

*S-6 (1) OBESITY AND NUTRITION.
VITAMIN D, GLYCEMIA AND LIPIDS: ANY
RELATIONSHIP?*

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The role of vitamin D in bone health has been recognized for almost a century, when, in 1919, Sir Edward Mellanby showed that rickets could be cured by the administration of a lipid soluble factor. Although, initially the perceived function of vitamin D was limited to bone health and calcium homeostasis, *in vitro* and animal studies over the past decades, have extended its role to other tissues, including the pancreas.

Recent clinical studies, performed in small groups of patients, have suggested the association of vitamin D with fat or lipid metabolism. Is such an association present in presumed healthy children and adolescents? This subject, together with a review of the literature on animal models and clinical studies will be the topics of the lecture