


Dr. habil. Jamal Hussen
Assistant prof. for Immunology

Name	Jamal Hussen	
Academic Title	Dr. habil.	
E-mail	jhussen@kfu.edu.sa jalhussen@gmail.com	
Specialization: Major Minor	Immunology	
Alternative mail	jalhussen@gmail.com	
IP phone	6626	
Mobile	0544704991	
Academic Qualifications	<p>08.2017 Habilitation in immunology, Hannover University of Veterinary Medicine, Hannover, Germany</p> <p>12.2012 PhD in immunology, Hannover university of veterinary medicine, Hannover, Germany</p> <p>01.09.2000 Doctor of animal medicine, faculty of veterinary medicine, Hama, Syria.</p>	
Scientific interest	The camel immune system	
Membership	<p>Member of the German Society of Immunology e.v. (<i>Deutsche Gesellschaft Für Immunologie, DGFI</i>)</p> <p>Member of the German Veterinary Society (<i>Deutsche Veterinärmedizinische Gesellschaft, DVG</i>)</p>	
Teaching experience	<p>Immunology for undergraduate students, Faculty of Veterinary Medicine at King Faisal University (KSA)</p> <p>Advanced immunology for postgraduate students (Master in Animal Health, Laboratory Diagnosis), Faculty of Veterinary Medicine at King Faisal University (KSA)</p>	

	<p>Diagnostic microbiology for postgraduate students (Master in Animal Health, Laboratory Diagnosis) , Faculty of Veterinary Medicine at King Faisal University (KSA)</p> <p>Infection immunology for veterinary students at University of Veterinary Medicine in Hannover (Germany)</p> <p>Practical course of infection diagnosis for veterinary students at University of Veterinary Medicine in Hannover (Germany)</p> <p>Practical course in immunologic methods for master students of animal biology at University of Veterinary Medicine in Hannover (Germany)</p>
<p>Publications</p>	<p>Hussen J. Flow cytometric analysis of phenotype and composition of peripheral blood leukocytes in young and old dromedary camels (<i>Camelus dromedarius</i>). Journal of Camel Practice and Research 2018. April.</p> <p>Hussen J, Turke Shawaf, Abdulkareem Imran. Al-herz, Hussain R. Alturaifi, Mohammad H Al khamees and Ahmed M. Alluwaimi. Expression Patterns of Cell Adhesion Molecules on CD4+ T Cells and WC1+ T Cells in the Peripheral Blood of Dromedary Camels. Pakistan Veterinary Journal. 2018. ISSN: 0253-8318 (PRINT), 2074-7764</p> <p>Hussen J. Macrophages derived from bovine monocyte subsets differently enhance the vitality of blood neutrophils in vitro. Alexandria Journal of Veterinary Sciences 2018. Volume 57 Issue 1 2018. Pages 55-60.</p>

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Hussen J, Duvel A, Koy M, Schuberth HJ (2012): Inflammasome activation in bovine monocytes by extracellular atp does not require the purinergic receptor p2x7. *Dev Comp Immunol* 2012;38:312-320.

	<p>Hussen, J : The effect of conjugated linoleic acid (CLA) on the bovine immune system. Thesis at University of Veterinary Medicine in Hannover Germany, 2012</p>
<p>Conferences</p>	<p>Hussen, J. Impact of age on the percentage and immunophenotype of gd T cells in peripheral blood of dromedary camels. 11. International Veterinary Conference; Berlin Germany; 2-3 /7 /2018.</p> <p>Hussen, J.; Koy, M.; Petzl, W.; Sipka, A.; Schuberth, H.-J.: Differential modulation of bovine monocyte subsets by neutrophil degranulation products. In: 5th European Veterinary immunology workshop (EVIW)., Wien, Österreich, 2.-4.9.2015; 2015, S. 80</p> <p>Eger, M.; Hussen, J.; Breves, G.; Schuberth, H.-J.: Peripartal energy supply influences monocyte numbers and their adhesion molecule expression in dairy cows. In: 5th European Veterinary immunology workshop (EVIW)., Wien, Österreich, 2.-4.9.2015; 2015, S. 33</p> <p>Eger, M.; Hussen, J.; Schuberth, H.-J.; Breves, G.: Expression of glucose transporters differs between bovine monocyte and macrophage subsets and is influenced by milk production. In: Leipziger Blaue Hefte 4th Symposium of the Young Physiologists, Leipzig, 24.-25.09.2015; 2015, S. 22</p> <p><i>J. Hussen, W. Petzl, Hl-J. Schuberth.</i> What guides bovine teat macrophage heterogeneity? Bovine monocyte subpopulations and their differentiation into macrophages. <i>National Mastitis Council, Regional Meeting, August 4-6, 2014 Ghent, Belgium.</i></p> <p><i>H-J. Schuberth, W. Petzl, J. Hussen.</i> What guides bovine teat macrophage heterogeneity? Teat macrophage subpopulations and the role of chemokines in their development. <i>National Mastitis Council, Regional Meeting, August 4-6, 2014 Ghent, Belgium.</i></p>

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