

	<p>Short Summary of the talk (max. 300 words)</p> <p><b>Micronutrient-transport to immune cells by whey proteins: A missing link to health and immune resilience.</b></p>
	<p>In the last decade micronutritional deficiencies have been associated with enhanced inflammation, which is associated with a poorer clinical outcome and a worsened prognosis in chronic inflammatory diseases. As such, e.g. iron and vitamin A deficiency are linked with increased all-cause morbidity and mortality with supplementation here improving the outcome. Different strategies have to be exploited, as normal enteral nutritional gateways are blocked during inflammation, which means that usually the intravenous route for micronutritional provision is employed.</p>
<p><b>Franziska Roth-Walter, Prov. Doz. Dr.</b></p> <p>Group leader of Applied Immunonutrition Comparative Medicine</p> <p>The interuniversity Messerli Research Institute</p> <p>Science &amp; Medicine for Humans &amp; Animals University of Veterinary Medicine Vienna Medical University Vienna University of Vienna, Austria</p> <p>Phone: +431 25077 2661 Secretary: +431 40400 51200 e-Mail: <a href="mailto:Franziska.Roth-Walter@vetmeduni.ac.at">Franziska.Roth-Walter@vetmeduni.ac.at</a></p>	<p>We were the first that described “mucosal block” under inflammatory conditions can be circumvented when micronutritional uptake occurs via the lymph in people suffering from allergies by using whey proteins. Whey proteins such as beta-lactoglobulin can act as a carrier for micronutrients for antioxidants, iron and vitamin A in vitro, in vivo and in clinical trials and nourish selectively immune cells, thereby fostering immune tolerance and resilience.</p> <p>Supplementation with nutrient-carrying whey proteins, therefore representing a new dietary and causative approach to compensate for functional nutritional deficiencies in allergy sufferers.</p>
<p>The three most important milestones in my scientific career:</p> <ol style="list-style-type: none"> <li>1. Habilitation in Immunology and Group Leader of Applied Immunonutrition 2014</li> <li>2. Secretary General of the EAACI Working Group on Immunomodulation and Nutrition and</li> <li>3. on the governing body of AMICI the Austrian Microbiome Initiative, a platform for microbiome research</li> </ol>	
<p>I'm looking forward to the scientific conference on raw milk products because...</p> <p>Milk (and its products) is an under-appreciated superfood and it is a great place to exchange experiences and networking opportunities</p>	

Links:

[https://vetdoc.vu-wien.ac.at/vetdoc/suche.person\\_uebersicht?sprache\\_in=de&menue\\_id\\_in=101&id\\_in=3589](https://vetdoc.vu-wien.ac.at/vetdoc/suche.person_uebersicht?sprache_in=de&menue_id_in=101&id_in=3589)

[Veterinärmedizinische Universität Wien Forschungsinformationssystem VetDoc \(vu-wien.ac.at\)](http://www.vetmeduni.ac.at/vetdoc)