

C2: Ethics of evolutionary medicine

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State of the art: Scientific progress in evolutionary medicine causes new ethical questions on the one hand and evolutionary medicine as such is a topic for biomedical ethics in general on the other hand. Questions concerning risk, responsibility, justice and the challenges of personalized medicine are dealing with ethical issues related to evolutionary medicine.

Previous work: In his work on values in bioethics (Quante 2014) on the one hand and in his work on the methodology of biomedical ethics (Quante & Vieth 2002, 2010; Quante & Düber 2016) on the other hand Quante has developed a general conceptual framework for analysing the ethical aspects of new developments in medicine and life sciences. Based on this the new developments in evolutionary medicine will be examined. Furthermore, the dimension of 'personalised medicine', often mentioned in this context, will be analysed based on the conception of personal identity (as principle in biomedical ethics; see Quante 2017).

Working hypothesis and plan: In this project the ethics of evolutionary medicine, based on philosophical ethics and biomedical ethics will be developed. Taking principlism as a starting point the ethical dimensions, tensions, conflicts and general problems will be identified. Using concrete examples from within the RTG and within interdisciplinary debate main ethical questions in evolutionary ethics will be examined. The aim is to present an ethical analysis which takes the different ethical aspects into account and develops a plausible ethical conclusion specifying and balancing these ethical features.

Literature:

1. English

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- Quante M, Vieth A (2002) *In defence of principlism well understood*. *Medicine and Philosophy*, 27, p. 621-649
- Quante M, Vieth A (2010) *The structure of perception in particularist ethics*. *Ethical Perspectives*, 17, p. 5-39

2. German

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- Quante M (2017) *Einführung in die Allgemeine Ethik*. 6. Auflage. Darmstadt: WBG [ISBN 978-3-534-74334-6](https://www.isbn-international.org/view/title/978-3-534-74334-6)
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