

**Name: Zakaria Farah**

**Email: [zakaria.farah@ilw.agrl.ethz.ch](mailto:zakaria.farah@ilw.agrl.ethz.ch)  
[farah@camelgate.com](mailto:farah@camelgate.com)**

**Website: [www.camelgate.com](http://www.camelgate.com)**

**Phone: +41 31 832 12 28**

Dr. Farah is since 1980 senior lecturer for food technology in developing countries at the Institute of Food Science and Nutrition (ILW), ETHZ. He is a leader of a group within the Laboratory of Food Biotechnology dealing with development-oriented research programmes in the area of food security in developing countries. For the last 19 years camel milk has been a main research area for the group in collaboration with research institutions in Kenya, Ethiopia and Somalia.

#### **Publications related to Camelid (Last ten years)**

1. **Zakaria Farah**, Matthias Mollet, Mario Younan, Ragge Dahir. (2007). Camel dairy in Somalia: Limiting factors and development potential. *Livestock Science* 110, 187–191
2. Stefan R Kappeler, Johannes M van den Brink, Henrik Rahbek-Nielsen, **Zakaria Farah**, **Zdenko** Puhan, Egon B Hansen, Eric Johansen. (2006). Characterization of Recombinant Camel Chymosin Reveals Superior Properties for the Coagulation of Bovine and Camel Milk. *Biochemical and Biophysical Research Communication* 342 647-654
3. **Farah, Z** and Younan. (2005). Camel dairy in eastern Africa: present state and future per-spectives In: Faye, B and Esenov,P. (eds) *Desertification Combat and Food Safety NATO Science Series IOS Press* 173- 179.
4. **Farah Z.**, and Fischer, A. (2004). The camel (*C. dromedarius*) as a meat and milk animal: Handbook and product development. Vdf Hochschulverlag ETHZ
5. Kappeler, S., Heuberger, C., **Farah, Z.**, Puhan, Z. (2004). Expression of the peptidoglycan recognition protein, PGRP, in the lactationg mammary gland. *J. Dairy Sci.* 87: 2660-2668.
6. Kappeler, S., and **Farah, Z.** (2002). Method of producing non-bovine chymosin. Patent: International Publication Number WO 02/36752 A2. Publication date 10.05.
7. Rolf Kamber, **Zakaria Farah**, Peter Rusch and Michael Hassig. (2001). Studies on the supply of immuno globulin G to newborn camel calves (*Camelus dromedarius*). *J.Dairy Res:* 68 1-7

8. Kappeler, S; **Farah, Z.** and Puhan, Z. (1999). Alternative Splicing of Lactophorin mRNA from Lactating Mammary Gland of the Camel (Camelus dromedaries). J. Dairy Sci. 82: 2084-2093
9. Kappeler, S; **Farah, Z** and Puhan, Z. (1999). Sequence analysis of Camelus drome-dariesLactoferrin. Inter. Dairy journal, 9, 481-486
10. Wangoh, J ; **Farah, Z** and Puhan Z. (1998). Iso-electric Focusing of Camel milk. Int. Dairy Journal 8 617-621
11. Kappeler, S; **Farah, Z** and Puhan, Z. (1998). Sequence analysis of camelus drome-dariusmilk caseins. J. Dairy Res, 65, 209-222