



How to achieve excellent quality of research in Slovakia

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Definition of excellent research is not simple

Definition of "Excellent"

Research leading to important discoveries that impact the course of others' research; new knowledge and techniques, both expected and unexpected, within and across traditional disciplinary boundaries; and high-potential links across these boundaries.

Research in Slovakia

Specific conditions

- low financial support
- weak scientific base
- insufficient infrastructure
- lack of young scientists

Slovak Academy of Sciences

Centers of excellence – low financing

Agency for research and development (APVV)

Research and education center of excellence (2007)

Excellent research is questionable, no direct support of experimental research

Excellent research

- **based on strong scientific personality**
- **structure of pyramide**
- **cumulation of projects**
- **importance of FP EU**
- **high scientometric criteria:**
 - CC papers**
 - WOS citations**
 - Hirsh index, c-index**
- **active international collaborations within bilateral and/or multilateral projects and exchange of scientists**