - ▶ Task MESINESP: More than **200 K articles**

Task MESINESP

New task

Medical Semantic Indexing in Spanish

- ▶ Organizers distribute **new unclassified articles in Spanish**
- ▶ Participants have 21 hours to assign **MeSH terms** to the articles
- ▶ **Evaluation** based on annotations from IBECS and LILACS
 - ▶ Using both flat and hierarchical measures
- ▶ Task MESINESP introduced in autumn 2019
 - ▶ 1st **BioASQ MESINESP workshop** to be announced soon
 - ▶ Join anytime in autumn 2019
- ▶ Task MESINESP as part of the **8th edition** of **BioASQ**
 - ▶ Join anytime from March, 2020 onward

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