

Moral Bioenhancement: A Discussion of the Conceptual
and Practical Considerations

by

Nicholas Schroeder

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Abstract

University of Manitoba

Nicholas Schroeder

Masters of Arts in Philosophy

Moral Bioenhancement: A Discussion of the Conceptual and Practical Considerations

In recent literature, there has been much debate about the conceptual and practical considerations for moral bioenhancement. Many authors offer competing views on what moral bioenhancement might be. Furthermore, authors argue that if moral bioenhancement were safe and effective, then how a project to biomedically enhance the moral character of humanity could look. In this thesis, I explore many of the dominant understandings and definitions of moral bioenhancement. Specifically, I examine the distinction between treatment and enhancement, a welfarist definition of enhancement and three conceptions of moral bioenhancement offered by Douglas (2008), DeGrazia (2014), and Ahlskog (2017). I then present the definition of moral bioenhancement I believe to be most defensible and plausible. I go on to defend this definition from criticisms which argue that any conception of moral bioenhancement requires a consensus on what comprises a morally desirable action. The next two sections of this thesis explore the potential goals and implementation methods of a moral bioenhancement project. I first examine the universal and compulsory version of a moral bioenhancement project favoured by Persson and Savulescu (2008) which aims to mitigate the threat of catastrophic harms to humanity. I argue that such a project would be implausible to implement and would unacceptably limit individual freedom. However, I defend a position offered by Persson and Savulescu's that argues

there are no important differences between moral bioenhancement and traditional moral enhancement in respect to free will. Lastly, I present a more plausible and defensible version of a moral bioenhancement project which relies on voluntary and partial moral bioenhancement. I outline the goal of this moral bioenhancement project as reducing all societal harms rather than merely avoiding existential threats to humanity and argue that this goal is more defensible than Persson and Savulescu's project. I then defend a voluntary and partial moral bioenhancement project from the criticism that argues any such project which relies on individuals voluntarily undergoing moral bioenhancement would fail as it would require people to be sufficiently morally motivated to begin with. I argue that there is, at least, a plausibility that voluntary moral bioenhancement could be prudentially good and that self-interested individuals could be sufficiently motivated to undergo such a project. I conclude by saying that much more research into moral bioenhancement is necessary to make such a project even a distant future possibility. Furthermore, any plausible moral bioenhancement project must be accompanied by an education program.

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Dedication

I dedicate this project to my family:

Mary, Uwe, Mackenzie, Erin

and all the others who have helped me along the way.

Thank you for your enduring love, encouragement, and support.

Introduction

In recent literature, there has been much debate about the conceptual and practical considerations for moral bioenhancement. Many authors offer competing views on what a moral bioenhancement is and how it could be used to benefit humanity. In this thesis, I attempt to untangle some of the dominant views and definitions of moral bioenhancement. I then offer what I believe to be the most defensible definition of moral bioenhancement. Following the conceptual discussion, I explore an argument that moral bioenhancement and traditional moral enhancement are indiscernible with respect to free will. I then go on to examine the goals and implementation methods of two contrasting moral bioenhancement projects: compulsory and universal moral bioenhancement and voluntary moral bioenhancement.

In Section 1, I begin by discussing the distinction between treatment and enhancement. One potential way of understanding an enhancement is to contrast it with a treatment. Treatments are often understood as interventions to restore normal human functioning whereas enhancements are interventions which aim to surpass normal human functioning. I argue that such a distinction is challenging to make because there is often no clear way to tell if an intervention is treating or enhancing an individual. Moreover, drawing a distinction between treatment and enhancement becomes more challenging when moving from physical enhancements to moral bioenhancements. I, therefore, suggest to abandon this method of understanding enhancement and instead look to an individual welfarist definition of enhancement provided by Savulescu (2006). I argue that this definition, when amended for societal welfare rather than individual welfare, is helpful to understand what a moral enhancement could be. I then go on to discuss two different definitions of moral bioenhancements: one from Douglas (2008), who argues for improving moral motivations by

by arguing that moral bioenhancement merely increases the influence of moral motivations in the same way as traditional moral enhancement, therefore nothing of value is lost by adopting moral bioenhancement over traditional moral enhancement.

Section 3 examines a different approach to moral bioenhancement, specifically voluntary moral bioenhancement. This section begins by discussing a more defensible goal for a moral bioenhancement project which is the reduction of all societal harms. I argue that moral bioenhancement ought to address all social harms rather than merely the existential threats identified by Persson and Savulescu. I go on to suggest that a more defensible moral bioenhancement project would rely on voluntary moral bioenhancement. I then defend a voluntary and partial moral bioenhancement project from the criticism that argues any such project which relies on individuals voluntarily undergoing moral bioenhancement would fail as it would require people to be sufficiently morally motivated to begin with. I argue that there is, at least, a plausibility that voluntary moral bioenhancement could be prudentially good and that self-interested individuals could be sufficiently motivated to undergo such a project.

I conclude by saying that much more research into moral bioenhancement is necessary to make such a project even a distant future possibility. Furthermore, any plausible and defensible moral bioenhancement project must be accompanied by an education program to improve insight along with improved moral motivations.

This example shows that moral bioenhancement, like traditional moral enhancement, will not automatically cause a person to behave in the most effective ways to bring about pro-social outcomes. However, moral bioenhancement might have the added benefit of increasing the likelihood that a person such as Randy would change his beliefs when presented with the proper insight. At least in this way, moral bioenhancement is not conceptually different than traditional moral enhancement; however, it could be more effective in reaching the same desired goals more quickly.

Now that the goal of the moral bioenhancement project is to reduce all harms as much as possible, the next step is to examine how such a project could be implemented. The first way that a moral bioenhancement project could be implemented is through compulsory, universal moral bioenhancement. This is the sort of project for which Persson and Savulescu argue. As I have argued previously, there are serious problems for a moral bioenhancement project that relies on compulsory and universal moral enhancement. One problem was the possibility of insufficient motivations for certain countries to morally bioenhance their populations. An example of this could be a government which is oppressing a minority group. Such a government would likely not want their citizens to have improved moral motivations as they might act to increase the welfare for all, including the oppressed. However, a version of a compulsory and universal moral bioenhancement project that is limited to countries that already find such a project desirable would not have this problem. For instance, Canada might recognize the existential threat of catastrophic harm and agree that there is an urgency to address it. Or, it may believe that moral bioenhancement could drastically reduce social harms. The existential threats or desire for increased welfare for all people may motivate Canada to implement a compulsory moral bioenhancement project. Countries which do not share these prior motivations would not take

