

INVITED SESSION SUMMARY**Title of Session:****Curative Power of Medical Data****Name, Title and Affiliation of Chair:**

1. Daniela Gifu, Romanian Academy – Iasi Branch & “Alexandru Ioan Cuza” University of Iasi, Romania
2. Kevin Cohen, University of Colorado School of Medicine, US
3. Jingbo Xia, Huazhong Agricultural University, P.R. China

Details of Session (including aim and scope):

This track welcomes innovative approaches for the exploitation of biomedical data using semantic web technologies and linked data by bringing together practitioners, researchers, and scholars to share examples, use cases, theories and analysis of biomedical data.

The topics of interest include, but are not limited, to:

- Crowdsourcing approaches in biomedicine
- Collaborative computational technologies for biomedical research
- Biomedical digital libraries
- Mining biomedical literature
- Event-based text mining for biology and related fields
- Event and entity extraction in medical texts
- Conceptual graphs extracted from medical texts
- Annotation of semantic content, with applications in medicine and biology
- Techniques for Big Data in Healthcare
- Medical search engines
- Distributed communication system in biomedical applications
- Deep learning for bioinformatics
- Biomedical question/answering
- Biomedical topic modeling
- Biomedical language systems
- Text summarization in the biomedical domain

Main Contributing Researchers / Research Centres (tentative, if known at this stage):

- [Institute of Computer Science Iasi at the Romanian Academy](#)
- [Biomedical Text Mining Group in Larry Hunter's Computational Bioscience Program at the University of Colorado School of Medicine](#)
- [Department of Artificial Intelligence, College of Informatics, Huazhong Agricultural University](#)

Website URL of Call for Papers (if any):

under construction

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