

Personal details

Name: Spiros Denaxas

Homepage: <http://denaxaslab.org>

Google Scholar: bit.ly/publications-denaxas

Present appointments:

- Professor of Biomedical Informatics (0.8FTE)
University College London, Institute of Health Informatics
- Associate Director (0.2FTE), BHF Data Science Centre
- Visiting Professor of Biomedical Informatics,
National and Kapodistrian University of Athens
Medical School, Greece

ORCID: <http://orcid.org/0000-0001-9612-7791>

- **citations:** 13227
- **h-index:** 52
- **i10-index:** 132

Education/Qualifications

2004-2008	PhD Informatics	University of Manchester, UK
2003-2004	M.Sc. Information Systems Engineering	UMIST, UK
2000-2003	B.Sc. Computer Science	University of Bradford, UK

Professional History

2021-	Associate Director	British Heart Foundation Data Science Center
2019-	Deputy Director, Research	Institute of Health Informatics, UCL
2019-2021	Visiting Research Fellow	Alan Turing Institute
2019-	Professor in Biomedical Informatics	Institute of Health Informatics, UCL
2015-2019	Associate Professor in Biomedical Informatics	Institute of Health Informatics, UCL
2015-2019	Visiting Research Scientist	The Francis Crick Institute, UK
2013-2015	Senior Research Fellow	Institute of Health Informatics, UCL
2009-2013	Senior Research Associate	Institute of Health Informatics, UCL
2006-2009	Backend Software Engineer	Lokku Ltd.

Selected Invited Talks

Location	Date	Meeting / Organization
Salvador, Brazil	Sept/15	Federal University of Bahia
Boston, USA	Feb/16	Harvard Medical School
Bethesda, USA	Mar/16	NIH – RCUK Transatlantic Data Workshop
Basel Switzerland	Aug/17	Basel Computational Biology Conference
Barcelona, Spain	Sept/17	European Society for Cardiology, Annual Congress
Berlin, Germany	Dec/17	Hasso Plattner Institute
Zurich, Switzerland	July/18	ETH Zurich: Personalized Health Conference
London, UK	Dec/18	UK All Parliamentary Party Group on Artificial Intelligence
Calgary, Canada	May/19	Hotchkiss Brain Institute
Berlin, Germany	Nov/21	Charite Berlin Institute of Health
Long Island, US	Nov/22	Cold Spring Harbour Laboratory
Nashville, US	Dec/22	Vanderbilt University Department of Biomedical Informatics
Milan, Italy	Oct/23	Human Technopole Health Data Science Center

Selected experience in funding review panels

- German Research Foundation (Deutsche Forschungsgemeinschaft) Clusters of Excellence (2023)
- CRUK Early Detection Expert Review Panel (2023)
- NIHR Research for Patient Benefit (RfPB) Programme (2023)
- European Innovation Council (EIC) member of EIC Pathfinder Review panel (2022)
- Medical Research Council - AI for better biomedical and health research (2021)
- Medical Research Council - Methodology Research Programme (adhoc member, 2019)
- Wellcome Innovations Flagships Programme Advisory Group (2018)

Selected recent publications

Hartmann, S., Yasmeen, S., Jacobs, B. M., Denaxas, S., Pirmohamed, M., Gamazon, E. R., . . . Langenberg, C. (2023). ADRA2A and IRX1 are putative risk genes for Raynaud's phenomenon.. *Nat Commun*, 14(1), 6156. doi:[10.1038/s41467-023-41876-5](https://doi.org/10.1038/s41467-023-41876-5)

Wilde, H., Tomlinson, C., Mateen, B. A., Selby, D., Kanthimathinathan, H. K., Ramnarayan, P., . . . Brown, K. (2023). Hospital admissions linked to SARS-CoV-2 infection in children and adolescents: cohort study of 3.2 million first ascertained infections in England. *BMJ*, 382. doi:[10.1136/bmj-2022-073639](https://doi.org/10.1136/bmj-2022-073639)

Banerjee, A., Dashtban, A., Chen, S., Pasea, L., Thygesen, J. H., Fatemifar, G., . . . Hemingway, H. (2023). Identifying subtypes of heart failure from three electronic health record sources with machine learning: an external, prognostic, and genetic validation study. *The Lancet Digital Health*, 5(6), e370-e379. doi:[10.1016/S2589-7500\(23\)00065-1](https://doi.org/10.1016/S2589-7500(23)00065-1)

Papez, V., Moinat, M., Voss, E. A., Bazakou, S., Van Winzum, A., Peviani, A., . . . Denaxas, S. (2023). Transforming and evaluating the UK Biobank to the OMOP Common Data Model for COVID-19 research and beyond (vol 30, pg 103, 2023). *JOURNAL OF THE AMERICAN MEDICAL INFORMATICS ASSOCIATION*, 1 page. doi:[10.1093/jamia/ocad032](https://doi.org/10.1093/jamia/ocad032)

Dale, C. E., Takhar, R., Carragher, R., Katsoulis, M., Torabi, F., Duffield, S., . . . CVD-COVID-UK Consortium. (2023). The impact of the COVID-19 pandemic on cardiovascular disease prevention and management. *Nature Medicine*. doi:[10.1038/s41591-022-02158-7](https://doi.org/10.1038/s41591-022-02158-7)

Kuan, V., Denaxas, S., Patalay, P., Nitsch, D., Mathur, R., Gonzalez-Izquierdo, A., . . . Multimorbidity Mechanism and Therapeutic Research Collaborative. (2022). Identifying and visualising multimorbidity and comorbidity patterns in patients in the English National Health Service: a population-based study. *The Lancet Digital Health*. doi:[10.1016/S2589-7500\(22\)00187-X](https://doi.org/10.1016/S2589-7500(22)00187-X)

Knight, R., Walker, V., Ip, S., Cooper, J. A., Bolton, T., Keene, S., . . . Sterne, J. A. C. (2022). Association of COVID-19 With Major Arterial and Venous Thrombotic Diseases: A Population-Wide Cohort Study of 48 Million Adults in England and Wales. *Circulation*, 146(12), 892-906. doi:[10.1161/circulationaha.122.060785](https://doi.org/10.1161/circulationaha.122.060785)

Thygesen, J. H., Tomlinson, C., Hollings, S., Mizani, M. A., Handy, A., Akbari, A., . . . Zuccolo, L. (2022). COVID-19 trajectories among 57 million adults in England: a cohort study using electronic health records. *The Lancet Digital Health*. doi:[10.1016/s2589-7500\(22\)00091-7](https://doi.org/10.1016/s2589-7500(22)00091-7)

Whiteley, W. N., Ip, S., Cooper, J. A., Bolton, T., Keene, S., Walker, V., . . . CVD-COVID-UK consortium. (2022). Association of COVID-19 vaccines ChAdOx1 and BNT162b2 with major venous, arterial, or thrombocytopenic events: A population-based cohort study of 46 million adults in England. *PLOS Med*, 19(2). doi:[10.1371/journal.pmed.1003926](https://doi.org/10.1371/journal.pmed.1003926)

Kuan, V., Denaxas, S., Gonzalez-Izquierdo, A., Direk, K., Bhatti, O., Husain, S., . . . Hingorani, A. (2019). A chronological map of 308 physical and mental health conditions from 4 million individuals in the English National Health Service. *The Lancet Digital Health*. doi:[10.1016/S2589-7500\(19\)30012-3](https://doi.org/10.1016/S2589-7500(19)30012-3)