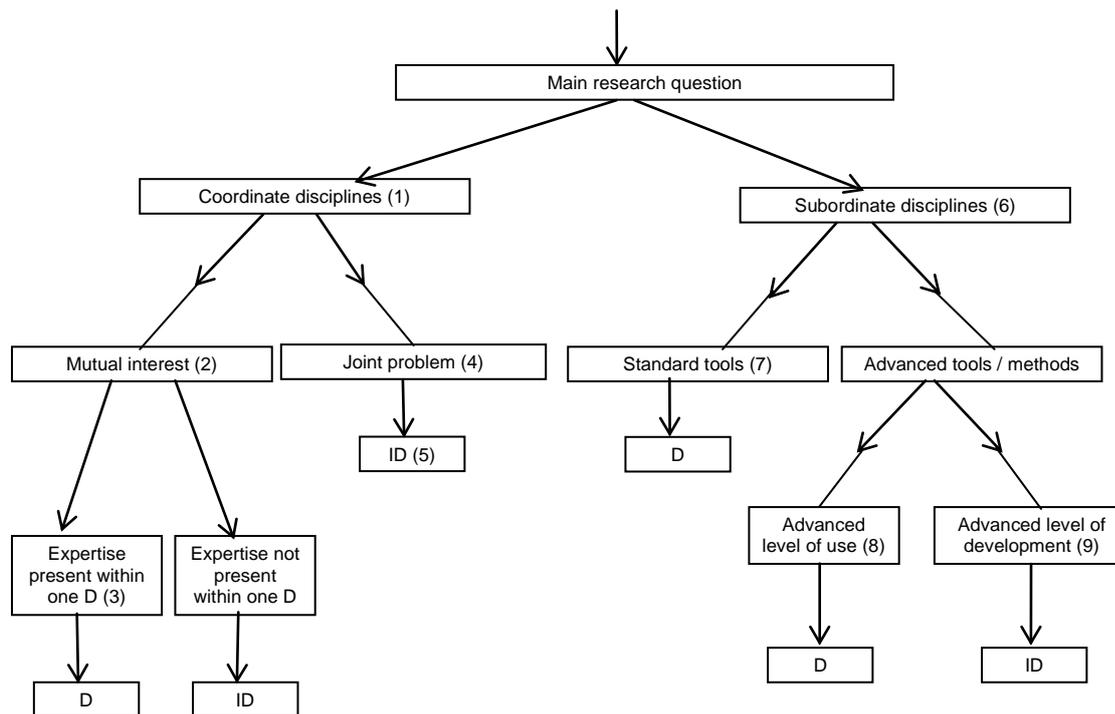


Acceptance criteria for interdisciplinarity (0)



Explanation

D= (intra)disciplinary panel
 ID = interdisciplinary panel:

- (0) A detailed structuring of the acceptance criteria will ensure that future applicants can make and motivate the right choice so that their project will be judged by the most competent expert panel and only on the basis of quality, and not be penalised on the basis of its interdisciplinary character.
- (1) Criteria:
 - can be published in quality journals of different disciplines, to be specified by the applicant.
 - mutual interactive input is necessary from specialists of different disciplines
 - subjects should offer benefit to and mutual influence on each other
- (2) Confrontation, comparison, interaction of existing knowledge of different disciplines
- (3) The present D often contain experts of different disciplines, who can evaluate the project in an objective way
- (4) The research subject itself is multidisciplinary, for instance global warming, tissue engineering
- (5) In case the multidisciplinary research field becomes important on itself, a separate commission could be established in the future
- (6) To give an answer to the scientific question, (instrumental) input from other disciplines is necessary

- (7) For example: statistics, software, existing instruments (microscope, spectrometers, etc.). Also for the study of cultural, social, psychological, ethical, ... problems related to state of the art technology, the technological input can be considered as instrumental, unless the project leads to mutual feedback with technology developers. In that case the project is multidisciplinary and resorts under (4)
- (8) The knowledge is already mature in another discipline and belongs to the study program. It is then sufficient to appoint a pre- or postdoctoral researcher from this discipline, examples: model formation, systems control, advanced analytical techniques
- (9) The technique is still unique (prototype) and the application of this technique in another discipline requires mutual interaction with the developer(s).
Or the development itself is still so advanced that it requires expertise from specialists from another discipline which cannot be obtained from postdoctoral researchers

The use of a new technique gradually evolves from development, advanced to standard

Examples of projects that can be evaluated in the regular disciplinary panels.

- Legal, ethical, IP, privacy.. aspects associated with new technologies in various disciplines: belongs to the scope of panel G&M 1
- Development of new analytical techniques for biochemical research: belongs to the scope of panel BIO1.
- Combination of law and philosophy : belongs to the scope of G&M1.
- Combination of psychiatry and neuro-biology: belongs to the scope of panel MED8
- Combination of theology and philosophy: belongs to the scope of panel CULT 4.

Examples where a matured discipline or methodology is essentially instrumental for the other:

Computational methods , data mining, data processing
 Statistical methods
 Analytical methods such as microscopy, spectroscopy , imaging.
 Sensors, robotics
 Mathematical modelling.
 Molecular biology techniques
 Chemical synthesis and analysis