

Nagi Mohammed Abdalla Marsit

Address:

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Qualifications:

- **PhD, October 2014- February 2019,**
Academic Ophthalmology Department, Division of Clinical Neurosciences, School of Medicine-University of Nottingham, Nottingham, UK.
- **MSc, Bisafety in Plant Biotechnology, October 2007- October 2008,**
Università Politecnica delle Marche, Ancona, Italy.
- **Diploma, (Advanced Training in Tissue Banking), November 2005-February 2006,** Bangkok Biomaterial Center, Siriraj Hospital, Faculty of Medicine, Mahidol University, Bangkok - Thailand.
- **IAEA/NUS Diploma, Tissue banking, April 2002 -August 2003,**
Faculty of Medicine, National University of Singapore.
- **BSc Biological Sciences, 1984 -1989,**
Faculty of Science- Tripoli University, Tripoli- Libya
- **High school, 1981-1983,**
Gorji Secondary School, Tripoli, Libya.

Area of expertise:

- Procurement and processing of human soft and skeletal tissue allografts for clinical use according to current standards and cGMP guidelines.
- Radiation sterilization dose setting for medical devices and biological tissues using ISO standards.
- Validation of sterility assurance and evaluation of pre-sterilization bioburden for healthcare products and biological tissue grafts using ISO standards.

Past Duties:

- **Head, Tissue Banking Research Group. 2010-2013,**

Human Tissue Department, Biotechnology Research Centre.

- **Head, Tissue Banking Research Group. 2002-2005,**
Human Tissue Department, Biotechnology Research Centre.
- **Head, Medical Applications Group, 1998-1999,**
Radioisotopes Applications Department, Tajoura Nuclear Research Center.

Projects:

- **Principal Investigator, 2010-2014,** The Libyan Authority for Scientific Research, supported project "Preparation of Human Amniotic Membrane Grafts for Ophthalmic Surgery".
- **National focal point, 2002 2004,** The International Atomic Energy Agency (IAEA) Interregional Project INT/6/052 "Improving the Quality of Production and Uses of Radiation Sterilized Tissue Grafts".

Published Papers:

Nagi M. Marsit, (2026). Tissue allografts for mass casualties: a call for sustainable banking in the Arab world, Journal of Emergency medicine, Trauma and Acute Care, October, (*Under revision*).

Marsit, N. M., Saadawi, S., & Alennabi, K. (2025). Challenges of growth-based microbiological methods in sterility assurance of pharmaceutical product manufacturing. Discover Pharmaceutical Sciences, 1(1), 13. DOI <https://doi.org/10.1007/s44395-025-00020-6>

Orozco Morales ML, **Marsit NM**, McIntosh OD, Hopkinson A and Sidney LE., **(2019)**. Anti-inflammatory potential of human corneal stroma-derived stem cells determined by a novel in vitro corneal epithelial injury model. World J Stem Cells; 11 (2): 84-99, DOI: <https://dx.doi.org/10.4252/wjsc.v11.i2.0000>.

Nagi M. Marsit, Laura E. Sidney, Emily R. Britchford, Owen D. McIntosh, Claire L. Allen, Waheed Ashraf, Roger Bayston and Andrew Hopkinson, **(2019)**. Validation and assessment of an antibiotic decontamination manufacturing protocol for vacuum-dried human amniotic membrane. Scientific Reports- natureresearch, 9:12854, <https://doi.org/10.1038/s41598-019-49314-7>.

Marsit, N. M., Sidney, L. E., Branch, M. J., Wilson, S. L. and Hopkinson, A., **(2016)**. Terminal sterilization: Conventional methods versus emerging cold atmospheric pressure plasma technology for non-viable biological tissues. Plasma Processes and Polymers, 12/2016; 14(7), DOI: 10.1002/ppap.201600134.

Nagi Marsit, Nagmeden Gafud, Inass Kafou, Adel Mabrouk, Aml Alatiweel, Sedigh Abdalla and Lamia Sheghewi, **(2016)**. Safety and efficacy of human amniotic membrane in primary

pterygium surgery. Cell and Tissue Banking 04/2016; 17(3)., DOI:10.1007/s10561-016-9554-9.

Nagi Marsit, Samira Dwejen, Ibrahim Saad, Sedigh Abdalla, Arej Shaab, Salma Salem, Enas Khanfas, Anas Hasan, Mohamed Mansur and Mohamed Abdul Sammad, **(2014)**. Substantiation of 25 kGy radiation sterilization dose for banked air dried amniotic membrane and evaluation of personnel skill in influencing finished product bioburden. Cell & Tissue Banking 03/2014; 15(4), DOI:10.1007/s10561-014-9433-1.

Awards:

September **2005**, Technology transfer Awards of the 2nd National Scientific Week organized by the National Authority of Scientific Research NASR/Libya, to the participated project “Production of Gamma Sterilized Air Dried Human Amniotic Membranes for Skin Burn Treatment”.

Research Article Review:

Manuscripts review for:

- International Journal of Pharmaceutical Investigation
- Burns Journal-*Elsevier*
- Frontiers in Medical Technology Journal- *Frontiers Publisher*
- Frontiers in Public Health Journal- *Frontiers Publisher*
- Cell and Tissue Banking Journal- *Springer*
- Biomedicine Hub (Ophthalmic Research) Journal- *Karger Publishers*

International Societies Membership:

- European Association of tissue Banks (EATB).
- Asia Pacific Association of Surgical Tissue Banking (APASTB), life member.

For more information, please see the following links:

Linkedin: www.linkedin.com>nagimarsit

ResearchGate: www.researchgate.net>profile>Nagi_Marsit

Google Scholar: [Nagi Marsit scholar.google.com>citations](http://Nagi_Marsit_scholar.google.com>citations)

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