〔Skin, **28**, 272 (1986)〕

## A Case of Eruptive Vellus Hair Cysts.

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One case of eruptive vellus hair cysts is described. A 21-years old woman has noticed a papular eruption on the chest, abdomen and posterior of the thigh for about five years. Biopsy specimens demonstrated cysts in the middle dermis that contained keratinous material and vellus hair shaft. Serial sections showed that the hair follicle attached to the cyst. we analyzed the lipid contents of the cyst. This result showed the mixture patterns of sebaseous gland and epidermis.

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## Competitive Enzyme Immunoassay for Anti-ulcer Agent, (−)-*cis*-2,3-Dihydro-3-(4-methylpiperazinylmethyl)-2-phenyl-1,5-benzothiazepin-4(5*H*)-one Hydrochloride (BTM-1086).

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An enzyme immunoassay for an anti-ulcer agant, BTM-1086 was established. It was based on the double antibody solid phase procedure. The antisera to BTM-1086 were raised in rabbits by immunization with BTM-1086-ovalbumin conjugate. The formation of sulfoxide and the lack of a methyl group in the thiazepine ring and the piperazine ring, respectively, of the BTM-1086 skeleton markedly decreased the binding affinity for the antibody. This enzyme immunoassay has high sensitivity, and the results are reproducible. The time course of serum BTM-1086 level was also examined after a single intravenous administration in rats.

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## A Branched (1→3)-β-D-Glucan from a Water Extract of *Dictyophora indusiata* Fisch

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A water-soluble, (1→6)-branched, (1→3)-β-D-glucan (T-3-G), $[\alpha]_D^{27}$ +40.8° (*c* 0.123, water), was isolated from a hot-water extract of the fruit bodies of *Dictyophora indusiata* FISCH. T-3-G was homogeneous as judged by ultracentrifugal analysis, Tiselius-type electrophoresis, and gel filtration. By gel filtration on Sepharose CL-2B, with 0.25M sodium hydroxide as the eluant, the molecular weight of T-3-G was estimated to be $\sim 5.1 \times 10^5$. From the results of methylation analysis, periodate oxidation, Smith degradation, and enzymic hydrolysis, it was concluded that T-3-G has a main chain composed of β-(1→3)-linked D-glucopyranosyl residues, and two single, β-(1→6)-linked D-glucopyranosyl groups attached as side chains to, on average, every five sugar residues of the main chain.