

Vitiligo Research Update

First off, I would like to thank all of the customers that have provided invaluable feedback over the past year as it relates to treating Vitiligo. There have been numerous success stories, similar to my own, which are always encouraging to hear. In starting this listing, I hoped to not only provide an economical solution to the problem, but also a means to further my research and understanding of the condition. I hope to outline the latter in the information provided below.

PC-KUS:

Within a year's time, I was able to repigment approximately 85% of my Vitiligo. This excludes macules located on the extremities, which have shown no response to date. This was somewhat expected given the lack of hair follicles; numerous publications point to the importance of follicular repigmentation as it relates to Vitiligo.

Upon successful repigmentation, I decided to run a control experiment to see how an area that was successfully repigmented would respond once treatment was ceased. After approximately 3 months, it was clear that a significant portion of the repigmented area had been lost.

This is an interesting finding and aligns well with the disclaimer posted within the listing...

"The above protocol does not address the underlying cause of Vitiligo, but does treat its symptoms per various journal publications (diminished catalase and calcium levels in conjunction with elevated peroxide levels)."

Unfortunately, there seems to be a larger underlying issue at play. This will be the main focus of my research moving forward. It is encouraging, however, to note that Vitiligo macules can indeed be repigmented with proper treatment!

New Research:

Moving forward, a greater emphasis will be placed on...

- 1) The role diet and gut dysbiosis play with respect to Vitiligo
- 2) Peptide synthesis as it relates to melanocyte adhesion and migration

1) Diet & Gut Dysbiosis

Diet has always been at the forefront of Vitiligo treatment. For the sake of brevity, I am going to post links to two of the more intriguing blogs that I have stumbled upon as it relates to dietary improvement. The last link references a company that sequences the human microbiome. I have no affiliation with any of the links provided. All of this information has proven invaluable and thus beneficial starting points for anyone looking to improve their microbiota.

- <http://gutcritters.com/>

- <http://www.thevitpro.com/vitiligo-blog>

- <http://ubiome.com/>

2) Melanocyte Adhesion

The publication below is a somewhat novel approach to treatment, but one that was of particular interest given the similarities with my own treatment response.

http://www.researchforvitiligo.com/2/mia_protein_and_vitiligo_2910845.html

I am currently synthesizing and testing various topical peptides in an effort to restore melanocyte adhesion at the basal membrane. Updates will be provided as to their efficacy moving forward.

**I hope the aforementioned information serves as a quick snapshot regarding the progress and direction of this listing moving forward. As always, feel free to contact me at pseudocatalase@gmail.com with any questions, concerns, or comments.