Physiological Implications of Impaired de Novo Coenzyme A Biosynthesis in Drosophila melanogaster

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“Progress in many fields of inquiry is measured not by mere discoveries (however enumerated) but by the deepening of the questions people ask of nature. It is no scandal that many of the questions now in people’s minds are extensions of questions asked by Aristotle and his contemporaries. They have become more interesting questions, and they are more taxing. Quite apart from the clamant demand for more applications of science, there is also not yet an end in sight to the process of inquiry. The problems that remain unsolved are gargantuan. They will occupy our children and their children and on and on for centuries to come, perhaps even for the rest of time.” [Sir J. Maddox]

Somewhere in this process, approximately 4 years ago, I also, entered this stage of questioning how nature works and hopefully helped in my own little way to deepen the questions we ask. Four years I’ve been studying several aspects in biology and although the nature of the questions varied a lot, all answers were inferred from studies performed in Drosophila. However, non of the answers presented in this thesis were possible without help of the following people, whose combined activities converged in space-time and that allowed the creation of a moment in time in which these answers represent the truth and therefore deepened the original questions.

Firstly, I like to thank Drosophila melanogaster, as a species oppressed in laboratories everywhere around the world for more than a century by cruel and crazy scientist, these bugs are truly the victims of systematic mass murder and their contribution to science should not be underestimated.

Nonetheless, doing research with flies is, however unfortunate for them, fun to do and therefore I like to thank my supervisor/copromotor dr. Ody C.M. Sibon who made it possible for me to date flies. Ody, perhaps the best compliment is that I adopted the fly as my favorite model to conduct cruel and oppressive, however elegant research far into the 21st century. At least I hope.

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