The following titles are part of the New York Academy of Medicine Collection of International Medical Theses, housed at the University of North Carolina at Chapel Hill's Health Sciences Library. The collection consists of tens of thousands of post-1801 theses in multiple languages from leading medical schools throughout the world. Europe is well represented, with many theses originating from universities in Germany, France, the Netherlands, Spain, Sweden, and Switzerland. Countries with lesser quantities in the collection include Argentina, Brazil, Chile, Algeria, Indonesia, and others.

For a complete listing of titles or to request items, please refer to the finding aid:

http://finding-aids.lib.unc.edu/HC0011/
From the Department of Oral Biology, School of Dentistry, State University of New York at Buffalo, U.S.A.,

the Department of General Dentistry, School of Dental Medicine, University of Connecticut, U.S.A.,

and the Dental Institute of Experimental Research, Dental Faculty, University of Oslo, Norway.

STUDIES ON TISSUE CHANGES IN TEETH WITH DENTINE EXPOSED BY ATTRITION

by

Leif Tronstad
Cand.odont.

A THESIS

Submitted in partial fulfillment of the requirements for the degree of Licentiatus Odontologiae at the Dental Faculty, University of Oslo.

1970
VARIASJONER I KRANIETS BREDDEDIMENSIJONER.

En morfologisk undersøkelse på et norsk skallematerial fra middelalderen.

Av

Olav Slagsvold
Cand.odont.
THE EFFECT OF CHLORHEXIDINE MOUTH WASHES

A 4 months study on 50 soldiers

by

LEIV FLÖTRA

Research Associate
Department of Periodontics, Dental Faculty,
University of Oslo, Norway
TISSUE CHANGES INCIDENT TO MOVEMENT OF RAT MOLARS

by

EINAR KVAM
From the Laboratory of Electron Microscopy, Department of Anatomy, Dental Faculty, University of Oslo, Norway.

ULTRASTRUCTURE
OF OVARIAN INTERSTITIAL TISSUE
IN THE
DOMESTIC FOWL

PART I
Fixation and normal fine structure

PART II
Effects of inhibition and stimulation

by

ERIK DAHL

A THESIS
Submitted in partial fulfillment of the requirements for the degree of Doctor Medicinae at the Medical Faculty, University of Oslo.

1970
A CONTRIBUTION TO THE MORPHOLOGY
OF THE TYMPANIC PLATE
AND NEIGHBOURING STRUCTURES

ANATOMICAL TRAITS

by

BJØRN ODVAR KJØRAAS

cand. odont.

Orthodontic Department, Odontological Institute,
University of Oslo
The Effect of Preventive Measures upon Oral Hygiene and Periodontal Health

By

ÅGE ÅNERUD
CEMENT ECZEMA
and
CHROMIUM ALLERGY
An Epidemiological Investigation
by GUNNAR HOVDING

THE UNIVERSITY OF BERGEN
SCHOOL OF MEDICINE
DEPARTMENT OF DERMATOLOGY
ACKNOWLEDGEMENTS

I am greatly indebted to professor Ingvald Rokstad, M. D., Head of Department of Dermatology, University of Bergen, for stimulating interest in this work.
I offer my heartiest thanks to my friend Niels Hjorth, M. D., the Dermatological Department of the Finsen Institute, for friendly advice, stimulating discussions, and encouragement.

To secretary Hjalmar Pedersen, Murarbeidernes Forening, Bergen, and secretary Anker Andreassen, Muravendenes Fagforening, Bergen, go my grateful acknowledgement for generous cooperation.

I am also greatly indebted to Leo Giezendanner for statistical work and to Mrs. Karin Plekstad for secretarial work.

My special thanks are due to professor Karl Closs, M. D. and Leif Utne, M. D., for reading the manuscript and their friendly encouragement.

To Aktieselskapet Borregaards Forskningsfond goes my grateful appreciation for financial aid.

Oslo, February 1970.
A SURVEY IN NORWAY FOR CAUSES
OF LOSS OF PERMANENT TEETH AND THE NUMBER
OF TEETH REMAINING AFTER EXTRACTION

by

Jan R. [Johansen]
Acknowledgements.

The material for this study was made available by the cooperation of the Norwegian Dental Association and its members. I want to express my gratitude to all dentists participating in the survey for taking the burden of filling out the questionnaires during busy working hours. To Dr. Hivind Karlsen, Secretary of the Norwegian Dental Association and his staff, I am obliged for their help in distributing and collecting the forms.

My sincere thanks are due to Dr. J.F. Volker, President of the University of Alabama in Birmingham and to Dr. Charles A. McCallum, Jr., Dean of the School of Dentistry, University of Alabama in Birmingham for excellent working facilities during the preparation of this paper. I have been privileged to receive both their interest and financial support. Dr. David Hurst, Chairman, Department of Biostatistics, University of Alabama and his staff have performed the detailed statistical analyses. I am specially indebted to him for our inspiring discussions about the lay-out of the statistical design and the interpretation of the results.

During my stay at the University of Alabama I had the pleasure to be attached to the Department of Periodontology. I want to express my deep gratitude to Dr. Wallace V. Hatt, Chairman of the department, for his continued interest in this paper and for our rewarding discussions of problems of mutual interest.

Mrs. Catherine Wenst has performed the secretarial work. It is a pleasure to express my heartfelt gratitude to her for her painstaking efforts in the preparation of several manuscripts and for her understanding attitude.

Oslo, in June 1970

Jan R. Johansen
Human Immunoglobulins

Purification and aspects of physical characterization

By

Ivar Fjellanger
ACKNOWLEDGEMENTS

This study was carried out at the Oslo University Institute of Pathological Anatomy, Immunohistochemical Laboratory. I am greatly indebted to the head of the Institute, Professor O. Torgersen, Dr. med., for placing laboratory facilities at my disposal. I also wish to express my gratitude to J.D. Schults-Haudt, Dr. odont., Ph.D., who introduced me to biochemical research.

I am most obliged to the head of the laboratory, P. Brandtzaeg, cand. odont., M.S., for his interest and valuable suggestions through all phases of this work. Helpful advice from S.T. Gjerulfsen, cand. med., is also acknowledged.

I want to thank M. Harseoe, Dr. med., and Mrs. J. Beverill, Oslo University Institute for Experimental Medical Research, for kind assistance with preparative electrophoresis.

The author has during the investigation been a Research Fellow of the Norwegian Cancer Society (Icandakreftsforskningsutst). The study has been supported by grants from Sev. Dahl's Fund, the Norwegian Research Council for Science and the Humanities, and Tandlaeundervisningsens Fund.

Oslo, November 1970

Ivar Fjellanger
On the cerebellum and its subdivision, as revealed by studies of morphology and ontogenetic development in Cetacea and rat.

By

Helge Kåre Korneliussen

(Anatomical Institute, University of Oslo, Oslo, Norway)
Preface

In the present compilation of publications it is intended to unite the original three papers by means of an introduction and general summary, published as a review article, thus presenting the aim of the investigations as well as the relations between their achievements on the cerebellum and its subdivision. The original publications were planned and carried out as independent investigations, but their common bearing on the same problems is supposed to render them parts of an entity.

The investigations have been carried out at the Anatomical Institute, University of Oslo, mostly under a special research education grant from the Norwegian Research Council for Science and the Humanities. This, as well as additional financial support from the University of Oslo, is gratefully acknowledged.

Throughout these investigations the inspiring guidance of Professor Jan Jansen, M. D., his interest, encouragement, valuable criticism, and aid, have been of great value to me. Thanks are also due to the other members of the staff at the Anatomical Institute, including those of the technical staff that have assisted with the histological sections, drawings, photographs, and typewriting. Especially, the assistance of Mrs. Inger Grynholt, Mrs. Agnes Holter, Mrs. Kari Uvbye, and Mr. Kinar Risnes is acknowledged.

Oslo, January 1970
PREFACE

The present investigation was carried out at the Division for Toxicology of the Norwegian Defence Research Establishment in the period 1965 - 1969 as part of a research programme on chemical transmission in the central nervous system. The chemical transmitters at the synapse are highly vulnerable to the action of drugs, including chemical warfare agents, and studies of the biochemical processes involved in transmission will therefore lead to a better understanding of drug action and, in the case of warfare agents, help to provide a better therapy.

The study was initiated during my visit at the Institute of Animal Physiology, ARC, Babraham, Cambridge, where I had the opportunity to work with Dr V P Whittaker from 1 January 1965 to 1 April 1966 as a research fellow from the Norwegian Council for Scientific and Industrial Research. I wish to express my gratitude to Dr V P Whittaker for his continual interest and encouragement, not only during my stay, but throughout the course of this work.

I also wish to express my thanks to the Director of the NDRE, Mr Finn Lied, for providing adequate facilities and to the Head of the Division for Toxicology, Dr J A B Barstad, for his interest and support during this investigation. I am indebted to Dr J W Boyd, M Israël and J Storm-Mathisen for discussions, and to Mr G H C Dowe, J E Frogner, HAT Saxholm and D Malthe-Sørensen and Mrs K Holte, R Siveland and L Swales for their excellent technical assistance during this investigation. I am grateful to my colleagues at Babraham and Kjeller for the stimulating milieu they provided.

I thank my wife for her patience and understanding throughout the period of this work.

Kjeller, May 1970

Frode Fonnum
HUMAN IMMUNOGLOBULIN A

Purification and aspects of physical characterization

By

Ivar Fjellanger
This study was carried out at the Oslo University Institute of Pathological
Anatomy, Immunohistochemical laboratory. I am greatly indebted to the Head
of the Institute, Professor O. Tøgersen, dr. med., for placing laboratory
facilities at my disposal. I also wish to express my gratitude to S.D. Schultz-
Haudt, dr. odont., Th.D., who introduced me to biochemical research.

I am most obliged to the Head of the laboratory, P. Brundtzaug, cand.
odont., M.S., for his interest and valuable suggestions through all phases
of this work. Helpful advice from S.T. Gjøralvaen, cand. med., is also
acknowledged.

I want to thank W. Harboe, dr. med., and Mrs. J. Deverill, Oslo University
Institute for Experimental Medical Research, for kind assistance with preparative
electrophoresis.

The author has during the investigation been a Research Fellow of the
Norwegian Cancer Society (Landsforeningen mot Kreft). The study has been
supported by grants from Severinsen's Fond, the Norwegian Research Council
for Science and the Humanities, and Tandlægeundersøgningsens Fond.

Oslo, November 1970

Ivar Fjellanger
FAT AND CARBOHYDRATE METABOLISM IN EXERCISE AND RECOVERY, AND ITS DEPENDENCE UPON WORK LOAD SEVERITY
Studies on the Complex of Messenger-RNA and Protein in Mammalian Cells

A comparative study between the complex of complementary RNA and protein in the cell nucleus and the ribonucleoprotein containing rapidly labelled RNA in polyribosomes

By
SJUR OLSNES

UNIVERSITETSFORLAGET
Effects of Chlorpromazine and Related Compounds in the Isolated Rat Heart

By

ASBJÖRN LANGSLET
Cardiac Transplantation

An Experimental Study in Dogs

By

BJARNE K. H. SEMB
Plethysmographic recordings of skin pulses

With special reference to psoriasis, venous leg ulcers and the vasoconstriction of corticosteroids

By

PER THUNE
Aspects of Pepsin Secretion in Man

With Special Reference to the Effect of Pure Natural Secretin on the Gastric Secretion of Pepsin

By

ARNOLD BERSTAD
Studies on Adhesiveness and Phagocytosis by Human Leucocytes

By

BERNT KVARSTEIN
TRENINGSTERAPI VED KORONARE HJERTESYKDOMMER

Med spesiell referanse til virkningen av fysisk trening på maksimalt oksygenopptak og andre arbeidsfysiologiske parametre hos pasienter etter overlevert hjerteinfarkt

ARNE M. BENESTAD

UNIVERSITETSFORLAGET 1971
Oslo – Bergen – Tromsø
Jens Hugo Trumpy

Transneuronal Degeneration in the Pontine Nuclei of the Cat

Part I. Neuronal Changes in Animals of Varying Ages

With 13 Figures

Part II. The Glial Proliferation

With 8 Figures

Springer-Verlag Berlin Heidelberg New York 1971
Calcium and Magnesium Ions and Maintenance of Capillary Permeability Characteristics

A study carried out in an isolated perfused lung preparation

By
GUNNAR NICOLAYSSEN

UNIVERSITETSFORLAGET
Activation of Fatty Acids in Rat Tissues

The intracellular localization of the fatty acid activating enzymes

By
MAGNE AAS
Studies on Plasma Progesterone in Women and Sheep during Pregnancy

By PETTER FYLLING
Aspects of Retinal Detachment

By

PER SYRDALEN

UNIVERSITETSFORLAGET
The Role of the Fusimotor System in Spasticity and Parkinsonian Rigidity

By

PER DIETRICHSON

UNIVERSITETSFORLAGET
ANGIOGRAPHY IN ACUTE MECHANICAL OBSTRUCTION OF THE SMALL INTESTINE

by

TRYGVE AAKHUS

UNIVERSITETSFORLAGET
Oslo - Bergen - Tromsø
EFFECT OF CYCLOPHOSPHAMIDE ON WOUND HEALING

MORPHOLOGIC AND AUTORADIOGRAPHIC INVESTIGATIONS

BY

HENRIK WIE

OSLO 1971
EFFECT OF CYCLOPHOSPHAMIDE ON WOUND HEALING
MORPHOLOGIC AND AUTORADIOGRAPHIC INVESTIGATIONS

BY

HENRIK LIE

OSLO 1971