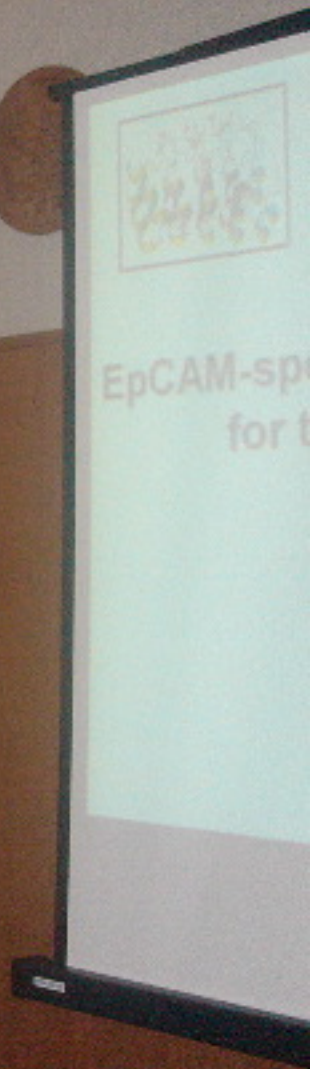








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The role of class

Ludwig Institut





- Mast cells are tissue dw...
- granules
- Source: ...
- Human mast cells derive...
- progenitors
- Endersby A.A. et al. 2004
- Mast cells progenitors cl...
- tissues where they mature

CD119
CD116
c-Kit
FcεR1



University of Dundee

The Brunner lab



Special Thanks To

David Tiffin and
Caroline Harrison
Institute of Psychology,
University of Stirling

Shaffin Frank
Department of
English Literature,
University of Stirling

Charlotte Murray
and the staff of
the Brunner lab
University of Stirling

















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DEUTSCHE
AKADEMIE
DER KUNSTE

Characterization of T lymphocyte subpopulations in the canine intestine

Investigator: Dr. Ingrid K. Biedert, DVM, PhD, DABVP
Molecular Immunopathology, Institute of Pathology, University of
Süddeutsche Medizin, München, Germany

Patho

Abstract

Characterization of T lymphocyte subpopulations in the canine intestine. The aim of this study was to investigate the distribution and function of T lymphocyte subpopulations in the canine intestine. For this purpose, T lymphocyte subpopulations were characterized by flow cytometry and immunohistochemistry. The results of this study are presented in the following sections.

Introduction

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Materials and Methods

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Results

Figure 1: Flow cytometry analysis

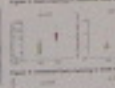
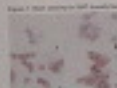


Figure 2: Immunohistochemistry

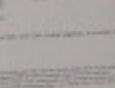
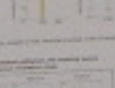
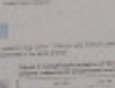
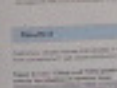


Figure 3: Flow cytometry analysis



Figure 4: Immunohistochemistry

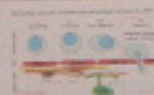


CELLULAR AND MOLECULAR PATHWAY OF T-CELL DIAPEDESIS ACROSS THE BLOOD BRAIN BARRIER

Wolfgang Bittner, University of Bonn, Germany

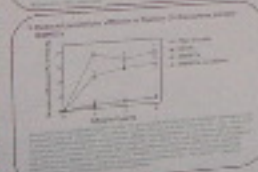
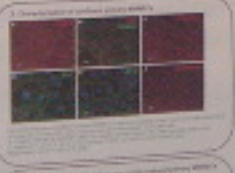
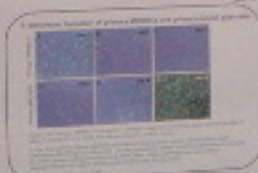
Background

Diapedesis is a complex process involving the crossing of the blood brain barrier (BBB) by immune cells. It is a key step in the development of multiple sclerosis (MS) and other neurological diseases. The process involves the interaction of various molecules and cells, including T-cells, endothelial cells, and pericytes.



Results

The results show that T-cells can cross the BBB in the presence of certain molecules, such as ICAM-1 and VCAM-1. The process is regulated by various factors, including the expression of these molecules and the presence of specific cytokines.



Conclusion

The results demonstrate that T-cells can cross the BBB in the presence of certain molecules, such as ICAM-1 and VCAM-1. The process is regulated by various factors, including the expression of these molecules and the presence of specific cytokines.

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Theodor Kocher Institut

Intravital microscopic analysis of
interaction with the spinal cord
microvasculature :
involvement of alpha4-integrin

Coline Caroline
Universität Bern

Summer School
August 13-15, 2006
Heiligenschwendi

Two supersystems meet:
Interactions of the local immune
system in an antigen-rich environment

Christoph Mueller
Institute of Pathology
University of Bern
Switzerland





Univerza v Ljubljani
Fakulteta za farmacijo



BCR-regulated transcription

Asist. Prof. Irena Mlinarič-Raščan
University of Ljubljana, Faculty of Pharmacy

18. September 2020



PhD Project Rolf Spirig

International Summer School 2006



Reprogramming the Immune System
for the Establishment of Tolerance

EU 6th Framework Integrated Research Project

Our Task:

- > Analysis of the effect of endothelial cell (EC) protection on induction of allograft tolerance
- > Induction of tolerance is hampered by factors which trigger the innate immune system of the recipient, especially by an activated, pro-inflammatory state of the graft endothelium



