

The Proceedings of the 14th International Conference on Semantic Web Applications and Tools for Health Care and Life Sciences (SWAT4HCLS 2023)

Basel, Switzerland, February 13-16, 2023.

Preface

It is our great pleasure to welcome you to the Proceedings of the 14th International Conference on Semantic Web Applications and Tools for Health Care and Life Sciences (SWAT4HCLS 2023).

SWAT4HCLS is a conference series focusing on data integration and semantic technologies in the biomedical domain. Starting in 2008 as a one-day workshop on semantic web technologies in bioinformatics, it has expanded year after year into a four-day event composed of tutorials, conference and hackathon. The focus of SWAT4HCLS is now covering data-driven approaches, and good data management practices in the biomedical domain.

The call for papers solicited research contributions in semantic web and data-centric infrastructures and resources, knowledge representation, semantic Web and AI, semantic Web and FAIR data applications across healthcare and life science communities. There were 22 papers submitted from around the globe. The conference programme included 14 papers (8 long and 6 short papers), 4 keynotes, 26 posters, 4 demos, and 5 data-in-use presentations.

The SWAT4HCLS 2023 organizers wish to thank the excellent program committee for their hard work in reviewing the submitted papers. Their criticism and very useful comments and suggestions were instrumental to achieve a high-quality publication. We also thank the conference authors for submitting good papers, responding to the reviewers' comments, and abiding by our proceedings production schedule. We further wish to thank the keynote speakers for their interesting talks. We are very grateful to our sponsors: Ontotext, Roche, metaphacts, Swiss Per-

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