

ROLE OF BIBLIOMETRIC ANALYSIS IN RAUH 2018-2019

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Aim and Focus of the UH Research Assessment (RAUH)

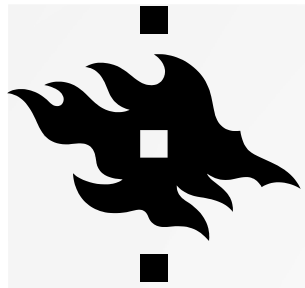
- Produce information for planning and decision-making at all levels within the University
- Focus in the future: emphasis on improving operations

The use of the results of RAUH

- Preparations for the UH Strategy for 2021-2030 / supporting the definition of research focus at UH
- Identifying and agreeing on development actions for strengthening our research

Bibliometric analysis of publication activity

- An important element in quantitative assessment of scientific performance.



THE BIG PICTURE OF PUBLICATION ACTIVITY FOR RAUH

Bibliometric analysis at institute level

- The analysis included publications where the affiliation of at least one author was in a Faculty or Institute of our University at the time of the publication.
- Insight to:
 - > how did we (= the institute) perform during the past years
 - > where are our spearhead fields
 - > can we see any trends
 - > overlap/collaboration between institutes
 - > etc...

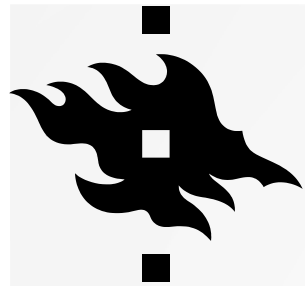


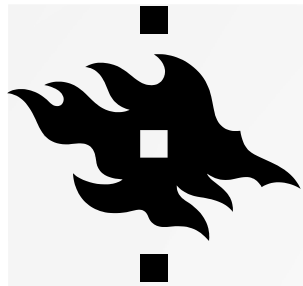
Figure 4-29 Research profile (output and impact) of HiLIFE

WoS field	P	P'	MNCS	MNJS
MULTIDISCIPL SC	270	89	1.53	1.53
GENETICS&HEREDIT	203	37	1.76	1.71
BIOCHEM&MOL BIOL	151	64	1.74	1.35
NEUROSCIENCES	133	56	1.51	1.66
CELL BIOLOGY	126	58	1.74	1.58
ONCOLOGY	71	20	1.08	1.20
ENDOCRIN&METABOL	69	13	1.58	1.67
BIOCHEM RES METH	60	26	1.00	1.03
CLIN NEUROLOGY	49	12	1.86	1.67
MICROBIOLOGY	47	26	1.12	1.36
VIROLOGY	46	23	1.05	1.02
PSYCHIATRY	41	8	1.46	1.33
BIOTECH&APPL MIC	39	19	1.16	1.06
DEVELOPMENT BIOL	37	20	1.85	1.57
PHARMACOL&PHARMA	34	17	1.29	1.56



THE EVEN BIGGER PICTURE

- Bibliometric analysis is an important (or at least useful) element within the assessment of scientific performance in the past.
- Past performance is a proxy for the future, but not the whole truth.
- The UH Research Assessment contained three themes:
 - Scientific quality,
 - Societal impact, and
 - Research environment and unit viability.
- Experts Panels assessed all of the material, interviewed the units and delivered their reports.
- For decision-making and planning, the results of the Research Assessment have been used as a whole.



It's all about context

		Country	HEI	Group	Individual
Analysis	To understand	Green	Green	Yellow	Yellow
Advocacy	To show off	Green	Green	Yellow	Yellow
Accountability	To monitor	Green	Yellow	Yellow	Red
Acclaim	To benchmark	Yellow	Red	Red	Red
Adaptation	To incentivise	Yellow	Red	Red	Red
Allocation	To reward	Red	Red	Red	Red

Green	Low impact
Yellow	Medium impact
Red	High impact