



HANAN SHARIF

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SUMMARY

Marital Status Married, 2 children.

Address Ain Zara

Nationality Libyan

EXPERIENCE

2003/2005 Researcher, Biotechnology Research Center, Tripoli/Libya
Department of Infectious diseases.

2016-2017 Consultant in Biomedical Analysis and Diagnostic Biomarker
Development for Dogs with Malignant Diseases
Department of Anatomy, Physiology, and Biochemistry- Swedish
University of Agricultural Sciences, Sweden

2018-2024 Research and development manager, Alertix Veterinary Diagnostics
AB, Sweden.

Experienced leader and project manager with 6-year history in diagnostic field. Clear communicator, decision maker and problem solver. Innovative technology professional with several years of diverse experience. Skilled in enhancing systems and aligning technical solutions with business objectives. Proven success in leading projects from start to finish and contributing to organizational growth and success.

SKILLS & COMPETENCIES

- Strategic Planning and Execution
- Product Development and evaluation
- Project Management
- Resource Optimization
- Cross-Functional Collaboration
- Team Leadership and Talent Development
- Communication and Presentation Skills
- Time Management and Prioritization

EDUCATION

2001	B.V. Sc. Veterinary Medicine, Tripoli University
2012	PhD. Veterinary Clinical Biochemistry Department Anatomy, Physiology and Biochemistry Swedish University of Agricultural Sciences, Sweden

NOTABLE PUBLICATIONS AND SPEAKING ENGAGEMENTS

- 1- Sharif H., Kiran KJ., Wang L., He E., Eriksson S (2012). Quaternary Structure of recombinant, cellular and serum forms of thymidine kinase 1 from dogs and humans. BMC Biochemistry Journal 13 (12).
- 2- Sharif H., Von Euler H., Westberg S., He E., Wang L., Eriksson S (2012). A sensitive and kinetically defined radio enzymatic assay for canine and human serum thymidine kinase 1 to monitor canine malignant lymphoma. The Veterinary Journal 194 (1).
- 3- Jagarlamudi K-K., Sharif H., von Euler S. H., Hansson L-O., Eriksson S. The increase in serum thymidine kinase 1 subunit levels is more significant than the TK1-activities in samples from patients with solid tumors; implications for disease detection and monitoring efficiency. TUMOR BIOLOGY, conference 2012, 33, 70-71.
- 4- Sharif H., Hagman R., Wang L., Eriksson S (2013). Elevation of Serum Thymidine Kinase 1 Activity in Bacterial Infection: Canine Pyometra. Theriogenology 79 (1).
- 5- Kiran Kumar J, Sharif H, Westberg S, von Euler H, Eriksson S (2013). High level of inactive thymidine kinase 1 polypeptide detected in sera from dogs with solid tumors by immunoaffinity methods: implications for in vitro diagnostics. The Veterinary Journal 197 (3).
- 6- Wang LY, Sharif H, Saellstrom S, Ronnberg H, Eriksson S. Feline thymidine kinase 1: molecular characterization and evaluation of its serum form as a diagnostic biomarker. BMC Vet Res. 2021;17(1).

- 7- Wang LY, Unger L, Sharif H, Eriksson S, Gerber V, Ronnberg H. Molecular characterization of equine thymidine kinase 1 and preliminary evaluation of its suitability as a serum biomarker for equine lymphoma. *Bmc Mol Cell Biol.* 2021;22(1).
- 8- Saellstrom S, Sharif H, Jagarlamudi KK, Ronnberg H, Wang L, Eriksson S. Serum TK1 protein and C-reactive protein correlate to treatment response and predict survival in dogs with hematologic malignancies. *Res Vet Sci.* 2022;145:213-21.
- 9- Sharif H, Jagarlamudi KK, Saellström S, Rönnerberg H, Wang L5, Aronsson A-C, Eriksson S. PrediPet™ TK1-ELISA measures TK1 protein concentrations in serum which serves as efficient biomarkers for dogs with lymphoma as well as solid tumours Diseases. Poster in ISOBM CONFERENCES 2022.
- 10- Sharif H, Saellström S, Kolli B, Jagarlamudi KK, Wang LY, Rönnerberg H, et al. A monoclonal antibody-based sandwich ELISA for measuring canine Thymidine kinase 1 protein and its role as biomarker in canine lymphoma. *Frontiers in Veterinary Science.* 2023;10.
- 11- Hanan Sharif, Sara Saellström, Bhavya Kolli¹, Kiran Kumar. Canine Thymidine kinase 1 protein. Canine lymphoma pathogenesis, diagnosis, prognosis and treatment: current and future perspectives. *Frontiers Media SA, E book.* 2024.
- 12- Hanan Sharif, Reza Belaghi, Kiran Kumar Jagarlamudi, Sara Saellström, Liya Wang, Henrik Rönnerberg, Staffan Eriksson. A novel cross-validated Machine learning based Alertix-Cancer Risk Index for early detection of Canine malignancies. *Frontiers in Veterinary Science.* 2025;12.