

Global Innovation Index 2023



Basel

Basel is a multi-cluster spanning an area around France, Germany and Switzerland. It filed **2,505 PCT applications** and published **7,619 scientific articles**, both per 1 million inhabitants over the last five years, making it the:

97th largest science and technology cluster in 2023 (down one spot from 2022)

19th S&T cluster by intensity (relative to population density) in 2023 (up six spots from 2022)

Top PCT applicants

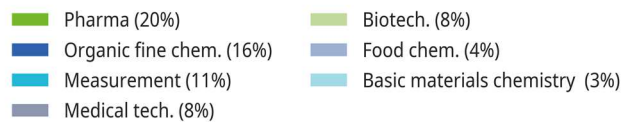
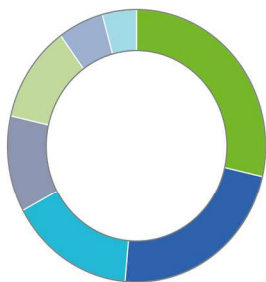
		Patents	Share
1	Dsm Ip Assets	399	16%
2	F. Hoffmann-La Roche	285	11%
3	Novartis	201	8%

Top publishing organizations

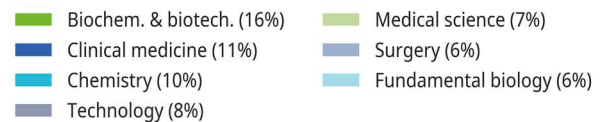
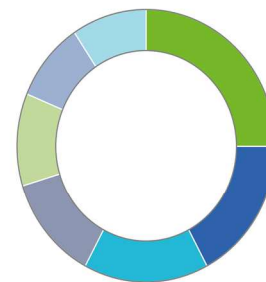
		Articles	Share
1	University of Basel	4,701	61%
2	Novartis	642	8%
3	Roche Holding	504	6%

Top technology fields in Basel

Patents



Publications



44% of Basel's PCT patent applications are filed in collaboration with other inventors, with **Zürich**, **Boston-Cambridge** and **Freiburg** emerging as the top collaborative locations.

79% of Basel's scientific articles are published in collaboration with other organizations, with the top three collaborating locations being **Zürich**, **London** and **Bern**.