

# Ethical prevention in the case of major scientific breakthroughs

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- Science is systematized knowledge.
- Scientific discoveries may be more or less significant.
- Concern about the use of scientific discoveries—especially those that push the boundaries of science—arises among researchers only after the discoveries have already been made. By then, it is too late.

- Modern technologies increase the possibility for scientists to achieve breakthroughs, but they also enable non-scientists and pseudo-scientists to monitor scientific teams.
- When a promising team and project appear and results are achieved, a race begins to seize and misuse them.

- Research and results intended for human progress end up in the hands of the powerful—everyone except scientists. And that is when dark science begins.
- From Alfred Nobel, through Marie and Pierre Curie, from vaccines to mRNA technology, it has often happened that original intention produces the opposite effect.

- Can the benefits of science be preserved?
- From whom should science be protected?
- Great discoveries always come from well-intentioned, moral individuals. How can they be safeguarded?
- Through improved and adapted insurance that must protect intellectual property by all available means

- Good scientific practice is only the beginning; insurance is part of the investment essential for upholding ethical principles.
- Perhaps the golden core of science should include both a ring of IT protection and reliable human resources dedicated to scientific security.

- Leaders of scientific teams should be allowed to freely create their own teams in order to avoid obstacles in the wheels of science that works for human well-being.

