**Curriculum Vitae**

**Azzam Nasri Mohammed Al Yacoub**

**Date of Birth:** 28 October 1977

**Nationality:** Jordanian

**Marital status:** Married, 2 children

**Address:** AL Quds Street, Irbid, Jordan

**Work Address:** Department of Animal Production and Protection, Jerash University.

**Mobile:** 00962- 789331120

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**EDUCATION**

**2005 – 2009 Ph.D.** Group of Animal Reproduction and Biotechnology (**Prof. Dr. W. Holtz**), Department of Animal Science, George August University, Goettingen, Germany.

 **Thesis:** Open Pulled Straw Vitrification of Murine and Caprine Embryos and Timed Deep Uterine Insemination of Goats.

 **Grade:** Magna cum laude (1.0 Excellent)

**2000 – 2002 M.Sc.** (Animal Production / Reproductive Physiology), Jordan University of Science and Technology, Irbid, Jordan.

 **Thesis:** Effect of the Method of Rearing on Sexual Activity and Libido of Awassi Ram Lambs.

 **Grade:** Excellent(90.1%).

**1995 – 1999 B.Sc.** (Animal Production), Jordan University of Science and Technology, Irbid, Jordan.

 **Grade:** Very Good(80.1%).

**TRAINING COURSES**

* Intracytoplasmic sperm injection (ICSI) and micromanipulation of human embryos, George August University Hospital, Goettingen, Germany, November, 2006.
* ICSI applications, George August University Hospital, Goettingen, Germany, July, 2009.

**LABORATORY SKILLS**

* Collection and manipulation of the embryos.
* Identification and grading of different embryonic developmental stages.
* Cryopreservation of embryos by the conventional slow freezing method.
* Cryopreservation of embryos by the conventional vitrification and open pulled straw (OPS) vitrification methods.
* Artificial insemination of cattle, sheep and goats by the conventional methods.
* Deep uterine artificial insemination of goats by a special method developed in the group of animal reproduction and biotechnology, Goettingen, Germany.

**LANGUAGE SKILLS**

* **Arabic:** Mother tongue.
* **English:** Excellent, language of study and instruction in B.Sc., M.Sc. and Ph.D.
* **German:** Very Good, intensive courses in Germany, language of communication in the

 research group and department.

**WORKING EXPERIENCE**

**9/2011 - 6/2024** Assistsnt Professor – Department of Biology, Umm Al Qura University, Makkah Al Mukarramah, Kingdom of Saudi Arabia.

**2/2011 – 6/2011** Part-time lecturer - Department of Animal Production, University of Mu’tah, Karak, Jordan

**9/2909 – 1/2010** Part-time lecturer - Department of Animal Production, Jordan University of Science and Technology, Irbid, Jordan.

**2005 – 2009** Employed on a PhD grant from the German Academic Exchange Service (DAAD) at the Department of Animal Science, George August University, Goettingen, Germany.

**2003 – 2004** Research assistant at the Department of Animal Production, Jordan University of Science and Technology, Irbid, Jordan.

**2000 – 2002** Master's student and teaching assistant at the Department of Animal Production, Jordan University of Science and Technology, Irbid, Jordan. .

**HONOUR AWARDS AND SCHOLARSHIPS**

2005 – 2009 DAAD Scholarship (PhD), Germany.

2000 – 2001 Teaching Assistance Award (M.Sc.), Jordan.

1997 – 1998 Ministry of Higher Education Scholarship Award (Bachelor), Jordan.

**PUBLICATIONS**

Kridli, R. T., **Al Yacoub, A.N.,** 2006. Sexual performance of Awassi ram lambs reared in different sex composition groups. **Applied Animal Behavior Science 69: 261-267.**

**Al Yacoub, A. N.,** Gauly, M., Holtz, W., 2007. Vitrification of mouse blastocysts by the open pulled straw (OPS) method with addition of various sucrose concentrations (Abstract in German). **Vortragstagung der DGfZ und GfT, 26./27. Septemper 2007, Hohenheim, Germany.**

**Al Yacoub, A. N.,** Sohnrey, B.,Gauly, M., Holtz, W., 2008. Deep uterine transcervical insemination in the goat (Abstract in German). **Vortragstagung der DGfZ und GfT, 17./18. Septemper 2008, Bonn, Germany.**

**Al Yacoub, A.N.,** Gauly, M., Holtz, W. 2009. Vitrification of caprine morulae, blastocysts and hatched blastocysts by the open pulled straw (OPS) method (Poster). **The 60th Annual Meeting of the European Association of Animal Production, 24./27. August 2009, Barcelona, Spain**.

**Al Yacoub, A.N.,** Gauly, M., Holtz, W. 2009. Fixed-time insemination in estrus synchronized goats induced to ovulate with GnRH or hCG (Poster). **The 60th Annual Meeting of the European Association of Animal Production, 24./27. August 2009, Barcelona, Spain**.

**Al Yacoub, A.N.,** Gauly M., Holtz, W. 2010. [Open pulled straw vitrification of goat embryos at various stages of development.](http://www.ncbi.nlm.nih.gov/pubmed/20102780) **Theriogenology 73(8):1018-23.**

**Al Yacoub, A.N.**, Gauly, M., Sohnrey, B., Holtz, W. 2011. [Fixed-time deep uterine insemination in PGF2α-synchronized goats.](http://www.ncbi.nlm.nih.gov/pubmed/21835452) **Theriogenology 76(9):1730-5.**

Anas Abdelqader, **Azzam Al Yacoub**, Matthias Gauly. 2012. Factors influencing productive longevity of Awassi and Najdi ewes in intensive production systems at arid regions. **Small Ruminant Research 104(1-3):37-44.**

**Al Yacoub, A.N.**, Gauly, M,. Holtz,W. 2013. [Is sucrose required in open pulled straw (OPS) vitrification of mouse embryos?](https://pubmed.ncbi.nlm.nih.gov/24448766/) **Cryo Letters: 34(5):466-70.**

Saleh A.M.T., Hijji A.M., Elel S.J. and Al **Yacoub A.N.** 2014. Effect of Carbamate Insecticide, Lannate, on the Gonads of Mice. **Journal of Advanced Laboratory Research in Biology 5(4):140-5**.

Kaskous S, Ahmad Q Al-Momani, **Azzam N Al-Yacoub** and Khaled A Al-Najjar. 2021. Physiological Perspective of Milk Somatic Cell Count in Lactating Camels. [**Journal of Camel Practice and Research**](https://www.researchgate.net/journal/Journal-of-Camel-Practice-and-Research-0971-6777)**28(3):319-325.**

Al-Najjar, A. Q. Al-Momani, **A. N. Al-Yacoub**, A. Elnahas, Reda Elsaid. 2022. Estimation of Genetic Parameters and Non-Genetic Factors for Milk Yield and Litter Size at Birth of Awassi Sheep in Drylands. **Egyptian Journal of Sheep & Goat Sciences, 17(2): 19-26.**

Al-Momani1 A.Q., M.T. Idell, **A.N. Al-Yacoub**, K. Al-Najjar. 2023. Physicochemical characteristics of Syrian Buffalo (Bubalus bubalis) milk. **Journal of Livestock Science 14:129-134.**

Redwan AS, Kattan FA, Alidrisi MA, Ali GA, Ghaith MM, Arbaeen AF, Almasmoum HA, Almohmadi NH, Alkholy SO, Alhassani WE, Abusudah WF, Babateen AM, Ghabashi MA, Obeidat AA, **Al Yacoub AN**, Alazzeh AY, Azzeh FS 2024. Predictive Factors for Critical Weight Loss in Saudi Head and Neck Cancer Patients Undergoing (Chemo) Radiotherapy. **Cancers (Basel). 2024 Jan 18; 16(2):414.**

Alshdaifat M.M., F. Al-Lataifeh, **A.N. Al-Yacoub**, F.Al-Barakeh, K. Al-Najjar 2024. Multivariate of physicochemical propertiesof daily milk throughout milking seasons on Syrian buffaloes (Bubalus Bubalis). **Journal of Livestock Science. 15: 46-5246.**

Faisal Al-Barakeh, Ashraf Omar Khashroum ,Radi A. Tarawneh ,Fatima A. Al-Lataifeh, **Azzam** **N. Al-Yacoub**, Moammar Dayoub, Khaled Al-Najjar 2024. Sustainable Sheep and Goat Farming in Arid Regions of Jordan. **Ruminants 4:241-255.**

Khaled Ahmad Al-Najjar, Moammar Dayoub**, Azzam N Al Yacoub**, Widya Pintaka Bayu Putra 2024. Weight, Growth, and Genetics in Shami Camels (Camelus Dromedarius). **Journal of Camel Practice and Research 31(2):205-2010.**