

## Curriculum Vitae (CV)

### Johannes Starkbaum, PhD

Born: 11.03.1982 | Nationalities: Austria and Switzerland

Institut für Höhere Studien - Institute for Advanced Studies (IHS)

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### Working experience (selection)

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- since 02.2018 **Social & Sustainable Transformation Research Group Group (Institut für Höhere Studien, IHS):** International projects on societal aspects in fields such as health, policy, and mobility applying participatory methods.
- 07.2015 - 05.2017 **Consultant and researcher (BBMRI European Research Infrastructures Consortium):** Consulting the EU biobank infrastructure regarding socio-ethical issues and questions regarding the GDPR.
- 01.2014 - 12.2015 **Researcher, Chair for Ethics II (FAU Erlangen-Nuremberg):** Ethical aspects of biotechnology and synthetic biology. Interdisciplinary work. Project acquiesce: EFI Bio-Objects, 450k EUR)
- 01.2010 - 04.2018 **Researcher, Institut for Political Science und Governance-Research Plattform (Univ. Vienna):** Comparative political science, trans-disciplinary projects in the field of life sciences.
- 01.2010 - 12.2017 **Researcher und Assistant to the CEO (Life-Science-Governance Institute Vienna):** Data analysis of survey and focus group data; managing budget and annual reports of the institute; project acquiesce: (BBMRI.at, 3,5 Mio. EUR);
- since 10.2009 **Lector (Technical Service ZID, Political Science and Sociology of Univ. Vienna, as well as ECPR-WS Bamberg, Germany):** Empirical research, computer assisted analysis, comparative policy studies
- 03.2008 - 10.2009 **Researcher, studienassistent & tutor (Inst. for Sociology, Univ. Vienna):** Sociology of the family
- 02.2008 - 12.2010 **Trainer (Citybound Wien):** Social work with teenagers
- 12.2004 - 03.2007 **Researcher (Centre for Translational Science, Univ. Vienna):** Management of the Karl Popper Archive; Researching digital learning and knowledge-technologies

### Education (selection)

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- 10.2011 – 11.2018 PHD Social Sciences (Political Science), Univ. Vienna (graduated with honours)
- 03.2003 - 04.2009 Master Sociology, Univ. Vienna (graduated with honours)
- 10.2000 - 06.2001 Master of business informatics, Technical University Vienna (cancelled)
- 09.1992 - 06.2000 High school, Realgymnasium GRG 21 Ödenburgerstraße, Vienna

### International experiences

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- 01.2014 - 12.2015    Research visit, FAU Erlangen-Nuremberg (Germany)  
01.2005 - 07.2005    Erasmus-Sokrates scholarship, Copenhagen (Denmark)

### Scientific memberships and services

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- Since 2022            Founding member of the MethodsNET association  
2021 - 2023           Editor of the Topical stream for Quadruple Helix Innovation, Journal of the Knowledge Economy, Springer  
2019-2020            Reviewer for the Fondazione Cariplo (Science and Technology Studies), Italy  
Since 2018            Journal Reviews (e.g. Human Genetics, Big Data and Society, ÖZS)

### Conferences (peer reviewed, selection)

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- 2024                   Societies in crisis, session at the STS Graz conference, Austria  
2023                   Science Skepticism, session at the STS Graz conference, Austria  
2020                   *Ready to thrive? Collaboration practice of Quadruple Helix innovation cases.* EUSPRI conference (accepted but cancelled due to COVID-19), Utrecht, the Netherlands  
2019                   *Staatlich initiierte inklusive Innovationsinitiativen zwischen Kollaborationsanspruch und Initiationsinteressen.* ITA Conference, Vienna, Austria  
2019                   *Public sector initiated Quadruple Helix Innovation. How initiative aims shape inclusive innovation collaborations.* ETHAC Conference, Thessaloniki, Greece.

### Research projects (selection)

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- Digitalized Medicine; 2024-2025; TA SWISS; reflection of digitalization in medicine  
AGRO4AGRI; 2024-2028, HE, Task leader; Societal and reflexive aspects of innovation for sustainability  
Causations of scepticism towards science and democracy; 2022-2023; BMBWF  
Science in Practice; Duration: 2022-2023; City of Vienna; Mixed methods analysis of attitudes towards science and innovation in the climate change context  
RAVE (Phenomenology of road accidents); 2022-2025; Funding: FWF; WP leader; phenomenology of road accidents  
POPEYE; Duration: 2020–2023; FWF, I 4732, ERA PerMed; WP leader; Ethical and social aspects of targeted cancer therapy  
Evaluation of Citizen Science projects on teaching and learning methods; Duration: 2019–2021; OeAD and Austrian Innovation Foundation for Education (IfB); project leader  
Reconfiguring research and innovation in quadruple helix processes (RiConfigure); 2018-2021; Funding: European Commission, Horizon 2020 Grant Agreement no.: 788047, WP leader; Analysing multi stakeholder innovation projects  
Excellence in science and innovation for Europe by adopting the concept of Responsible Research and Innovation (NewHoRRizon); 2017–2021; Horizon 2020, Grant Agreement no 741402; researcher; Evaluation of H2020 from a responsibility perspective.

### Publications (peer reviewed, selection)

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- Starkbaum, J.; Griessler, E.; Grand, P. et al. (2025). Reflections on the science society relationship. A mixed-methods study on science skepticism in Austria. Accepted for publication, ÖZS

- Starkbaum, J.; Thircuir, S.; Winkler, F. & Griessler, E. (2025). Navigating Care: Understanding Cancer Patients' Experiences with Systemic Radionuclide Therapy. Accepted for publication, Supportive Care in Cancer.
- Thircuir, Solenn; Pillayre, H elo ise; Starkbaum, Johannes and Griessler, Erich (2025) Dealing with radiation risks in systemic cancer treatment: Perspectives of practitioners and patients in French hospitals. PLOS ONE, 20 (3), e0316998. <https://doi.org/10.1371/journal.pone.0316998>
- Starkbaum, J.; Braun, R.; Blok, V., et al. (2025). Responsible Innovation across societal sectors: a practice perspective on Quadruple Helix collaboration. Journal of Responsible Innovation, 11 (1), 2414531. <https://doi.org/10.1080/23299460.2024.2414531>
- Starkbaum, Johannes and Gerhardus, Anna (2023) The Destruction of Automobility as We Know It. Book review. Transfers. Interdisciplinary Journal of Mobility Studies, 13 (1-2), pp. 196-200. <https://doi.org/10.3167/TRANS.2023.13010215>
- Braun, Robert and Starkbaum, Johannes (2023) Stakeholders in Research and Innovation: Towards Responsible Governance. In: Putting Responsible Research and Innovation into Practice. Library of Ethics and Applied Philosophy, 40. Cham: Springer, pp. 229-247. [https://doi.org/10.1007/978-3-031-14710-4\\_12](https://doi.org/10.1007/978-3-031-14710-4_12)
- Ruiz Alvarez, M.J., Griessler, E.; Starkbaum, J. (2022). Ethical, Legal and Social Aspects of Precision Medicine. In: Hasanzad, M. (ed.). Precision Medicine in Clinical Practice; Springer: pp 179-196.
- Braun and Starkbaum (2022). Stakeholders in research and innovation: towards responsible governance. In: Blok, V. (Eds.). Responsible Research and Innovation. An evidence-based reconceptualization. Dordrecht: Springer.
- Starkbaum J, Felt U. (2019) Negotiating the reuse of health-data: Research, Big Data, and the European General Data Protection Regulation. Big Data & Society, DOI: 10.1177/2053951719862594. 1-12.
- Starkbaum, Johannes (2018) Research, Governance, and Imaginaries of Publics. Public Engagement in the Context of the European Biobank Infrastructure. Doctoral thesis, University of Vienna. 192 p
- Braun M, Starkbaum J, Dabrock, P (2015) Safe and Sound? Scientists' Perceptions of Public Engagement in Emerging Biotechnologies. PLOS One 10(12), e0145033, 1-16.
- Starkbaum J, Braun M, Ried J, Dabrock P (2015): The Synthetic Biology Puzzle. A qualitative study on public reflections towards a governance of synthetic biology. Systems and Synthetic Biology 9(4), 147-157
- Starkbaum J, Chen H, Gottweis H (2014) Publics and biobanks in China: a comparative perspective. Asia Europe Journal 12, 345-359. <https://doi.org/10.1007/s10308-014-0396-4>
- Chen H, Gottweis H, and Starkbaum J (2013). Public Perceptions of Biobanks in China: A Focus Group Study. Biopreservation and Biobanking 11(5), 267-271. <https://doi.org/10.1089/bio.2013.0016>
- Gaskell, G., Gottweis, H., Starkbaum, J. et al. Publics and biobanks: Pan-European diversity and the challenge of responsible innovation. Eur J Hum Genet 21, 14–20 (2013). <https://doi.org/10.1038/ejhg.2012.104>
- Hobbs A, Starkbaum J, Gottweis U, Wichmann HE, Gottweis H (2012). The Privacy-Reciprocity Connection in Biobanking: Comparing German with UK Strategies. Public Health Genomics 15, 272-284. <https://doi.org/10.1159/000336671>
- Gottweis H, Gaskell G, Starkbaum J (2011). Connecting the public with biobank research: reciprocity matters. Nature Reviews genetics 12, 738-739. <https://doi.org/10.1038/nrg3083>
- Gottweis H, Chen H, Starkbaum J (2011). Biobanks and the phantom public. Human Genetics 130, 433. <https://doi.org/10.1007/s00439-011-1065-y>

#### **Publications (selection, non-peer-review)**

- Starkbaum, Johannes and Griessler, Erich (2023) Wissenschaftsskeptisch betrachtet. Stimme: Zeitschrift der Initiative Minderheiten (129). Verein zur F orderung des Zusammenlebens von Minderheiten und Mehrheiten (Initiative Minderheiten)

- Griessler, Erich & Starkbaum, Johannes (2022). Wissenschaft und Gesellschaft - es braucht eine unaufgeregte Debatte. OVE (Österreichischer Verband für Elektrotechnik).  
<https://www.ove.at/digitalisierung/news-zur-digitalisierung/detail/wissenschaft-und-gesellschaft-es-braucht-eine-unaufgeregte-debatte/>
- Starkbaum, Johannes; Koenig, Thomas and Taschwer, Klaus (March 2022) *Impulse für einen Neustart der Wissenschaftskommunikation in Österreich*. IHS Policy Brief 1, 21 p.  
<https://irihs.ihs.ac.at/id/eprint/6082/2/ihs-policy-brief-2022-starkbaum-koenig-taschwer-impulse-neustart-wissenschaftskommunikation-oesterreich.pdf>
- Fößleitner, S.; Starkbaum, J.; Griessler, E. (2021) Künstliche Intelligenz im Gesundheitswesen. In: Jahrbuch für Gesundheitspolitik und Gesundheitswirtschaft in Österreich. WKO & Sanofi-Aventis GmbH, 37f
- Gerhardus, A.; Braun, R.; Starkbaum, J. (2021): *Steps towards Quadruple helix Innovation. Lessons from the 'Community Creates Mobility' collaboration*. In: Schroth, F., Kaiser, S.; Schraudner, M. (Eds.). *Quadruple Helix Collaboration in practice. Insights from the EU Project RiConfigure*. 26-34. DOI: 10.24406/IAO-N-636131
- Braun, Robert; Starkbaum, Johannes and Anna, Gerhardus (2019) *Do we need a reorientation for the innovation imaginary?* OECD OPSI blog entry: <https://oecd-opsi.org/do-we-need-a-reorientation-for-the-innovation-imaginary>
- Braun, Robert and Starkbaum, Johannes (2019) *Wie sicher sind Automobile für ihr Verkehrsumfeld?* Der Standard, 03.03.2019. <https://www.derstandard.at/story/2000098892863/wie-sicher-sind-automobile-fuer-ihr-verkehrsumfeld>
- Durnova, Anna; Hönigsmayer, Helmut and Starkbaum, Johannes (2018) *Elga gehört den Bürgern – lasst sie mitreden!* Der Standard, 03.05.2018. <https://www.derstandard.at/story/2000079118035/elga-gehoert-den-buergern-lasst-sie-mitreden>