

EUROPEAN COURSE ON PATHOLOGY & EMBRYOLOGY OF GENETICALLY ENGINEERED MICE

ORGANIZED BY THE D.E.S.V. OF VETERINARY PATHOLOGY

In partnership with:

THE FRENCH SOCIETY OF VETERINARY PATHOLOGY
Veterinary School of Nantes (France)
2005

HOW TO MAKE TRANSGENIC, KNOCKOUTS & MUTANT MICE ?

WHAT IS A MOUSE?

Patrick HARDY, Charles River Laboratories, L'Arbresle, France

GENETIC ENGINEERING: BASIC PRINCIPLES & STRATEGIES

Lionel GRESH, IMP - Research Institute of Molecular Pathology, Vienna, Austria

GENETIC MANAGEMENT & BREEDING: KNOW YOUR MICE

Patrick HARDY, Charles River Laboratories, L'Arbresle, France

CREATING MODELS: MUTAGENESIS STRATEGIES

Steve BROWN, MRC, Harwell, United Kingdom

EUMORPHIA: THE EUROPEAN PROJECT, PAST, PRESENT & FUTURE

Steve BROWN, MRC, Harwell, United Kingdom

PATHOLOGY OF GEM'S & MODELS

BACKGROUND DISEASES OF GEMS

Donna KUSEWITT, Ohio State University, Columbus, USA

DISEASES OF TEETH & ORAL CAVITIES (including methods)

Bjorn ROZELL, Karolinska Institute, Sweden

DISEASES OF LIVER & GASTROINTESTINAL SYSTEM

Jerry M. WARD, National Institute of Allergy and Infectious Diseases & SoBran, Inc., USA

MODELS OF SKIN CANCER

Donna KUSEWITT, Ohio State University, Columbus, USA

SELECT MODELS OF HUMAN CANCER (Comparative Pathology of Cancer, mouse models for mammary, prostate, lymphomas & leukemias)

Jerry M. WARD, National Institute of Allergy and Infectious Diseases & SoBran, Inc., USA

TRANSGENIC MODEL OF INDUCIBLE DIABETES

Pedro HERRERA, University of Geneva, Switzerland

PHENOTYPING OF GENETICALLY ENGINEERED MICE

CARDIOVASCULAR PHENOTYPING

Mat J. DAEMEN

Cardiovascular Research Institute Maastricht, Maastricht, The Netherlands

NEUROLOGICAL PHENOTYPING OF GENETICALLY ENGINEERED MICE

Brad BOLON, GEMpath Inc., Cedar City, USA

PHENOTYPING OF GENETICALLY ENGINEERED MICE: MY POINT OF VIEW

Donna KUSEWITT, Ohio State University, USA

PHENOTYPING OF GENETICALLY ENGINEERED MICE: MY POINT OF VIEW

Jerry M. WARD, National Institute of Allergy and Infectious Diseases, & SoBran, Inc., USA

USEFUL WEBSITES FOR THE MOUSE PATHOLOGIST

Laurence FIETTE, University of Geneva, Switzerland

EVERYTHING ABOUT THE MOUSE EMBRYO

GESTATIONAL MORTALITY

Jerry M. WARD, National Institute of Allergy and Infectious Diseases, & SoBran, Inc., USA

PREPARATION AND HANDLING OF MOUSE EMBRYOS FOR BIOMEDICAL RESEARCH

Matthew H. KAUFMAN, University of Edinburgh, Scotland

THE REAL MOUSE EMBRYO

Matthew H. KAUFMAN, University of Edinburgh, Scotland

ANALYSIS OF THE MOUSE EMBRYO USING THE VIRTUAL EMBRYO METHODOLOGY

Matthew H. KAUFMAN, University of Edinburgh, Scotland

THE MOUSE & THE COMPUTER

IN VIVO IMAGING

Marc JANIER, Animage, Lyon, France

COMPUTERING PATHOLOGY

Paul SCHOFIELD