



ABSTRACTS
FOURTH INTERNATIONAL SYMPOSIUM
OF ATOPIC DERMATITIS

MAY 26—29, 1991
HOTEL NORGE
BERGEN, NORWAY

Monday, May 27, 1991

Morning session.

The secular change in the occurrence of atopic dermatitis.
Schultz Larsen, F. (Fredericia, Denmark).

Recent epidemiological and genetic studies in atopic dermatitis. Diepgen, T. L. (U. of Erlangen, Germany).

Prevalence of atopic dermatitis among school children in Northern Norway. Falk, E.S., Bolle, R. (U. of Tromsø, Norway).

Reevaluation of the skin lesion distribution in atopic dermatitis. Analysis of cases from 0 to 9 years. Aoki, T., Adachi, J., Endo, K., Hukuzumi, T., & Kojima, M. (Habikino Hosp. Osaka, Japan).

Factors influencing the localization of atopic dermatitis. Bonifazi, E. (U. of Bari, Italy).

The barrier function in atopic xerosis-disturbance of lamellar bodies and epidermal lipids. An ultrastructural study. Fartasch, M. (U. of Erlangen, Germany).

Microbiological study of atopic eczema. Goodyear, H.M., Watson, P.J., Egan, S.A. et.al. (Hosp. for Sick Children, London, England).

ADASI: the new scoring system for the assessment of disease severity, combined with trend analysis and time series methods. Bahmer, F.A. (U. of Hamburg/Saar, Germany).

The immunopathogenic role of food hypersensitivity in atopic dermatitis. Sampson, H.A. (U. Johns Hopkins, Baltimore, USA).

Monday.

Afternoon session.

Type I allergy to foods in atopic dermatitis: comparison between RAST-positive and RAST-negative cases. Uehara, M. (U. of Shiga, Seta, Japan).

Food immediate contact hypersensitivity (FICH) and elimination diet in atopic dermatitis. Oranje, A.P., Aarsen, R.SR., Mulder, P.G.H., van Toorenbergen A.W. et al. (U. of Rotterdam, The Netherlands).

Role of environmental pollution in the development of atopic disease. Ring, J., Kunz, B., Vieluf, D., Gries, A. et al. (Dept. of Dermatology, U. of Hamburg, Dept. of Derm., Inst. for Med. Statistics, Inst. for Balneology, Munich, Germany).

A study of immunoresponsiveness to wheat-specific IgG, IgA of IgE antibody assay and by immunoblotting with sera from patients with atopic dermatitis. Yokota, S., Kazufumi, T., Shimizu, U., Takahashi, K. et al. (U. of Yokohama, Japan).

The role of *Pityrosporum ovale* in atopic dermatitis: a culture and immunological study. Fergemann, J. (U. of Gothenburg, Sweden).

Contact sensitivity to *Pityrosporon ovale* in patients with atopic dermatitis. Tagami, H., Rokugo, M., Usuba, Y., Tomita, Y. (U. of Tohoku, Sendai, Japan).

Relationship between mite antigens for type I and type IV allergy in atopic dermatitis. Sasaki, K., Sugiura, H., Uehara, M., Ishida, T & Horiike, K. (U. of Shiga, Seta, Japan).

Atopic sensitization to *Pityrosporon orbiculare* and *Trichophyton rubrum* in children with atopic eczema. Lindgren, L., Johansson, S.G.O., Johansson, S., Nordvall, S.L. et al. (Dept. of Pædiatr. St Göran Hosp., Dept. of Clin. Immun & Dermatology, Karolinska Hosp. Stockholm, Sweden).

Tuesday.

Afternoon session.

Effects of ultraviolet irradiation on epidermal cells possible mechanism of action in atopic eczema. Ruzicka, T. & Kemeny, L. (U. of Munich, Germany).

Are disturbances of w-6-fatty acid metabolism involved in the pathogenesis of atopy? Melnik, B., Plewig, G. (U. of Düsseldorf, Germany).

Abnormalities of cutaneous microcirculation in atopic eczematics. Hornstein, O. (U. of Erlangen, Germany).

Neuropeptides and atopic dermatitis. Giannetti, A., Pincelli, C., Fantini, F. (U. of Modena, Italy).

Abnormal cutaneous neurosensitivity in atopic skin. Heyer, G., Hornstein, O.P., Handwerker, H.O. (U. of Erlangen, Germany).

Frequency of allergic contact eczema in adult patients with atopic dermatitis. Lever, R., Forsyth, A. (Western Infirmary, Glasgow, England).

Tuesday, May 28, 1991

Morning session.

IgE receptor expression on Langerhans cells in atopic eczema. Bieber, T. (U. of Munich, Germany).

The role of Fce RII/CD 23 positive lymphocytes in the pathogenesis of atopic dermatitis. Takigawa, M., Sakamoto, T., Tamamori, T. & Nakayama, F. U. of Hamamatsu, Japan).

Role of cytokines for diagnosis and monitoring of atopic dermatitis. Kapp, A. U. of Freiburg, Germany).

Serine proteinases from Staph. aureus are potent inducers of cytokines in monocytes, relevance for immune stimulation in atopic dermatitis. Thestrup-Pedersen, K., Kristensen, M., Baran, K., Deleuran, B. et.al. (U. of Århus, Denmark).

The expression and excretion of cytokines from purified monocytes and lymphocytes from patients with atopic dermatitis. Thestrup-Pedersen, K., Schade Larsen, C., Zochariae, C., Deleuran, B. et.al. (U. of Århus, Denmark).

The role of histamine and cytokines in the pathogenesis of itch in atopic dermatitis. Wahlgren, C.F., Hägermark, Ö. (Karolinska Hosp. Stockholm, Sweden).

Positive antinuclear antibody in severe atopic dermatitis. Taniguchi, Y., Yamakami, A., Sakamoto, T, Nakamura, Y. et al. (U. of Mie, Tsu, Japan).

Study of circulating immune complexes in atopic dermatitis. Schneider, I., Telegdy, E. (U. of Pécs, Hungary).

Atopic dermatitis and bronchial hyperreactivity. Fabrizi, G. & Corbo, G.M. (Catholic U., Roma, Italy).

Mast cell invasion of peripheral nerve in skin lesions of atopic dermatitis. Sugiura, H., Maeda, T. & Uehara, M. (U. of Shiga, Seta, Japan).

Wednesday, May 29, 1991

Morning session.

Effect of short-term egg exclusion on infantile atopic dermatitis and its relation to egg allergy. A single blind test. Aoki, T., Kojima, M., Adachi, J & Okano. (Habikino Hosp. Osaka, Japan).

Mass trial of hypoallergenic rice produced by enzymatic digestion in atopic dermatitis. Ikezawa, Z. (U. of Yokohama, Japan). & the Hypoallergenic Rice Shiseido - I Group.

Extreme dietary measures in the management of childhood atopic dermatitis. David, T.J. (U. of Manchester, England).

Management of severe atopic dermatitis. De Prost, Y. (Hosp. Necker, Paris, France).

The role of PUVA in severe atopic dermatitis in children. Sheehan, M. (Hosp. for Sick Children, London, England).

High Dose-UVA radiation-therapy in the treatment of atopic dermatitis. Krutman, J., Schöpf, E. (U. of Freiburg, Germany).

Treatment with traditional chinese medicinal plants. Atherton, D., Sheehan, M.B., Bing Hui Luo. (Hosp. for Sick Children, London, England).

Use of alternative medicine by patients with atopic dermatitis. Jensen, P. (Rikshospitalet, Oslo Norway).

"Wet wraps" for the treatment of acute erythrodermic eczema. Harper, J.I., Goodyear, H.M., Spowart, K. (Hosp for Sick Children. London, England).

Self hypnosis - a valuable adjunct in the treatment of atopic dermatitis. Glover, M. (Hosp. for Sick Children, London, England).

Oral Becotide - a novel and effective treatment for difficult atopic dermatitis. Aylett, S. (Hosp. for Sick Children, London, England).

Treatment of therapy-unresponsive atopic dermatitis with clobetasol propionate and a hydrocolloid occlusive dressing. Volden, G. (U. of Trondheim, Norway).

Use of liposome preparations to increase the benefit-risk ratio of glucocorticoid treatment for eczema. Korting, H.C., Schäfer-Korting, M. & Zienicke, H. (U. of Munich, Germany).

Allergen-antibody complexes in the treatment of atopic dermatitis: Preliminary results of a double-blind clinical trial. Leroy, B., Jacquemin, M., Lachapelle, J.-M. & Saint-Remy, J.-M. (U. Catholique, Louvain, Brussels, Belgium).