Studies on the Human Dandruff Allergen

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(I) The non-dialyzable constituents of aqueous extracts of normal human dandruff and partial purification of the allergen.
(II) Clinical and chemical demonstration of the presence of human dandruff allergen in normal sweat.

About 75% of the non-dialyzable constituents in aqueous dander extracts is inactive in skin tests in atopic patients. Normal human scalp dandruff contains a constant amount of 0.5-0.6% of the specific allergen, which was identified as a glycoprotein. Normal sweat contains about 10 times less of this glycoprotein, but on concentration of the sweat proteins a positive and significant correlation was found between skin reactions to human dandruff and to normal sweat.

A detailed account of this work will be published in due course.