Taj Taher

Annotated Bibliography – Androgenetic Alopecia

Trueb RM. Molecular mechanisms of Androgenetic alopecia. Experimental Gerontology. 2002 Aug 9; 37(8-9); 981-990. Available from: <http://www.sciencedirect.com.offcampus.lib.washington.edu/science/article/pii/S0531556502000931>

*This is base pad for my research project as it describes the basics of my topic. In addition, it’s not so advanced that I can’t understand it and it provides several diagrams that help illustrate the complex molecular mechanisms. While I realize that this source is older, the content has not really changed, and this source does the best job of detailing the disease in an approachable manner.*

Shamsaldeen OS, Mubki TA, Shapiro J. Topical Agents for Hair Growth Promotion: What is Out There? Skin Therapy Letter [Internet]. 2013 May 28. Available from: <http://www.skintherapyletter.com/2013/18.4/2.html>

*One of the subtopics I will touch against are the variety of treatments available for balding. This source details one of the most popular treatments, along with several other treatments in development. These other treatments will help when I talk about where research should go to address the issue.*

Chin EY. Androgenetic alopecia (male pattern hair loss) in the United States: What treatments should primary care providers recommend? Journal of the American Association of Nurse Practitioners. 2013 May 7; 25(8); 395-401. Available from: <http://onlinelibrary.wiley.com/doi/10.1111/1745-7599.12030/full>

*This article details the other major treatment for balding. It is also written from the perspective of practitioner rather than researcher, giving the subject a more tangible sense, but it does provide an overview of where research could go in resolving the ailment.*

Levy LL, Emer JJ. Female pattern alopecia: current perspectives. International Journal of Women’s Health [Internet]. 2013 Aug 29; 2013 (5); 541-556. Available from: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3769411/#__ffn_sectitle>

*Taking your guy’s advice, I’ll also be looking at Female Pattern Baldness. This source details that disease, in particular the slightly altered etiology. Additionally, it addresses a treatment approach that differs from that of men.*

Musa R. Folk Remedies for Alopecia. Clinics in Dermatology. 2013 Jul-Aug; 31(5); 498-500. Available from: <http://www.sciencedirect.com/science/article/pii/S0738081X13000679>

*Obviously people didn’t start balding recently, and this article provides some historical context for the disease. Giving us a sense of scope for the issue, it provides some fun facts about the development in understanding the disease and remedies that came about because of it.*

Nonomura Y, Otsuka A, Inui S, Miyachi Y, Kabashima K. Female pattern hair loss possibly caused by tamoxifen: Androgen receptor expression in the outer root sheath in the affected area. The Journal of Dermatology [Internet]. 2012 Aug 20; 39(12); 1060-1061. Available from: <http://onlinelibrary.wiley.com/doi/10.1111/j.1346-8138.2012.01632.x/full>

*This source builds upon the Levy and Emer’s article on Female Pattern Baldness by giving a name to one of the compounds involved in etiology. It illustrates the complexity of the disease and the many layers to it (ie genetic, hormonal, etc.).*

Tabolli S, Sampogna F, Pietro C, Mannooranparampil TJ, Ribuffo M, Abeni D. Health Status, Coping Strategies, and Alexithymia in Subjects with Androgenetic Alopecia. Am J Clin Dermatol [Internet]. 2013 Feb 15; 14; 139-145. Available from: <http://web.a.ebscohost.com.offcampus.lib.washington.edu/ehost/pdfviewer/pdfviewer?sid=577064d3-31aa-4a1d-9a29-f136f750bacf%40sessionmgr4002&vid=2&hid=4107>

*After describing the disease, I hope to answer the question of why it matters. This source allows me to do that, as it contains information regarding the psychological effects on affected individuals. There is concrete evidence here, as opposed to me just saying “it sucks”.*

Su L, Chen L, Lin S, Chen H. Association of Androgenetic Alopecia With Mortality From Diabetes Mellitus and Heart Disease. JAMA Dermatol. 2012 December 30; 149(5); 601-606. Available from: <http://archderm.jamanetwork.com/article.aspx?articleid=1688048#ArticleInformation>

*This article deepens the question of why it matters. I’m going to open up the presentation by acknowledging that male pattern baldness isn’t a life threatening disease, but as this source shows, it is associated with many diseases that are life threatening. This will give credence to my call to intensify research on the topic and not dismiss it.*

Avci P, Gupta G, Clark J, Wikonkal N, Hamblin M. Low-level laser (light) therapy (LLLT) for treatment of hair loss. Lasers in Surgery and Medicine [Internet]. 2013 Aug 23. Available from: <http://onlinelibrary.wiley.com/doi/10.1002/lsm.22170/citedby>

*This is just another article describing treatment for hair loss, and while several other articles briefly mention this form of treatment, this article does a better job of explaining the mechanisms behind it. It also provides some data from clinical trials.*

Fillon M. Researchers Link Early Hair Loss and Prostate Cancer. JNCI. 2013 Aug 16; 105(17); 1258-1259. Available from: <http://jnci.oxfordjournals.org/content/105/17/1258.long>

*Again questioning AGA’s pertinence, this article links male pattern baldness with prostate cancer. It synthesizes the results of many experiments, acknowledging the conflicting perspectives on the relation between the two. The fact that there’s a debate at all makes this subtopic worth mentioning, and this source provides the means to do that.*

Taj, great reference choices! And now that I’ve gone through the entire document, I think having the older article as your base sounds like a great idea. I appreciate that you incorporated our idea of looking into alopecia in women. Additionally, I appreciate you explaining *why* you were using each article. Looking forward to your presentation!! – Yuki

Taj – I’d like to echo Yuki’s comments above. Glad that you are taking our advice (although, as you build your draft slides and find that it’s too hard to get all of that information in the 5 min. time limit, you don’t need to worry about it. At least you have done the research though and can answer audience questions should they ask. You found a lot of great varied sources and seems like you’ve put a lot of thought into how you will use each article. Great job! - Nicole