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DET ODONTOLOGISKE FAKULTET

OVERSIKT OVER
DEN ODONTOLOGISKE VIDEREUTDANNELSE
MED EMNEKATALOG
FOR UNDERVISNINGÅRET 1971-72.

OSLO 1971

From the Anatomical Institute
Anthropological Department, University of Oslo, Norway

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

Klinikk for barnetannpleie og kariesprofylakse
Det odontologiske fakultet
Universitetet i Oslo

DE FORLENGEDE
SUGEVANERS ÅRSAKSFORHOLD

AV
BRYNJOLV ANKE

UNIVERSITETSFORLAGET

T a k k !

For hjelp og oppmuntring ønsker forfatteren å takke følgende institusjoner og personer (oppført alfabetisk) :

Lege Inge Marie W. Anke

Redaktør, dr. med. dent. Walter Drum

Professor, odont. dr. Arne R. Hagen

Kontorfullmektig Anette S. Melsom

Professor, dr. odont. Olav Slagsvold

Professor Charles J. Vincent, D.D.S.

Universitetslektor i sosialpsykologi Berit Ås

Magister i sosiologi Dagfinn Ås

Personalet ved Det odontologiske fakultets bibliotek,
Geitmyrsveien 69

Personalet ved Det odontologiske fakultets fototekniske
laboratorium, Geitmyrsveien 71

En spesiell takk for medvirkning, gode råd og aldri sviktende tålmodighet skal rettes til Berit Ås, Olav Slagsvold, Dagfinn Ås og Charles J. Vincent.

Ely og Sverre E. Anke takkes for finansiell støtte.

Asker i juni 1971

Brynjolv Anke

**OVERJET AND LABIO-LINGUAL POSITION
OF INCISOR TEETH IN TREATED
CLASS II, DIVISION 1
MALOCCLUSIONS**

A CEPHALOMETRIC LONGITUDINAL STUDY

by

BØRGE JOHANNESSEN

Trondheim, Norway

A THESIS

Submitted in partial fulfillment of the requirements for
the degree of Licentiatius Odontologiae at the Dental Faculty,

University of Oslo.

1972

Rolf Møller

OM SAMMENHENG MELLOM
INSTRUMENTLAST OG STERILISASJONSTID
I NOEN STERILISASJONSSYSTEMER

Oslo 1972

Tissue Reactions and
Sealing Properties
of Dental Lining and
Base Materials

by

HARALD M. ERIKSEN

From the Dental Faculty, University of Oslo, Oslo, Norway and
the Royal Dental College, Copenhagen, Denmark

PLAQUE FORMATION AND MICROBIAL COMPOSITION
IN PARTIALLY EDENTULOUS SUBJECTS
WITH AND WITHOUT REMOVABLE DENTURES

A Clinical and Microbiological Study

by

Essam A. El Ghamrawy

Cand. odont.

B.Ch.D., University of Cairo, 1965

Thesis submitted in partial fulfilment of the requirements
for Licentiatatus odontologiae degree at the Dental Faculty,
University of Oslo

Oslo 1972

From the Departments of Microbiology and Pedodontics,
Dental Faculty, University of Oslo, Norway

FIXATION AND DEMINERALIZATION EXPERIMENTS
ON RAT MOLAR TISSUES

Comparison of Perfusion and Immersion Fixation
with Formaldehyde or Glutaraldehyde Fixatives,
and of Demineralization by Ethylenediamine
Tetra-acetate (EDTA) or Nitric Acid

By

SYNNÖVE HEIDE

Cand. odont.

THESIS

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

Oslo 1972

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**Studies on
Immunoglobulins in Rheumatoid
Arthritis and Macroglobulinemia**

By
Kristian Hannestad

DENTAL INSTITUTE OF EXPERIMENTAL RESEARCH
UNIVERSITY OF OSLO

Fluoride in dental plaque

by

Jan Magne Birkeland

A THESIS
UNIVERSITY OF OSLO
1972

DENTAL INSTITUTE OF EXPERIMENTAL RESEARCH
AND ELECTRON MICROSCOPICAL UNIT
FOR BIOLOGICAL SCIENCES
UNIVERSITY OF OSLO

**Tissue changes on
the marginal pressure side
following experimental
tooth movement**

**A histologic, autoradiographic and scanning
electron microscopic study**

by
Einar Kvam

A THESIS
UNIVERSITY OF OSLO
1972

FROM THE DIVISION OF IMMUNOLOGY (HEAD: M. HARBOE)
INSTITUTE OF EXPERIMENTAL MEDICAL RESEARCH,
UNIVERSITY OF OSLO, ULLEVÅL HOSPITAL, OSLO, NORWAY

The Subunit Structure of Immunoglobulin M

BY
BJARTE G. SOLHEIM

UNIVERSITETSFORLAGET

Road Casualties

An epidemiological investigation

by
Olav Bø



UNIVERSITETSFORLAGET 1972

OSLO - BERGEN - TROMSØ

THE CORTICOPONTINE PROJECTION
IN THE CAT

EXPERIMENTAL STUDIES WITH
SILVER IMPREGNATION METHODS

PER BRODAL

ANATOMICAL INSTITUTE
UNIVERSITY OF OSLO

EXTRAIT DES ARCHIVES ITALIENNES DE BIOLOGIE
(Tome 110, fasc. 2, 1972).

RÉDACTION: Via S. Zeno, 31 - 56100 PISA (Italie).

ADMINISTRATION: Università - Lungarno A. Pacinotti, 43 - 56100 PISA (Italie).
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Immunological Studies in Rheumatoid Arthritis

*With Special Reference to
Autoantibodies and Immune Complexes
in the Tissue*

By
EIMAR MUNTHE

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FROM THE INSTITUTE OF MEDICAL GENETICS,
UNIVERSITY OF OSLO, NORWAY

**Studies on
Inherited Antigenic Variation
of Human Serum β -lipoprotein by
Passive Hemagglutination**

By
HELGE BOMAN

UNIVERSITETSFORLAGET
Oslo - Bergen - Tromsø

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KAPTEIN W. WILHELMSSEN OG FRUES BAKTERIOLOGISKE INSTITUTT,
RIKSHOSPITALET, UNIVERSITY OF OSLO, OSLO, NORWAY

Bacteriophage Typing of *Pseudomonas aeruginosa*

By
TOM BERGAN

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FROM THE INSTITUTE OF MEDICAL GENETICS,
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**Studies on the
high density lipoprotein from patients
with familial lecithin:cholesterol
acyltransferase deficiency**

By
HARALD TORSVIK

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Oslo - Bergen - Tromsø

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FROM MEDICAL DEPARTMENT A, RIKSHOSPITALET, OSLO

The Role of Platelets in the Triggering of Intravascular Clotting

*An Experimental Study
in Rabbits*

BY
STEIN A. EVENSEN

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From:
The Organic and High Polymer Department
The Central Institute for Industrial Research
Oslo, Norway

Brittle Polymer Specimens:
SOME ULTIMATE
STRENGTH CONSIDERATIONS

By
Harald Ulvestad

A Thesis
University of Oslo
1973

Johan Throne Holst's Institute for Nutrition Research
The University of Oslo

**Studies on
the Energy State of
Brown Adipose Tissue
Mitochondria**

By

JAN I. PEDERSEN

Universitetsforlagets trykningscentral
Oslo 1973

From The Institute of Neurophysiology, University of Oslo,
Oslo, Norway

A Mechano-Electric Model of the Mammalian Muscle Spindle

By
TORSTEIN RUDJORD

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Trykk: Universitetsforlagets trykningsentral

FROM DEPARTMENT OF MEDICINE (VIII), ULLEVAAL HOSPITAL,
OSLO UNIVERSITY MEDICAL SCHOOL, OSLO, NORWAY

Blood Pressure Proximal and Distal to Arterial Obliterations in the Lower Limb

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Tissue changes in
facial sutures incident to
mechanical influences

An experimental study in Macaca mulatta

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Leif Linge

A THESIS
UNIVERSITY OF OSLO
1973

Central and Peripheral Nervous Control of Colonic Motility in the Cat

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HANS ROSTAD

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**Studies on intact and attrited
human coronal dentin**

by
Leif Tronstad

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1973

FROM THE DEPARTMENT OF PERIODONTOLOGY
DENTAL FACULTY, UNIVERSITY OF OSLO, NORWAY

**A System to Determine
the Periodontal Therapeutic
Needs of a Population -**

time evaluation and
planning of treatment delivery

By

Hamilton T. Bellini

(Assistant Professor, on leave of absence from the
Periodontal Department, School of Dentistry,
Catholic University of Campinas, Brazil)

Universitetsforlagets trykningssentral
Oslo 1973

DENTAL INSTITUTE FOR PATHOLOGY
UNIVERSITY OF OSLO, NORWAY

The Sensitivity of Dentinogenesis in the Rat Incisor to Roentgen Rays and to Cyclophosphamide

By
HANNA STRØMME KOPPANG

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HEMATOLOGICAL RESEARCH LABORATORY, DEPARTMENT IX,
ULLEVÅL HOSPITAL, UNIVERSITY CLINIC, OSLO, NORWAY

Heparin and Blood Platelets

*With special reference
to the influence of heparin
on platelet aggregation*

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CLAS EIKA

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FROM THE INSTITUTE OF NEUROPHYSIOLOGY, UNIVERSITY OF OSLO,
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RIKSHOSPITALET, OSLO, NORWAY

Experimental Studies on the Middle Ear Muscles

By
ERIK TEIG

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Regulation of Hepatic UDP-Glucuronyltransferase

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Arnt Winsnes

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Rabbit Anti Rat Lymphocyte Serum

*A study on the influence of the
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in vivo immunosuppressive activity*

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ARNT JAKOBSEN

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THE EXCITATORY ADRENERGIC RESPONSE
IN GASTRIC SMOOTH MUSCLE

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J. E. W. HAFFNER

FROM THE INSTITUTE OF PHARMACOLOGY — UNIVERSITY OF OSLO

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SURGICAL DEPARTMENT B
RIKSHOSPITALET, OSLO, NORWAY

Blood Circulation in Varicose Veins of the Lower Extremities

By
ROALD I. BJORDAL

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Uterine Blood Flow

*Studies in women
by local hydrogen gas clearance and
electromagnetic flowmetry*

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INGE KLINGENBERG

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INSTITUTE OF PHYSIOLOGY AND
INSTITUTE OF FORENSIC MEDICINE
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**Pulmonary Reactions on
Hemorrhagic Shock and on
Experimentally Induced Intravascular
Blood Platelet Aggregation**

A study in cats

By
GUNNAR BØ and JENS HOGNESTAD

UNIVERSITETSFORLAGET

INSTITUTE OF IMMUNOLOGY AND RHEUMATOLOGY,
RIKSHOSPITALET UNIVERSITY HOSPITAL, OSLO, NORWAY

Human B and T Lymphocytes

Detection and Characterization of Membrane-Bound
Immunoglobulin and Other Lymphocyte Markers

By

STIG S. FRØLAND

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HEMATOLOGICAL SECTION, MEDICAL DEPARTMENT A,
RIKSHOSPITALET, OSLO, NORWAY

Blood Platelet Electrophoretic Mobility

*Relationship to platelet aggregation
and interaction with particles*

By
KJELL ARNE GRØTTUM

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FROM: INSTITUTE FOR THROMBOSIS RESEARCH, UNIVERSITY OF OSLO,
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UNIVERSITY HOSPITAL, RIKSHOSPITALET, OSLO, NORWAY

Kallikrein Activation of Factor VII

By
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On Rapidly Labeled RNA from Rat Liver

*A methodological and
biological study*

By
POVEL N. PAUS

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FROM INSTITUTE FOR SURGICAL RESEARCH, RIKSHOSPITALET, OSLO, NORWAY,
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NATIONAL HEART AND LUNG INSTITUTE, NATIONAL INSTITUTES OF HEALTH,
BETHESDA, MD, 20014, USA.

The Relationship Between Urinary and Kidney Kallikreins in the Rat

By
KJELL NUSTAD

OSLO 1974

FROM THE INSTITUTE FOR EXPERIMENTAL MEDICAL RESEARCH,
UNIVERSITY OF OSLO, AND SURGICAL DEPARTMENT III,
ULLEVÅL HOSPITAL

Factors in Cardiac Regulation of Stroke Volume

By
BJØRN BUGGE-ASPERHEIM

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**Studies on the Effect and Mode
of Action of Chlorhexidine
in Dental Plaque Inhibition**

by
Per Gjermo

A THESIS
UNIVERSITY OF OSLO
1974

RESEARCH LABORATORY OF GASTROENTEROLOGY,
DEPARTMENT IX, INTERNAL MEDICINE, ULLEVÅL HOSPITAL, OSLO,
AND HORMONE AND ISOTOPE LABORATORY, AKER HOSPITAL, OSLO, NORWAY

Studies on the Regulation of the Plasma Gastrin Concentration

By
ERIK SCHRUMPF

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HEMATOLOGICAL RESEARCH LABORATORY, DEPARTMENT IX,
ULLEVÅL HOSPITAL, UNIVERSITY CLINIC, OSLO, NORWAY

Studies on Fibrinogen/Fibrin Degradation Products

*With special reference to characterization,
anticoagulant activity and influence on laboratory assays*

By
HARALD ARNESEN

OSLO 1974

Studies on Soluble Fibrin in Plasma

*With special reference to
the ethanol test*

By
PETER KIERULF

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From Sophies Minde Orthopaedic Hospital
University of Oslo, Norway

Congenital Dislocation of the Hip Joint in Norway

A clinical-epidemiological study

By
INGJALD BJERKREIM

Oslo 1974

Biosynthesis of Phospholipids

*Studies on the Contribution of
Different Pathways in the Rat*

KRISTIAN S. BJERVE

Fellow of The Norwegian
Cancer Society

OSLO 1974

FROM THE DEPARTMENT OF PATHOLOGY, ULLEVÅL HOSPITAL,
UNIVERSITY OF OSLO, OSLO, NORWAY
HEAD: PROFESSOR DR. MED. KRISTEN ARNESEN

Endocrine Aspects of Benign Hyperplasia and Carcinoma of the Human Prostate

*A Morphological Study
in an Autopsy Series*

By
THORSTEIN BACHE HARBITZ
and
OLAV ANTON HAUGEN

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THE HORMONE AND ISOTOPE LABORATORY,
AKER SYKEHUS, OSLO

Ovarian Hormones and the Renin-Aldosterone Axis

*A physiological study
in human subjects*

By
JOHAN A. SUNDSFJORD

OSLO 1974

FROM THE INSTITUTE OF PHARMACOLOGY, UNIVERSITY OF OSLO
OSLO, NORWAY

The Secretory Cycle of the Adrenal Medulla

*A biochemical study of events related to
the release of the catecholamines*

By
GULDBORG SERCK-HANSEN SØVIK

Submitted as a thesis for the degree of Doctor philosophiae
at the University of Oslo

DEPARTMENT OF MICROBIOLOGY, DENTAL FACULTY
UNIVERSITY OF OSLO

Biologic Effects of Dental Restorative Materials

An *In Vitro* Study on
the Mechanism of Cytotoxicity of
Dental Amalgams and Silicate Cement

By
JAKOB LEIRSKAR

A Thesis
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1974

Studies on the Regulation of Gastric Intrinsic Factor Secretion in Man

By
MORTEN H. VATN

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1974

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Factors influencing infarct size following
coronary artery occlusion

JOHN K. KJEKSHUS

*(Institute for Experimental Medical Research, University of
Oslo, Ullevål Hospital.)*

1974
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SIMULATION OF THE INDIVIDUAL CARDIOVASCULAR SYSTEM

- A PILOT STUDY -

by

Rune Aaslid



UNIVERSITETET I TRONDHEIM
NORGES TEKNISKE HØGSKOLE
INSTITUTT FOR TEKNISK KYBERNETIKK

THE UNIVERSITY OF TRONDHEIM
THE NORWEGIAN INSTITUTE OF TECHNOLOGY
Division of Engineering Cybernetics

TRONDHEIM, NORWAY

May 1974