

Fabio Rinaldi: List of Publications (March 2022)

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I have authored or co-authored more than 100 peer-reviewed publications, including more than 40 published journal papers. My publications have more than 3500 citations (h-index: 29)¹.

Peer-reviewed Journal publications

- [J47] Lenz Furrer, Joseph Cornelius & Fabio Rinaldi. Parallel sequence tagging for concept recognition. *BMC Bioinformatics* volume 22, Article number: 623 (2021). doi:10.1186/s12859-021-04511-y
- [J46] Roberto Zanolli, Alberto Lavelli, Theresa Löffler, Nicolas Andres Perez Gonzalez, Fabio Rinaldi. An annotated dataset for extracting gene-melanoma relations from scientific literature. *Journal of Biomedical Semantics*, volume 13, Article number: 2 (2022). doi:10.1186/s13326-021-00251-3
- [J45] Vani Kanjirangat, Fabio Rinaldi. Enhancing Biomedical Relation Extraction with Transformer Models using Shortest Dependency Path Features and Triplet Information. *Journal of Biomedical Informatics*, Oct 2021. doi:10.1016/j.jbi.2021.103893
- [J44] Carlos-Francisco Méndez-Cruz, Martín Díaz-Rodríguez, Oscar Lithgow-Serrano, Francisco Guadarrama-García, Víctor H. Tierrafría, Socorro Gama-Castro, Hilda Solano-Lira, Fabio Rinaldi, Julio Collado-Vides. Lisen&Curate: A platform to facilitate gathering textual evidence for curation of regulation of transcription initiation in bacteria. *BBA - Gene Regulatory Mechanisms*, August 2021. doi:10.1016/j.bbagr.2021.194753
- [J43] Oscar William Lithgow-Serrano, Joseph Cornelius, Vani Kanjirangat, Carlos Francisco Méndez-Cruz, Fabio Rinaldi. "Improving Classification of Low-Resource COVID-19 Literature by Using Named Entity Recognition." *Genomics & Informatics* 2021; 19(3): e22. doi:10.5808/gi.21018
- [J42] Raul Rodriguez-Esteban, Dina Vishnyakova, Fabio Rinaldi. Revisiting the decay of scientific email addresses. *Journal of the Association for Information Science and Technology*. June 2021. doi: 10.1002/asi.24545
- [J41] Tamar Edry, Nason Maani, Martin Sykora, Suzanne Elayan, Yulin Hswen, Markus Wolf, Fabio Rinaldi, Sandro Galea, Oliver Gruebner. Real-time geospatial surveillance of localized emotional stress responses to COVID-19: A proof of concept analysis. *Health Place*. 2021 Jul; 70: 102598. doi:10.1016/j.healthplace.2021.102598
- [J40] Ivano Lauriola, Fabio Aioli, Alberto Lavelli, Fabio Rinaldi. Learning adaptive representations for entity recognition in the biomedical domain *Journal of Biomedical Semantics*, volume 12, Article number: 10 (2021). doi: 10.1186/s13326-021-00238-0
- [J39] Irene Zühlke, John Berezowski, Michèle Bodmer, Susanne Küker, Anne Göhring, **Fabio Rinaldi**, Céline Faverjon, Corinne Gurtner. Factors associated with cattle necropsy submissions in Switzerland, and their importance for surveillance. *Preventive Veterinary Medicine*, Volume 187, 2021, 105235, ISSN 0167-5877. doi:10.1016/j.prevetmed.2020.105235
- [J38] Ensieh Davoodijam, Nasser Ghadiri, Maryam Lotfi Shahreza, **Fabio Rinaldi**. MultiGBS: A multi-layer graph approach to biomedical summarization. *Journal of Biomedical Informatics*. Volume 116, April 2021, 103706. doi:10.1016/j.jbi.2021.103706
- [J37] Vishnyakova, D., Rodriguez-Esteban, R., **Rinaldi, F.** (2019). A new approach and gold standard toward author disambiguation in MEDLINE. *J Am Med Inform Assoc* 26(10), pp. 1037–1045. doi:10.1093/jamia/ocz028
- [J36] Seyedmostafa Sheikhalishahi, Riccardo Miotto, Joel T Dudley, Alberto Lavelli, **Fabio Rinaldi**, Venet Osmani. Natural Language Processing of Clinical Notes on Chronic Diseases: Systematic Review. *JMIR Med Inform* 2019, vol. 7, iss. 2. doi:10.2196/12239
- [J35] Kim, J.D., Cohen, K.B., Collier, N., Lu, Z., **Rinaldi, F.** (2019). Introduction to BLAH5 special issue:

¹<http://scholar.google.com/citations?user=aCD4rSEAAAAJ&hl=en>

recent progress on interoperability of biomedical text mining. *Genomics Inform* 17(2), pp. E12.
doi:10.5808/GI.2019.17.2.e12

[J33] Colic, N. and **Rinaldi, F.** Improving spaCy dependency annotation and PoS tagging web service using independent NER services. *Genomics Inform.* 2019;17(2):e21. doi:10.5808/GI.2019.17.2.e21

[J32] Furrer, Lenz; Jancso, Anna; Colic, Nicola; **Rinaldi, Fabio** (2019). OGER++: hybrid multi-type entity recognition. *Journal of Cheminformatics*, 11(1):7. doi:10.1186/s13321-018-0326-3

[J31] Susanne Küker, Celine Faverjon, Lenz Furrer, John Berezowski, Horst Posthaus, **Fabio Rinaldi** and Flavie Vial. The value of necropsy reports for animal health surveillance. *BMC Veterinary Research* (2018) 14:191. doi:10.1186/s12917-018-1505-1

[J30] Marco Basaldella, Lenz Furrer, Carlo Tasso, **Fabio Rinaldi**. Entity Recognition in the Biomedical domain using a hybrid approach. *Journal of Biomedical Semantics* (2017), 8:51. doi:10.1186/s13326-017-0157-6

[J29] Balderas-Martínez YI, **Rinaldi F**, Contreras G, Solano-Lira H, Sánchez-Pérez M, Collado-Vides J, Selman M, Pardo A; Improving biocuration of microRNAs in diseases: a case study in idiopathic pulmonary fibrosis. *Database (Oxford)* 2017; 2017 (1): bax030. doi:10.1093/database/bax030

[J28] **Fabio Rinaldi**, Oscar Lithgow, Socorro Gama-Castro, Hilda Solano, Alejandra Lopez, Luis José Muñoz Rascado, Cecilia Ishida-Gutiérrez, Carlos-Francisco Méndez-Cruz, Julio Collado-Vides; Strategies towards digital and semi-automated curation in RegulonDB. *Database (Oxford)* 2017; 2017 (1): bax012. doi:10.1093/database/bax012

[J27] Qinghua Wang, Shabbir S. Abdul, Lara Almeida, Sophia Ananiadou, Yalbi I. Balderas-Martínez, Riza Batista-Navarro, David Campos, Lucy Chilton, Hui-Jou Chou, Gabriela Contreras, Laurel Cooper, Hong-Jie Dai, Barbra Ferrell, Juliane Fluck, Socorro Gama-Castro, Nancy George, Georgios Gkoutos, Afroza K. Irin, Lars J. Jensen, Silvia Jimenez, Toni R. Jue, Ingrid Keseler, Sumit Madan, Sérgio Matos, Peter McQuilton, Marija Milacic, Matthew Mort, Jeyakumar Natarajan, Evangelos Pafilis, Emiliano Pereira, Shruti Rao, **Fabio Rinaldi**, Karen Rothfels, David Salgado, Raquel M. Silva, Onkar Singh, Raymund Stefančík, Chu-Hsien Su, Suresh Subramani, Hamsa D. Tadepally, Loukia Tsaprouni, Nicole Vasilevsky, Xiaodong Wang, Andrew Chatr-Aryamontri, Stanley J. F. Laulederkind, Sherri Matis-Mitchell, Johanna McEntyre, Sandra Orchard, Sangya Pundir, Raul Rodriguez-Esteban, Kimberly Van Auken, Zhiyong Lu, Mary Schaeffer, Cathy H. Wu, Lynette Hirschman, and Cecilia N. Arighi. *Overview of the interactive task in BioCreative V*. The Journal of Biological Databases and Curation, 2016, baw119. doi:10.1093/database/baw119

[J26] Mauro Mazzocut, Ivana Truccolo, Marialuisa Antonini, **Fabio Rinaldi**, Paolo Omero, Emanuela Ferrarin, Paolo De Paoli, Carlo Tasso. *Insight of Italian Web conversations in Complementary and Alternative Medicines and Cancer*, *Journal of Medical Internet Research*, 2016, 18(6):e120. doi:10.2196/jmir.5521.

[J25] **Fabio Rinaldi**, Tilia Renate Ellendorff, Sumit Madan, Simon Clematide, Adrian van der Lek, Theo Mevissen, Juliane Fluck. *BioCreative V Track 4: A Shared Task for the Extraction of Causal Network Information in Biological Expression Language*. The Journal of Biological Databases and Curation, 2016, baw067. doi:10.1093/database/baw067

[J24] Socorro Gama-Castro, Heladia Salgado, Alberto Santos-Zavaleta, Daniela Ledezma-Tejeida, Luis Muñoz-Rascado, Jair Santiago García-Sotelo, Kevin Alquicira-Hernández, Irma Martínez-Flores, Lucia Pannier, Jaime Abraham Castro-Mondragón, Alejandra Medina-Rivera, Hilda Solano-Lira, César Bonavides-Martínez, Ernesto Pérez-Rueda, Shirley Alquicira-Hernández, Liliana Porrón-Sotelo, Alejandra López-Fuentes, Anastasia Hernández-Koutoucheva, Víctor Del Moral-Chávez, **Fabio Rinaldi** and Julio Collado-Vides. *RegulonDB version 9.0: high-level integration of gene regulation, coexpression, motif clustering and beyond*. *Nucleic Acids Research*, 2015, D133-D143. doi:10.1093/nar/gkv1156

[J23] **Fabio Rinaldi**, Simon Clematide, Hernani Marques, Tilia Ellendorff, Martin Romacker, Raul Rodrigues Esteban. *OntoGene Web Services for Biomedical Text Mining*. *BMC Bioinformatics*, 2014, 15(Suppl 14):S6. doi:10.1186/1471-2105-15-S14-S6.

[J22] W. Liu, D. Comeau, R. Islamaj Dogan, Dongseop Kwon, Hernani Marques, **Fabio Rinaldi**, W. John Wilbur. *BioC Implementations in Go, Perl, Python and Ruby*. The Journal of Biological Databases and Curation, Database 2014: bau059. doi:10.1093/database/bau059

[J21] Socorro Gama-Castro, **Fabio Rinaldi**, Alejandra López-Fuentes, Yalbi Itzel Balderas-Martínez, Simon

Clematide, Tilia Renate Ellendorff, Julio Collado-Vides. *Assisted curation of regulatory interactions and growth conditions of OxyR in E. coli K-12*. The Journal of Biological Databases and Curation, Database 2014: bau049. doi:10.1093/database/bau049

[J20] Donald C. Comeau, Riza Theresa Batista-Navarro, Hong-Jie Dai, Rezarta Islamaj Doğan, Antonio Jimeno, Ritu Khare, Zhiyong Lu, Hernani Marques, Carolyn J. Mattingly, Mariana Neves, Yifan Peng, Rafal Rak, **Fabio Rinaldi**, Richard Tzong-Han Tsai, Karin Verspoor, Thomas C. Wieggers, Cathy H. Wu, and W. John Wilbur. *BioC Interoperability Track Overview*. The Journal of Biological Databases and Curation, Database 2014: bau053. 10.1093/database/bau053

[J19] Donald C. Comeau, Rezarta Islamaj Doğan, Paolo Ciccarese, Kevin Bretonnel Cohen, Martin Krallinger, Florian Leitner, Zhiyong Lu, Yifan Peng, **Fabio Rinaldi**, Manabu Torii, Alfonso Valencia, Karin Verspoor, Thomas C. Wieggers, Cathy H. Wu, and W. John Wilbur. *BioC: A Minimalist Approach to Interoperability for Biomedical Text Processing*. The Journal of Biological Databases and Curation, Database 2013: bat064, Oxford Journals, 2013. doi:10.1093/database/bat064

[J18] **Fabio Rinaldi**, Simon Clematide, Simon Hafner, Gerold Schneider, Gintare Grigonyte, Martin Romacker, Therese Vachon. *Using the OntoGene pipeline for the triage task of BioCreative 2012*. The Journal of Biological Databases and Curation, Database 2013: bas053, Oxford Journals, 2013. doi:10.1093/database/bas053

[J17] Simon Clematide, **Fabio Rinaldi**. *Ranking relations between diseases, drugs and genes for a curation task*. Journal of Biomedical Semantics, 3(Suppl 3):S5, 2012. doi:10.1186/2041-1480-3-S3-S5

[J16] **Fabio Rinaldi**, Gerold Schneider, Simon Clematide. *Relation Mining Experiments in the Pharmacogenomics Domain*. Journal of Biomedical Informatics, Volume 45, Issue 5, pages 851-861, 2012. doi:10.1016/j.jbi.2012.04.014

[J15] **Fabio Rinaldi**, Simon Clematide, Yael Garten, Michelle Whirl-Carrillo, Li Gong, Joan M. Hebert, Katrin Sangkuhl, Caroline F. Thorn, Teri E. Klein, Russ B. Altman. *Using ODIN for a PharmGKB re-validation experiment*. The Journal of Biological Databases and Curation, Oxford Journals, 2012, bas021; doi:10.1093/database/bas021

[J14] Dietrich Rebholz-Schuhmann, **Fabio Rinaldi**, Sampo Pyysalo, Nigel Collier, Udo Hahn. *Towards mature use of semantic resources for biomedical analyses*. Journal of Biomedical Semantics, Volume 2, Suppl 5, S11, October 2011.

[J13] Dietrich Rebholz-Schuhmann, Antonio Jimeno, Chen Li, Senay Kafkas, Ian Lewin, Ning Kang, Peter Corbett, David Milward, Ekatarina Buyko, Elena Beisswanger, Kerstin Hornbostel, Alexandre Kouznetsov, Rene Witte, Jonas B. Laurila, Christopher JO Baker, Chen-Ju Kuo, Simone Clematide, **Fabio Rinaldi**, Richard Farkas, György Móra, Kazuo Hara, Laura Furlong, Michael Rautschka, Mariana Lara Neves, Alberto Pascual-Morante, Qi Wei, Nigel Collier, Faisal Mahbub Chowdhury, Alberto Lavelli, Rafael Berlanga, Roser Morante, Vincent van Asch, Walter Daelemans, Erik van Mulligen, Jan Kors and Udo Hahn. *Assessment of NER solutions against the first and second CALBC Silver Standard Corpus*. Journal of Biomedical Semantics, Volume 2, Suppl 5, S11, October 2011.

[J12] Gerold Schneider, Simon Clematide, **Fabio Rinaldi**. *Detection of interaction articles and experimental methods in biomedical literature*. BMC Bioinformatics, special issue on BioCreative III, Volume 12, Suppl 8, October 2011.

[J11] Martin Krallinger, Miguel Vazquez, Florian Leitner, David Salgado, Andrew Chatr-Aryamontri, Andrew Winter, Livia Perfetto, Leonardo Briganti, Luana Licata, Marta Iannuccelli, Gianni Cesareni, **Fabio Rinaldi**, Robert Leaman, Graciela Gonzalez, Sergio Matos, Sun Kim, W. John Wilbur, Luis Rocha, Ashish V Tendulkar, Shashank Agarwal, Feifan Liu, Xinglong Wang, Rafal Rak, Keith Noto, Charles Elkan, Zhiyong Lu, Rezarta Islamaj Dogan, Jean-Fred Fontaine, Miguel A. Andrade-Navarro and Alfonso Valencia. *The Protein-Protein Interaction tasks of BioCreative III: classification/ranking of articles and linking bio-ontology concepts to full text*. BMC Bioinformatics, special issue on BioCreative III, Volume 12, Suppl 8, October 2011.

[J10] Cecilia Arighi, Phoebe Roberts, Shashank Agarwal, Sanmitra Bhattacharya, Gianni Cesareni, Andrew Chatr-aryamontri, Simon Clematide, Pascale Gaudet, Michele Gwinn Giglio, Ian Harrow, Eva Huala, Martin Krallinger, Ulf Leser, Donghui Li, Feifan Liu, Zhiyong Lu, Lois Maltais, Naoaki Okazaki, Livia Perfetto, **Fabio Rinaldi**, Rune Sætre, David Salgado, Padmini Srinivasan, Philippe E. Thomas, Luca Toldo, Lynette Hirschman and Cathy H Wu. *BioCreative III Interactive Task: an Overview*. BMC Bioinformatics, special issue on BioCreative III, Volume 12, Suppl 8, October 2011.

[J9] Zhiyong Lu, Hung-Yu Kao, Chih-Hsuan Wei, Minlie Huang, Jingchen Liu, Cheng-Ju Kuo, Chun-Nan Hsu,, Richard Tzong-Han Tsai, Hong-Jie Dai, Naoaki Okazaki, Han-Cheol Cho, Martin Gerner, Illes Solt, Shashank Agarwal, Feifan Liu, Dina Vishnyakova, Patrick Ruch, Martin Romacker, **Fabio Rinaldi**, Sanmitra Bhattacharya, Padmini Srinivasan, Hongfang Liu, Manabu Torii, Sergio Matos, David Campos, Karin Verspoor, Kevin M. Livingston, and W. John Wilbur. *The Gene Normalization Task in BioCreative III*. BMC Bioinformatics, special issue on BioCreative III, Volume 12, Suppl 8, October 2011.

[J8] **Fabio Rinaldi**, Kaarel Kaljurand, Rune Saetre. *Terminological resources for Text Mining over Biomedical Scientific Literature*. Journal of Artificial Intelligence in Medicine. Volume 52, Issue 2, June 2011, Pages 107-114. doi:10.1016/j.artmed.2011.04.011

[J7] **Fabio Rinaldi**, Gerold Schneider, Kaarel Kaljurand, Simon Clematide, Therese Vachon, Martin Romacker. *OntoGene in BioCreative II.5*. IEEE/ACM Transactions on Computational Biology and Bioinformatics, vol. 99, no. 1, 2010. doi:10.1109/TCBB.2010.50

[J6] **Fabio Rinaldi**, Thomas Kappeler, Kaarel Kaljurand, Gerold Schneider, Manfred Klenner, Simon Clematide, Michael Hess, Jean-Marc von Allmen, Pierre Parisot, Martin Romacker, Therese Vachon. *OntoGene in BioCreative II*. Genome Biology, 2008, 9:S13. doi:10.1186/gb-2008-9-s2-s13

[J5] **Fabio Rinaldi**, Gerold Schneider, Kaarel Kaljurand, Michael Hess, Martin Romacker. *An environment for relation mining over richly annotated corpora: the case of GENIA*. BMC Bioinformatics 2006, 7(Suppl 3):S3. doi:10.1186/1471-2105-7-S3-S3

[J4] **Fabio Rinaldi**, Gerold Schneider, Kaarel Kaljurand, Michael Hess, Christos Andronis, Ourania Konstandi, Andreas Persidis. *Mining of Functional Relations between Genes and Proteins over Biomedical Scientific Literature using a Deep-Linguistic Approach*. Artificial Intelligence in Medicine (2007) 39, pp. 127-136. doi:10.1016/j.artmed.2006.08.005

[J3] Eric SanJuan, James Dowdall, Fidelia Ibekwe-SanJuan, **Fabio Rinaldi**. *A symbolic approach to Automatic MultiWord Term Structuring*. Computer Speech and Language, Special Issue on Multiword Expressions, 2005, 19(4):524-542.

[J2] Diego Mollá, **Fabio Rinaldi**, Rolf Schwitter, James Dowdall, Michael Hess. *Answer Extraction from Technical Texts*. IEEE Intelligent Systems, 18(4), July/August 2003.

[J1] Bernardo Magnini, Giovanni Fabris, and **Fabio Rinaldi**. *GUM: Un'ontologia linguisticamente motivata per l'Italiano AI - Notizie*, Bollettino dell'Associazione Italiana per l'Intelligenza Artificiale, num.3, September 1995, pages 7-11.

Peer-reviewed Book Chapters (excluding conference proceedings)

[H2] **Fabio Rinaldi**, Elia Yuste, Gerold Schneider, Michael Hess, David Roussel. *Exploiting Technical Terminology for Knowledge Management*. In *Ontology Learning from Text: Methods, Evaluation and Applications*, Paul Buitelaar, Philipp Cimiano, Bernardo Magnini (editors). IOS Press, 2005.

[H1] **Fabio Rinaldi**, Michael Hess, James Dowdall, Diego Mollá, Rolf Schwitter. *Question Answering in Terminology-rich Technical Domains*. In "New Directions in Question Answering" Maybury, M. T. editor. 2004. AAAI/MIT Press.

Proceedings editor

[E7] Proceedings of the Tenth International Workshop on Health Text Mining and Information Analysis (LOUHI 2019). Eben Holderness, Antonio Jimeno Yepes, Alberto Lavelli, Anne-Lyse Minard, James Pustejovsky, **Fabio Rinaldi**. Association for Computational Linguistics, Hong Kong, November 2019.

[E6] Proceedings of the Ninth International Workshop on Health Text Mining and Information Analysis (LOUHI 2018). Alberto Lavelli, Anne-Lyse Minard, **Fabio Rinaldi**. Association for Computational Linguistics, Brussels, October 2018.

[E5] Proceedings of the 7th International Symposium for Semantic Mining in Biomedicine (SMBM 2016), Berlin, Germany, August 2016. Edited by Mariana Neves, **Fabio Rinaldi**, Goran Nenadic, D. R.-Schumann.

[E4] Proceedings of the 6th International Symposium for Semantic Mining in Biomedicine (SMBM 2014), Aveiro, Portugal, October 2014. Edited by Olivier Bodenreider, José Luis Oliveira, **Fabio Rinaldi**.

[E3] Proceedings of the the 5th International Symposium on Languages in Biology and Medicine (LBM 2013), Tokyo, Japan, December 12-13 2013. Edited by **Fabio Rinaldi** and Jin-Dong Kim.

[E2] Proceedings of the 5th International Symposium for Semantic Mining in Biomedicine (SMBM 2012), Zurich, Switzerland, September 2012. Edited by Sophia Ananiadou, Sampo Pyysalo, Dietrich Rebholz-Schuhmann, **Fabio Rinaldi**, Tapio Salakoski.

[E1] Proceedings of the 4th International Symposium for Semantic Mining in Biomedicine (SMBM 2010), Cambridge, United Kingdom, October 2010. Edited by Nigel Collier, Udo Hahn, Dietrich Rebholz-Schuhmann, **Fabio Rinaldi**, Sampo Pyysalo.

Peer-reviewed conference publications

[C45] Lauriola, Ivano; Polato, Mirko; Lavelli, Alberto; **Rinaldi, Fabio**; Aioli, Fabio. Learning Preferences for Large Scale Multi-label Problems. In Proceedings of Artificial Neural Networks and Machine Learning - ICANN 2018

[C44] Tilia Renate Ellendorff, Adrian van der Lek, Lenz Furrer, **Fabio Rinaldi**. A Combined Resource of Biomedical Terminology and its Statistics. Proceedings of the conference Terminology and Artificial Intelligence 2015 (Granada, Spain), pg. 39--50.

[C43] Lenz Furrer, Susanne Kuker, John Berezowski, Horst Posthaus, Flavie Vial, **Fabio Rinaldi**. Constructing a Syndromic Terminology Resource for Veterinary Text Mining. Proceedings of the conference Terminology and Artificial Intelligence 2015 (Granada, Spain), pg. 61--70.

[C42] Lenz Furrer, Simon Clematide, Hernani Marques, Raul Rodriguez-Esteban, Martin Romacker and **Fabio Rinaldi**. Collection-wide extraction of protein-protein interactions. SMBM 2014, Aveiro, Portugal, October 2014.

[C41] **Fabio Rinaldi**, Socorro Gama-Castro, Alejandra López-Fuentes, Alberto Santos-Zavaleta, Simon Clematide, Tilia Renate Ellendorff, Julio Collado-Vides. Assisted curation of experimental methods in RegulonDB. BioCuration 2014, April 7th, 2014, Toronto, Canada.

[C40] Tilia Ellendorff, **Fabio Rinaldi**, Simon Clematide. Using Large Biomedical Databases as Gold Annotations for Automatic Relation Extraction. Proceedings of LREC 2014: The 9th international conference on Language Resources and Evaluation. 26-31 May 2014, Reykjavik, Iceland.

[C39] Gintare Grigonyte, Simon Clematide, **Fabio Rinaldi**. *How preferred are preferred terms?* Kosem, I., Kallas, J., Gantar, P., Krek, S., Langemets, M., Tuulik, M. (eds.) 2013. Electronic lexicography in the 21st century: thinking outside the paper. Proceedings of the eLex 2013 conference, 17-19 October 2013, Tallinn, Estonia. Pages 452-459.

[C38] Clematide, Simon; Martin, Davtjan; **Rinaldi, Fabio**; Rebholz-Schuhmann, Dietrich (2013). Exploiting BabelNet for multilingual biomedical synonym expansion. In: CLEF 2013: Evaluation Labs and Workshop: Online Working Notes, September 23-26, 2013, Valencia, Spain, 23 September 2013.

[C37] Rebholz-Schuhmann, Dietrich; Clematide, Simon; **Rinaldi, Fabio**; Kafkas, Senay; van Mulligen, Erik M; Bui, Chinh; Hellrich, Johannes; Lewin, Ian; Milward, David; Poprat, Michael; Jimeno-Yepes, Antonio; Hahn, Udo; Kors, Jan (2013). Entity recognition in parallel multi-lingual biomedical corpora: The CLEF-ER laboratory overview. In: Forner, Pamela; Mueller, Henning; Rosso, Paolo; Paredes, Roberto. Information Access Evaluation. Multilinguality, Multimodality, and Visualization. Valencia: Springer, 353-367. ISBN 978-3-642-40802-1.

[C36] **Fabio Rinaldi**, Assisted Editing in the Biomedical Domain: Motivation and Challenges. DocEng 2013, Florence, September 2013.

[C35] **Fabio Rinaldi**, Socorro Gama-Castro, Alejandra López-Fuentes, Yalbi Balderas-Martínez, Julio Collado-Vides. Digital Curation Experiments for RegulonDB, BioCuration 2013, April 10th, 2013, Cambridge, UK.

[C34] Gintare Grigonyte, **Fabio Rinaldi**, Martin Volk. Term evolution: use of biomedical terminologies. In:

AAAI-2012 Fall Symposium on Information Retrieval and Knowledge Discovery in Biomedical Text, Arlington, 79-80, November 2-4, 2012, Arlington, Virginia, USA.

[C33] **Fabio Rinaldi**, Gerold Schneider, Simon Clematide and Gintare Grigonyte, Notes about the OntoGene pipeline. AAAI-2012 Fall Symposium on Information Retrieval and Knowledge Discovery in Biomedical Text, November 2-4, 2012, Arlington, Virginia, USA.

[C32] Gintare Grigonyte, **Fabio Rinaldi**, Martin Volk. Change of Biomedical Domain Terminology Over Time. In Proc. of 5th Baltic Conf. On Human Language Technologies, Tartu, Estonia, October 4-5, 2012.

[C31] Gerold Schneider, **Fabio Rinaldi**, Simon Clematide. Dependency parsing for interaction detection in pharmacogenomics. Proceedings of LREC 2012: The eighth international conference on Language Resources and Evaluation. Istanbul, 21-27 May 2012.

[C30] Simon, **Fabio Rinaldi**. Ranking interactions for a curation task. The Tenth International Conference on Machine Learning and Applications (special session on Machine Learning for Biomedical Literature Analysis and Text Retrieval). Honolulu, December 2011.

[C29] **Fabio Rinaldi**, Dietrich Rebholz-Schuhmann. Support tools for literature-based information access in the genomics domain. 3rd International Universal Communication Symposium. Tokyo, December 2009.

[C28] **Fabio Rinaldi**, Gerold Schneider, Kaarel Kaljurand, Simon Clematide. Effective Mining of Protein Interactions. LBM 2009: The 3rd International Symposium on Languages in Biology and Medicine. Jeju Island, South Korea, November 8-10, 2009.

[C27] Kaarel Kaljurand, **Fabio Rinaldi**, Thomas Kappeler and Gerold Schneider. Using existing biomedical resources to detect and ground terms in biomedical literature. Artificial Intelligence in Medicine, Verona, July 2009.

[C26] Gerold Schneider, Kaarel Kaljurand, Thomas Kappeler, **Fabio Rinaldi**. Detecting protein-protein interactions in biomedical texts using a parser and linguistic resources. CICLING 2009, Mexico City.

[C25] Thomas Kappeler, Simon Clematide, Kaarel Kaljurand, Gerold Schneider, **Fabio Rinaldi**. Towards Automatic Detection of Experimental Methods from Biomedical Literature. Third International Symposium on Semantic Mining in Biomedicine (SMBM 2008).

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[C22] Norbert E. Fuchs, Stefan Höfler, Kaarel Kaljurand, **Fabio Rinaldi**, Gerold Schneider. Attempto Controlled English: A Knowledge Representation Language Readable by Humans and Machines. In "Reasoning Web, First International Summer School 2005". Springer Verlag, LNCS 3564.

[C21] Gerold Schneider, **Fabio Rinaldi**, Kaarel Kaljurand, Michael Hess. Steps towards a GENIA Dependency Treebank. In Treebanks and Linguistic Theories (TLT) 2004, Tübingen, December 2004.

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[C19] James Dowdall, Will Lowe, Jeremy Elleman, **Fabio Rinaldi**, Michael Hess. The role of MultiWord Terminology in Knowledge Management. LREC-2004, Lisbon, 24th-30th May 2004.

[C18] Kaarel Kaljurand, **Fabio Rinaldi**, James Dowdall, Michael Hess. Exploiting Language Resources for Semantic Web Annotations. LREC-2004, Lisbon, 24th-30th May 2004.

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