



BioCreative V.5 Workshop Agenda [22/04/17]

Wednesday, April 26-27, 2017

Universitat Politècnica de Catalunya (UPC)
Sala Multimèdia - Professor Pedro Vicente del Fraile ([info](#))

Building B3 - Ricardo Valle S201 Floor -2 (S2)
Campus Nord, Jordi Girona, 1-3, 08034 Barcelona

BioCreative V.5 Becalm web and CEMP, GPRO, TIPS tracks: <http://www.becalm.eu>

Registration/venue info:

<https://www.bsc.es/es/news/events/elixir-text-mining-workshop-biocreative-becalm-workshop>

DAY 1: Wednesday, April 26, 2017

13:30 – 18:00	Registration	
14:20 – 14:30	Room: Prof. Pedro Vicente	Workshop opening (Alfonso Valencia, Martin Krallinger)
14:30 – 15:00		Invited speaker: Lynette Hirschman (MITRE): “DARPA Big Mechanism program”
15:00 – 15:10	TBA	Coffee break (refreshments)
15:15 – 16:00	Room: Prof. Pedro Vicente	CEMPand GPRO tracks result overview ¹ (Martin Krallinger, Analia Lourenço)
16:00 – 18:30		CEMP and GPRO tracks: selected participant talks
16:00 – 16:15		Neji: Recognition of Chemical and Gene Mentions in Patent Texts (Sergio Matos)
16:15 – 16:30		Chemlistem - chemical named entity recognition using recurrent neural network (Peter Corbett)
16:30 – 16:45		Towards Robust Chemical Recognition with TaggerOne at the BioCreative V.5 CEMP Task (Donald Comeau)
16:45 – 17:00	TBA	Coffee break (refreshments)
17:00 – 17:15	Room: Prof. Pedro Vicente	Combining the BANNER tool with the DINTO ontology for the CEMP task of BioCreative V.5 (Cristóbal Colón)
17:15 – 17:30		IBEnt: Chemical Entity Mentions in Patents using ChEBI (Francisco Couto)
17:30 – 17:45		An Ensemble Algorithm for Sequential Labelling: A Case Study in Chemical Named Entity Recognition (Chen-Kai Wang)



17:45 – 18:00	Room: Prof. Pedro Vicente	ChemGrab: Identification of Chemical Names Using a Combined Negative-Dictionary and Rule-Based Approach (Neil Sarkar)
18:00 – 18:15		Statistical Principle-based Approach for Gene and Protein Related Object Recognition (Po-Ting Lai)
18:15 – 18:30		Performance and interoperability assessment of DiseaseExtract Annotation Server (DEAS) (Po-Ting Lai).
18:30 – 18:45		Openminded Tender call presentation ² (<i>openminded.eu</i>) (Alfonso Valencia/Stelios Piperidis)

¹ CEMP: chemical entity mention in patents task; GPRO: Gene and protein related object mention recognition task

² OpenMinTeD: Open Mining Infrastructure for Text & Data (<http://openminded.eu>)



DAY 2: Thursday, April 27, 2017

9:00 – 13:00	<i>Registration</i>	
9:00 – 9:35	Room: Prof. Pedro Vicente	Invited speaker: Nuria Bel (University Pompeu Fabra): “PANACEA, web services and workflows of text processing. Lessons learnt.”
9:35 – 10:05		Round table: CEMP, GPRO and biomedical named entity recognition tasks: entities, documents, annotation, representation, guidelines and tools (task organizers & participants)

10:05 – 10:20	TBA	Coffee break (refreshments)
10:20 – 10:45	Room: Prof. Pedro Vicente	Invited speaker: Salvador Capella (INB): “Bioinformatics and text mining evaluation infrastructure of Elixir.”
10:45 – 11:30		TIPS track result overview (Analia Lourenço, Martin Krallinger)
11:30 – 12:00		Invited speaker flash panel talks: implementation of evaluation frameworks for manual and automated text annotation components (Analia Lourenço, Martin Perez, Gael Perez, University of Vigo)
12:00 – 13:30		TIPS track: selected participants talks (I)
12:00 – 12:15		SIA: Scalable Interoperable Annotation Server (Philippe Thomas)
12:15 – 12:30		NTTMU-SCHEMA BeCalm API in BioCreative V.5 (Chen-Kai Wang)
12:30 – 12:45		Micro-RNA Recognition in Patents in BioCreative V.5 (Chen-Kai Wang)
12:45 – 13:00		Tagger: BeCalm API for rapid named entity recognition (Lars Juhl Jensen)
13:00 – 13:15		Neji: DIY web services for biomedical concept recognition (Sergio Matos)
13:15 – 14:40		TBA
14:40 – 15:40	Room: Prof. Pedro Vicente	TIPS track: selected participants talks (II)
14:40 – 14:55		MER: a Minimal Named-Entity Recognition Tagger and Annotation Server (Francisco Couto)
14:55 – 15:10		Olelo's named-entity recognition web service in the BeCalm TIPS task (Mariana Neves)
15:10 – 15:25		OGER: OntoGene's Entity Recogniser in the BeCalm TIPS Task (Lenz Furrer)



15:25 – 15:40	Room: Prof. Pedro Vicente	High-throughput, interoperability and benchmarking of text-mining with BeCalm biomedical metasever (Miguel Madrid)
15:40 – 16:05		Invited speaker: Don Comeau (NCBI): “Open Access PMC BioC server of the NCBI.”
16:05 – 16:25		Panel session: formats, annotations and technical integration of text mining component in the light of BeCalm/TIPS (TIPS organizers & participants)
16:25 – 16:40	TBA	Coffee break (refreshments)
16:40 – 17:00	Room: Prof. Pedro Vicente	OpenMinted Tender call: topics, process, participation (Alfonso Valencia/Martin Krallinger)
17:00 – 17:30		BioCreative V.5: lessons learned and future steps
17:30 – 17:45		BioCreative V.5/BeCalm closing session (chaired by BioCreative organizers)



BioCreative Organizing committee

- **Cecilia Arighi**, *University of Delaware, USA*
- **Donald Comeau**, *National Center for Biotechnology Information (NCBI), NIH, USA*
- **Juliane Fluck**, *Fraunhofer Institute for Algorithms and Scientific Computing SCAI, Germany*
- **Rezarta Islamaj Dogan**, *National Center for Biotechnology Information (NCBI), NIH, USA*
- **Lynette Hirschman**, *MITRE Corporation, USA*
- **Sun Kim**, *National Center for Biotechnology Information (NCBI), NIH, USA*
- **Martin Krallinger**, *Spanish National Cancer Centre, CNIO, Spain*
- **Zhiyong Lu**, *National Center for Biotechnology Information (NCBI), NIH, USA*
- **Fabio Rinaldi**, *Institute of Computational Linguistics, University of Zurich, Switzerland*
- **Alfonso Valencia**, *Spanish National Cancer Centre, CNIO, Spain*
- **Thomas Wiegers**, *North Carolina State University, USA*
- **Cathy Wu**, *University of Delaware and Georgetown University, USA*
- **Kevin Cohen**, *University of Colorado, USA*

Acknowledgements

This workshop is part of the OpenMinTeD project funded from the European Union's Horizon 2020 research and innovation programme under grant agreement No 654021