

CURRICULUM VITAE

Personal information:

- **Name:** Mansur Ennuri Shmela
- **Date of birth:** 7th August 1975
- **Place of birth:** Tripoli, Libya
- **Gender:** Male
- **Nationality:** Libyan
- **Martial situation:** Married
- **Languages:** Arabic & English.
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Education background:

- Assistance professor: Since 2018.
- 2010 – 2014: Doctor of Philosophy in Medicine, Nursing, and Health Sciences, (GENETICS), Monash University, Melbourne; Australia.
- 2007 – 2009: Master of Applied Science (Medical Laboratory Sciences), (GENETICS), RMIT University, Melbourne; Australia.
- 1993 – 1999: Bachelor of Veterinary Sciences, Faculty of Veterinary Medicine, University of Tripoli, Libya.

Other qualifications:

- High level of academic English (ELICOS) at RMIT English Worldwide - Melbourne, Australia (2006 - 2007).

Area of interest:

- Medical Genetics.
- Epigenetics.
- Genomic Imprinting.
- Population Genetics.
- Molecular Biology.
- Genetic Engineering.
- Animal Breeding.

Working Experience and activities:

- April 2022 – now: Director of Laboratory and Technical Affairs Department, National Authority for DNA Fingerprinting Research and Analysis, Tripoli, Libya.
- February 2021 – now: Scientific advisory committee of the National Authority for DNA Fingerprinting Research and Analysis, Tripoli, Libya.
- November 2014 – now: Staff Member at Department of Preventive Medicine (Full time), Faculty of Veterinary Medicine, University of Tripoli, Libya.
- May 2016 - now: Editor at Open Veterinary Journal (ovj@openveterinaryjournal.com).

- 15th to 16th of September 2022: Third Medical Forum for Molecular Analysis Technique (Presentation), organized by Al-Zawiya University & Libyan Medical Research Center, Libya.
- September 2021 – April 2022: Manager of Quality Assurance office, National Authority for DNA Research and Analysis, Tripoli, Libya.
- 27th to 29th of July 2021: A training workshop on combating diseases of animal origin and transboundary disease, organized by the National Center for Animal Health in cooperation with the FAO, Tripoli, Libya.
- 30th of May 2021: Workshop on Introducing Quality Management Systems (ISO), organized by the University of Tripoli.
- 5th to 8th of November 2018: Training Program for the Preparation of Quality Auditors in Higher Education Institutions. The National Center for Quality Assurance and Accreditation of Educational and Training Institutions, Libya & University of Tripoli, Libya.
- August 2017 - November 2019: Head of Quality & Performance Evaluation Office (QPEO), Faculty of Veterinary Medicine, University of Tripoli, Libya.
- 2nd to 5th of Jun 2016: Potentiality of University Teaching Managements (PUTM), at University of Tripoli, Libya.
- August 2014- November 2014: Researcher in Epigenetics in Human Health and Diseases Laboratory; Baker IDI Hart and Diabetes Institute; Melbourne; Australia.
- 17th to 20th of Jun 2008: Applied Bioinformatics workshop, intensive course at the University of Melbourne, Australia.
- August 2008: Queenstown epigenetic conference, Queenstown, New Zealand.
- 25th to 27th of April 2016: Mendely presentation session organized by a Mendely advisor, at University of Tripoli, Libya.
- 2003 - 2005: Lab research assistant in the department of Parasitology (part time), Faculty of Medical Biotechnology, University of Tripoli, Libya.
- 2002 - 2003: Lab research assistant in the department of Zoology (part time), Faculty of Medical Biotechnology, University of Tripoli, Libya.
- 2002 - 2003: Lab research assistant in the department of Zoology (part time), Faculty of Medicine, University of Tripoli, Libya.
- 2001-2006: Demonstrator in the department of Preventive Medicine (Genetics & Animal Breeding), Faculty of Veterinary Medicine, University of Tripoli, Libya.
- 2000 - 2001: Practicing as a veterinarian in a private clinic, Alshahd private clinic, Qaser Ben Ghashir, Libya.
- Teaching genetics and breeding courses to the 2nd year students in the Faculty of Veterinary Medicine, University of Tripoli, Libya.
- Carrying out some researches related to genetics, breeding and molecular biology at University of Tripoli, Libya.

Publications:

- Al-Griw, M.A., Shmela, M.E., Elhensheri, M., Bennour, E.M. **2021**. “HDAC2/3 inhibitor MI192 mitigates oligodendrocyte loss and reduces microglial activation upon injury: a potential role of epigenetics.” *Open Veterinary Journal*. 11, 447-457.
- Abushhiwa, M.H., Alrtib, A.M., Elmeshreghi, T.N., Abdunnabi, M.A., Shmela, M.E., and Bennour, E.M. **2021**. “Patellar luxation in Hejazi goats.” *Open Veterinary Journal*. 11, 295–300.
- Abdalmula, A. M., F. M. Benashour, M. E. Shmela, F. A. Alnagar, I. M. Abogara, A. O. Buker. **2019**. “Blood profile in normal one humped dromedary

- (*Camelus dromedarius*) camel breeds in Libya. Part 3: Effect of sex variation on biochemical and haematological blood profile." *International Journal of Sciences: Basic and Applied Research (IJSBAR)*.48 (1): 9-24.
- Oheida, A. H., A. M. Alrtib, A. A. Shalgum, M. E. Shemla, M. A. Marzok, H. Davies. **2019**. "Radiographic Comparison of carpal morphometry in Thoroughbred and Standardbred race horses." *Alexandria Journal for Veterinary Sciences* 61(1): 74-82.
 - Abdalmula, A. M., F. A. Alnagar, A. O. Buker, F. M. Benashour, I. M. Abograra and M. E. Shmela. **2018**. "Blood profile in normal one humped dromedary (*Camelus dromedarius*) camel breeds in Libya. Part 2: Effect of breed variation on biochemical and haematological blood profile." *International Journal of Research in Medical and Basic Sciences* 4(10):1-15.
 - Abdalmula, A. M., A. O. Buker, F. M. Benashour, M. E. Shmela, I. M. Abograra and F. A. Alnagar. **2018**. "Blood profile in normal one humped dromedary (*Camelus dromedarius*) camel breeds in Libya. Part 1: Determination of biochemical and haematological blood profile." *International Journal of Research in Medical and Basic Sciences* 4(8): 1-19.
 - Alnagar, F. A., M. E. Shmela, A. M. Alrtib, F. M. Benashour, A. O. Buker and A. M. Abdalmula. **2018**. "Health adverse effects of formaldehyde exposure to students and staff in gross anatomy." *International Journal of Scientific Research and Management* 6(02): 25-36.
 - DEMARS, J., M. E. SHMELA, A. W. KHAN, K. S. LEE, S. Azzi, P. Dehais, I. Netchine, S. Rossignol, Y. Le Bouc, A. El-Osta and C. Gicquel **2014**. "Genetic variants within the second intron of the KCNQ1 gene affect CTCF binding and confer a risk of Beckwith–Wiedemann syndrome upon maternal transmission." *Journal of Medical Genetics* 51: 502-511.
 - Shmela, M. E., and C. F. Gicquel. **2013**. "Human diseases versus mouse models: insights into the regulation of genomic imprinting at the human 11p15/mouse distal chromosome 7 region." *Journal of Medical Genetics* 50: 11-20.
 - Poole, R. L., D. J. Leith, L. E. Docherty, M. E. Shmela, C. Gicquel, M. Splitt, I. K. Temple and D. J. Mackay. **2012**. "Beckwith–Wiedemann syndrome caused by maternally inherited mutation of an OCT-binding motif in the IGF2/H19-imprinting control region, ICR1." *European Journal of Human Genetics* 20: 240-243.
 - Demars, J., S. Rossignol, M. Shmela, I. Netchine, S. Azzi, A. El-Osta, Y. Le Bouc and C. Gicquel. **2012**. "Système IGF et croissance fœtale." *Aspects biologiques, moléculaires et cliniques de l'axe GH/IGF-I*, Springer: 97-108.
 - Demars, J., S. Rossignol, I. Netchine, K. S. Lee, M. E. Shmela, L. Faivre, J. Weill, S. Odent, S. Azzi, P. Callier, J. Lucas, C. Dubourg, J. Andrieux, Y. Le Bouc, A. El-Osta and C. Gicquel. **2011**. "New insights into the pathogenesis of Beckwith–Wiedemann and Silver–Russell syndromes: contribution of small copy number variations to 11p15 imprinting defects." *Human Mutation* 32: 1171-1182.
 - Demars, J.*, M. E. Shmela*, S. Rossignol, J. Okabe, I. Netchine, S. Azzi, S. Cabrol, C. Le Caignec, A. David, Y. Le Bouc, A. El-Osta and C. Gicquel. **2010**. "Analysis of the IGF2/H19 imprinting control region uncovers new genetic defects, including mutations of OCT-binding sequences, in patients with 11p15 fetal growth disorders." *Human Molecular Genetics* 19: 803-814.

*The authors wish it to be known that, in their opinion, the first two authors should be regarded as joint First Authors.