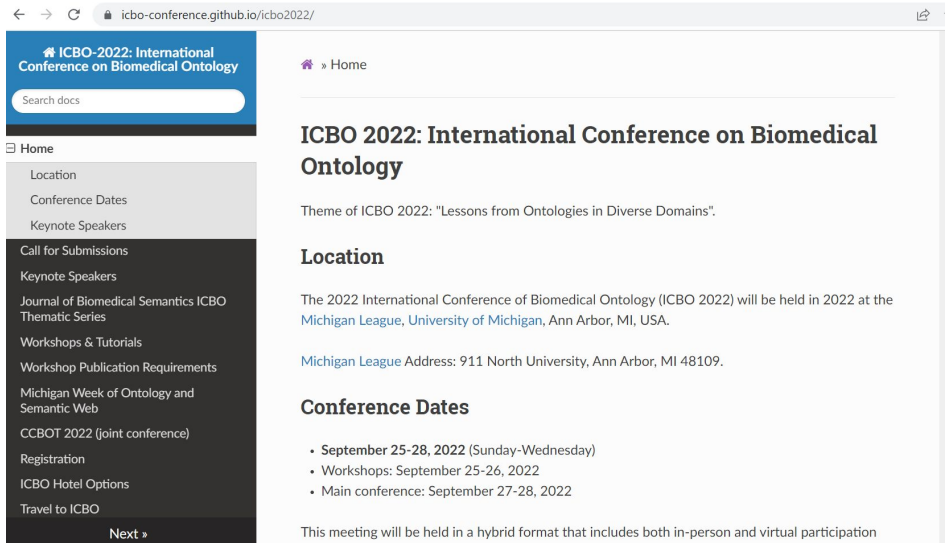
Welcome to ICBO 2022!

International Conference on Biomedical Ontology

Date: September 25-28

Venue: Michigan League, University of Michigan, Ann Arbor, MI, USA.



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University of Michigan Medical School

MICHIGAN

Welcome to Ann Arbor, MI!

ICBO-2022 Organization (1)

- **Co-Chairs:**
  - **Yongqun "Oliver" He**, University of Michigan Medical School
  - **Alexander Diehl**, Univ. at Buffalo
  - **Asiyah Yu Lin**, National Institutes of Health
  - **Sivaram Arabandi**, Ontopro
  - **William Duncan**, Univ. of Florida
  - **Hande Küçük McGinty**, Kansas State University
- **Administrative support:**
  - **Stella Zhou**, Unit for Laboratory Animal Medicine (ULAM), University of Michigan Medical School.
  - **Kadi Brinson**, ULAM.
  - **Valerie Hill**, ULAM.
  - **Aaron Bookvich**, Department of Biomedical Medicine and Bioinformatics, University of Michigan Medical School.

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ICBO-2022 Organization (2)

- **Sponsor Organizations:**
  - **Unit for Laboratory Animal Medicine (ULAM)**, University of Michigan Medical School.
  - **Department of Computational Medicine and Bioinformatics (DCMB)**, University of Michigan Medical School, Ann Arbor, MI.
  - **Michigan Institute for Data Science**, University of Michigan Medical School, Ann Arbor, MI.
- **Volunteer Support:**
  - **Anthony Huffman**, DCMB, University of Michigan (UM) Medical School
  - **Yuying Tian**, HITS AcadIT Software Development, UM Medical School
  - **Fatima Oudeif**, College of Lit, Science & Arts, UM
  - **Sam Smith**, Detroit, MI, USA.

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ICBO-2022 Organization (3)

- **Program Committee (PC) Members:**

Sarah Alghamdi, Mauricio Almeida, Muhammad Amith, Sivaram Arabandi, Adrien Barton, John Beverley, Jonathan Bona, Mathias Brochhausen, Werner Ceusters, Alexander D. Diehl, Michel Dumontier, William Duncan, Fernanda Farinelli, Pierre Grenon, Emma Griffiths, Oliver He, Karl Helmer, William Hogan, Charles Hoyt, Junguk Hur, Mark Jensen, Azanzi Jiomekong, Clement Jonquet, Asiyah Lin, Jane Lomax, Phillip Lord, Hande McGinty, Darren Natale, Suyuan Peng, Anuwat Pengput, Bjoern Peters, Martin Romacker, Lynn Schriml, Barry Smith, Amanda Damasceno De Souza, Chris Stoeckert, Sabrina Toro, Randi Vita, Enrique Wulff Barreiro, Chen Yang, Yuji Zhang, Jie Zheng

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Keynote Speakers

Chris Stoeckert

Chris Stoeckert, Ph.D., is a Research Professor of Genetics and faculty in the Institute of Biomedical Informatics at the University of Pennsylvania. Although originally a biophysicist and then a molecular and cell biologist, he has spent most of his career working on databases supporting the mining of complex datasets. These have included databases on gene expression, orthologous proteins, pancreatic development, Alzheimer's Disease genomics, and multiple resources for the NIAID VEuPath Bioinformatic Research Center supporting research on eukaryotic pathogens and vectors including the associated ClinEpiDB and MicrobiomeDB. The database work led to involvement in the development of data standards such as MIAME (Minimal Information About a Microarray Experiment), MAGE-TAB format standard for reporting microarray experiments, and the development of biomedical ontologies such as the MGED Ontology. He is a founder and developer of the Ontology for Biomedical Investigations (OBI), has led the development of the Ontology for Biobanking (OBIB), and serves on the OBO Foundry Operations Committee. He is faculty director of the TURBO (Transforming & Unifying Research with Biomedical Ontologies) project at Penn aimed at semantic harmonization and integration of clinical data.

Susan Gregurick

Susan Gregurick, Ph.D., is the Associate Director for Data Science and Director of the Office of Data Science Strategy (ODSS) at the National Institutes of Health (NIH) in 2019. Under Dr. Gregurick's leadership, the ODSS leads the implementation of the NIH Strategic Plan for Data Science through scientific, technical, and operational collaboration with the institutes, centers, and offices that comprise NIH. Dr. Gregurick received the 2020 Leadership in Biological Sciences Award from the Washington Academy of Sciences for her work in this role. She was instrumental in the creation of the ODSS in 2018 and served as a senior advisor to the office until being named to her current position.

Dr. Gregurick was previously the Division Director for Biophysics, Biomedical Technology, and Computational Biosciences at the National Institute of General Medical Sciences. Prior to joining the NIH in 2013, Dr. Gregurick was a program director in the Office of Biological and Environmental Research at the Department of Energy.

Before beginning a career of government service, Dr. Gregurick was a professor of computational chemistry at the University of Maryland, Baltimore County. Her research interests included dynamics of large biological macromolecules, and her areas of expertise are computational biology, high performance computing, neutron scattering and bioinformatics

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Workshops & Tutorials

- **9 workshops and tutorials.**
  - Financial and Legal Dimensions of Healthcare
    - ✔ Organizers: Barry Smith and William Hogan
  - The 6th International Cells in Experimental Life Science Workshop, CELLS 2022 (virtual)
    - ✔ Organizers: Alexander D. Diehl and Yongqun Oliver He
  - FAIR ontology harmonization and TRUST data interoperability (FOHTI)
    - ✔ Organizers: Asiyah Yu Lin, Gary Berg-Cross, Nomi Harris
  - Workshop on Ontology Tools and Workflows
    - ✔ Organizers: James A. Overton, Charles Tapley Hoyt and Christopher J. Mungall
  - 11th Vaccine and Drug Ontology Studies (VDOS-2022)
    - ✔ Organizers: Junguk Hur, Cui Tao and Yongqun Oliver He
  - OBO Tutorial: Using and Reusing Ontologies
    - ✔ Organizers: James A. Overton, Rebecca Jackson, Chris Mungall, Nicole Vasilevsky, Nicolas Matentzoglu and Randi Vita
  - Food Process Ontology Hackathon
    - ✔ Organizers: Damion Dooley, Tarini Naravane, Matthew Lange, Chen Yang and Hande Küçük McGinty
  - LinkML Workshop/Tutorial
    - ✔ Organizers: Christopher Mungall, Sierra Moxon, Mark Miller, Nomi Harris and Tim Putnam
  - First Workshop on the Role of Ontologies in Biomedical AI (ROBI)
    - ✔ Organizers: **Robert Hoehndorf** (specially invited) and George Gkoutos

Thank you, organizers!

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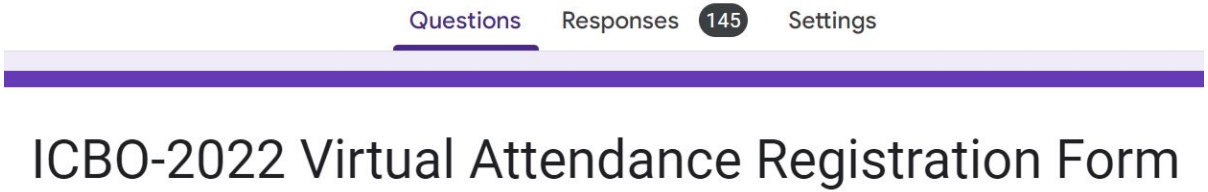
ICBO-2022 Attendance (As of 9/26/2022)

- **Complete registrations: 67**
- **Incomplete registration: 23**

- **Virtual meeting registrations: 145**



Thank you all, for your participations!

Enjoy your meetings in ICBO-2022!