

# **Bibliometrics** as a pathway to (future) research strategies

## **Case study - seeking research excellence**

Michal Petr, Monika Sieberova Research Office, Masaryk University

### Background

One of the unintended effects of the national indicatorbased evaluation in the Czech Republic is a danger of prioritizing quantity of publications before quality. The output of the evaluation has 100% influence on core funding of research from the state budget. Therefore, many research organizations are adopting national model for analysing their research performance and measuring "quality". Misused journal-level indicators in the evaluation simplify the necessary complex view at the research performance.

In opposition to this trend, Masaryk University implements bibliometric service as a supporting tool in evaluative and decision-making procedures and strategies.

### **Results**

- Results of both top-down and bottomup approaches met well (synergy).
- Both panoramic and fine granular view 2. of research environment:
  - Official presentation of focus topics (web, media)
  - ",Hot topics" and "Classics" identified
  - Profile map of research fields (size & impact)
- The university community adopted 3. practise of promoting and awarding excellence.

## **Research topics**



Thanks in part to the Faculty of Law of MU, Czech Republic is a world leader in cybersecurity legislation



**CAVER** helps with computer-assisted

drug development



We are dedicated to fighting cyber threat



Plant genome research results help



Michal Petr Monika Sieberova E: sieberova@rect.muni.cz E: petr@rect.muni.cz

Centre for Scientometric Support Masaryk University Brno, Czech Republic

# Visit us online at scientometrics.muni.cz