

# Pro-inflammatory T cells stimulate osteoblast maturation in vitro

M. Croes, F.C. Öner, M.C. Kruyt, T.J. Blokhuis, W.J.A. Dhert, J. Alblas  
Department of Orthopaedics, University Medical Center Utrecht, Utrecht, the Netherlands

## Introduction

The local immune response is an important pillar to consider when the aim is to improve bone regeneration. Recently, T lymphocytes have been identified as regulators in bone healing.

## Objective

To investigate the role of different T cell subsets and their secreted factors on the osteogenic differentiation of human mesenchymal stem cells (MSCs).

