

Treatment of Psoriasis with Fumarates and other Systemic Therapies

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1. The physical and psychological impacts of psoriasis are comparable to those of cancer, heart disease, diabetes, or depression. *This thesis*
2. In this era of expensive biologics there is a great need for an effective and low-cost treatment, such as fumarates, as compared with biological treatments with long-term efficacy and safety. *This thesis*
3. Fumarates and Methotrexate are equally effective. *This thesis*
4. We recommend the use of fumarates as a first-line therapy, especially in young adults, before or instead of using UVB phototherapy. *This thesis*
5. Despite the fact that fumarates is not registered in the rest of the world, it is increasingly being used as unlicensed treatment in several European countries. *This thesis*
6. IL-1 is an early activator of innate lymphoid cell (ILC)2 function and has an important role in the conversion of these cells into ILC1 cells.
Ohne Y, Silver JS, Thompson-Snipes L, et al., Nat Immunol. 2016
7. Not only dimethyl fumarate, but also phosphodiesterase 4 inhibitors and Janus kinase inhibitors all interact with Th17 immune responses.
Volc S, Ghoreschi K, J Dtsch Dermatol Ges. 2016
8. TNF- α inhibitors treatment ameliorates coronary microvascular dysfunction (CMD) in patients with established psoriasis not responding to long-term conventional therapy.
Piaserico S, Osto E, Famoso G, Zanetti I, et al. Atherosclerosis 2016
9. All animals are equal but some are more equal than others.
George Orwell
10. Put all your beliefs into harmony with science; there can be no opposition, for truth is one.
Sir Abdu'l - Baha Abbas
11. Es rühme sich nicht, wer sein Vaterland liebt, sondern wer die ganze Welt liebt. Die Erde ist nur ein Land, und alle Menschen sind seine Bürger.
Baha'u'llah