We thank Barrier Therapeutics, Geel, Belgium, for the sponsoring of the conference dinner on 7th October and the service during the symposium.

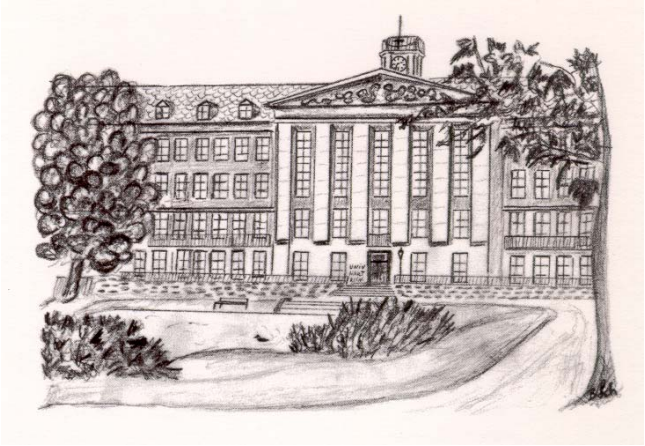
Gefördert vom
Bundesministerium
für Bildung
und Forschung

NIRK
NETWORK FOR ICHTHYOSES AND RELATED KERATINIZATION DISORDERS

geneSkin

Recent advances in ichthyoses and related keratinization disorders

Symposium of the network NIRK
8th October, 2005
9.00 a.m. – 6.00 p.m.



University Hospital
Department of Dermatology
Von-Esmarch-Str. 58
48149 Münster, Germany
Lecture room

Program

October 7, 2005

16:30 Sightseeing Tour around Münster

19:00 Conference Dinner

Barrier Therapeutics
Turning Science into Practice

Restaurant Il Pomodoro, Warendorfer Str. 44, Münster

October 8, 2005

9.00 **Greetings and Welcome**

Prof. Dr. T. Luger
Head of Department of Dermatology

Prof. Dr. H. Jürgens
Dean of Medical Faculty, University of Münster

Dr. R. Schuster
DLR-PT and BMBF

9.10 H. Traupe Introduction

The clinical and information technology perspective

9.15 A. Vahlquist, Uppsala:
Clinical spectrum of congenital ichthyoses

9.35 W. Küster, Bad Salzschlirf:
Therapy of ichthyoses and the NIRK registry in Germany

9.55 L. Milstone, New Haven:
Complementary American Organizations: Foundation for Ichthyosis and Related Skin Types (FIRST) and the National Registry for Ichthyosis and Related Disorders

10.15 L. Brinkmann, Münster:
Information Technology for Networks and the NIRK data bank

10.30 Coffee Break

Biologic mechanisms in epidermal differentiation

11.00 E. Sprecher, Haifa:
CEDNIK syndrome: a novel neurocutaneous syndrome demonstrating a role for SNARE proteins in epidermal differentiation

11.20 D. Aeschlimann, Cardiff:
Transglutaminases and the cornified envelope

11.40 H.J. Mägert, Köthen:
The role of LEKTI in the epidermis

12.00 J. Schalkwijk, Nijmegen:
Abnormal cornification in cystatin M/E deficient mice

12.20 J. Fischer, Paris:
Distribution of mutations in genes underlying ARCI including harlequin ichthyosis

12.40 Lunch Break

Results from the Network NIRK

14.30 I. Hausser, Heidelberg:
Ultrastructural aberrations as clues for diagnosis and pathogenesis of heritable keratinization disorders

14.50 M. Arin, Köln:
Advances in understanding keratin 9 and other keratin disorders

15.10 H.C. Hennies, Köln:
Mutation spectrum and functional analysis of epidermis-type lipoxygenases 12R-LOX and eLOX3 and mutation spectrum in the gene for ichthyin

15.30 K.H. Grzeschik, Marburg:
Functional understanding of NSDHL mutations in Child-Syndrome

15.50 K. Aufenvenne, Münster:
Towards enzyme substitution therapy of transglutaminase-1 deficient lamellar Ichthyosis.

16.10 Coffee Break

Network associated projects and free communications

16.30 D. Metze, Münster:
Histologic diagnosis of ichthyoses

16.45 M. Braun-Falco, Munich:
rAAV-2-mediated gene transfer of functional fatty aldehyde dehydrogenase gene restores defective FALDH activity in cells of Sjögren-Larsson Syndrome

17.00 J. Frank, Maastricht:
Cutanous mosaicism in cornification disorders

17.20 M. Schmuth, Innsbruck:
Epidermal Structure and Function in Ichthyosis Vulgaris

End of the meeting: 18.00