



SALMA ABDI MAHMOUD

Nationality: Tanzanian **Date of birth:** 05/03/1978 **Gender:** Female

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ABOUT ME

Dr. Salma Abdi Mahmoud is a Medical Doctor specializing in Obstetrics and Gynecology, with a sub-specialty in lymphatic tumor metastasis. She completed her MD degree (Medical Doctor) in 2007 and, in 2014, earned a Master of Medicine in Obstetrics and Gynecology (Mmed in Obs & Gyn). She later obtained her PhD in **Medical Sciences, specializing in Lymphatic Tumor Metastasis**, from **Dalian Medical University, China, in 2017**. Currently, Dr. Salma is an employee of **The State University of Zanzibar (SUZA)**, where she actively engages in research, teaching, outreach services, and consultancy at **Mnazi Mmoja Referral Hospital**. In recognition of her leadership and academic contributions, she was appointed **Dean of the School of Health and Medical Sciences at SUZA in December 2022**, a position she continues to hold to date.

EDUCATION AND TRAINING

PhD in Tumor Metastasis

Dalian Medical University [09/2014 – 07/2017]

City: Dalian | Country: China | Website: <https://english.dmu.edu.cn/> | Level in EQF: EQF level 8

Master of Medicine in Obstetrics & Gynaecology

Dalian Medical University [09/2010 – 02/2014]

City: Dalian | Country: China | Website: <https://english.dmu.edu.cn/> | Level in EQF: EQF level 7

Doctor of Medicine

Hubert Kairuki Memorial University [09/2001 – 07/2007]

City: Dar es Salaam | Country: Tanzania | Website: <https://www.hkmu.ac.tz/> | Level in EQF: EQF level 6

Advanced Certificate of Secondary Education

Lumumba Secondary School [1998 – 2000]

City: Zanzibar | Country: Tanzania | Level in EQF: EQF level 5

Ordinary Certificate of Secondary Education

Haile Selassie Secondary School [1994 – 1997]

City: Zanzibar | Country: Tanzania | Level in EQF: EQF level 4

WORK EXPERIENCE

Medical doctor/Obstetrician & Gynaecologist

Mnazi Mmoja Referral Hospital [2009 – 2018]

City: ZANZIBAR | Country: Tanzania

1. **Clinical Care & Specialized Consultation** – Manages high-risk pregnancies, performs obstetric and gynecological surgeries, and provides expert consultations, particularly in **lymphatic tumor metastasis**.
2. **Medical Training & Supervision** – Trains and mentors **medical interns, residents, and midwives**, conducting bedside teaching and clinical rounds.
3. **Research & Evidence-Based Practice** – Engages in clinical research on **maternal health and gynecologic oncology**, ensuring the application of evidence-based medical practices.
4. **Public Health & Community Engagement** – Leads **maternal and neonatal health initiatives**, cancer screening programs, and advocates for women's health awareness.
5. **Leadership & Administration** – Oversees hospital programs related to **maternal health**, ensures compliance with medical guidelines, and strengthens collaboration between the hospital and **The State University of Zanzibar (SUZA)** for training and research.

Lecturer in Obstetrics & Gynaecology

The State University of Zanzibar [2018 – Current]

City: ZANZIBAR | Country: Tanzania

1. Teaching
2. Research
3. Consultancy

HONOURS AND AWARDS

[07/2017] Dalian Medical University- China

Best Student in Tumor metastasis Program

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MANAGEMENT AND LEADERSHIP SKILLS

2022 to date: Dean, School of Health and Medical Sciences, The State University of Zanzibar

Link: <https://suza.ac.tz/>

2019- to date: Member of Senate, The State University of Zanzibar

2023-2024: Chair of Finance and Planning Committee- Zanzibar Health Research Institute (ZAHRI)

2023-2024: Member of the Auditing Committee- Zanzibar Health Research Institute (ZAHRI)

2020-2024: Member of the the Board of Directors of the Zanzibar Health Research Institute (ZAHRI)

2020 to date: Member of Executive Committee of Tanzania Education and Research Network - TERNET

2020-2023: Member of the Tender Board of the State University of Zanzibar

2021 to date: Member of the Industry Advisory Committee for the Higher Education for Economic Transformation (IAC)-Tanzania

2019 to date: Head of Department of Obstetrics & Gynaecology-School of Health and Medical Sciences, The State University of Zanzibar

2017-2018: Head of Department of Obstetrics & Gynaecology- Mnazi Mmoja Referral Hospital

ORGANISATIONAL SKILLS

2023 to date: Reviewer at Open Journal of Obstetrics and Gynaecology

Link: <https://www.scirp.org/journal/journalarticles?journalid=604>

2024 to date: Reviewer at BMC Oral Health

Link: <https://bmcoralhealth.biomedcentral.com/>

2024 to date: Reviewer at National Institute for Health and Care Research- United Kingdom

Link: <https://www.nihr.ac.uk/our-research>

2022 to date: Reviewer at National Institute for Medical Research (NMR)- Tanzania

Link: <https://nimr.or.tz/>

PROJECTS

[01/2022 – 12/2024]

Quality Improvement of Integrated HIV, TB and Malaria Services in ANC & PNC in Zanzibar

A programme funded by the Global Fund to Fight HIV, TB, and Malaria with financing from Takeda Pharmaceutical Company Limited

Link: <https://www.lstmed.ac.uk/research/departments/international-public-health/emergency-obstetric-care-and-quality-of-care-61>

[2016 – Current]

The PartoMa

The PartoMa project works closely with health providers and pregnant women in busy, low-resource maternity units to co-create interventions for safe and respectful care. Thereby, the PartoMa project responds to gaps in clinical management, which are partly caused by lack of underlying evidence and partly by lack of translation between established medical evidence and clinical practice

Link: <https://publichealth.ku.dk/about-the-department/global/research/partoma-project/>

CONFERENCES AND SEMINARS

Brazil

2018: Attended XXII World Congress of the International Federation of Gynecologists & Obstetricians (FIGO)- Rio De Janeiro, Brazil

Paris

2023: Attended XXIV World Congress of the International Federation of Gynecologists & Obstetricians (FIGO)- Paris, France

United Kingdom

2022: Attended Knowledge Management and Learning (KML) Event of the Quality Improvement of Integrated HIV, TB and Malaria Services in ANC and PNC programme- Liverpool

Link: <https://www.lstmed.ac.uk/research/departments/international-public-health/emergency-obstetric-care-and-quality-of-care-43>

Kenya

2023: Attended 2nd Knowledge Management and Learning Event (KML) Event of the Quality Improvement of Integrated HIV, TB and Malaria Services in ANC and PNC programme- Nairobi

Link: <https://www.lstmed.ac.uk/research/departments/international-public-health/emergency-obstetric-care-and-quality-of-care-72>

Tanzania

2024: Attended 3rd Knowledge Management and Learning Event (KML) Event of the Quality Improvement of Integrated HIV, TB and Malaria Services in ANC and PNC programme-Zanzibar

Tanzania

2024: Attended The 1st International Primary Health Care Conference-Dodoma

Link: <https://www.proceedings.panafrican-med-journal.com/conferences/2024/21/51/abstract/>

Rwanda

2024: Attended a short course on Gene Editing- for Africa Biosceinces Professional-Kigali

NETWORKS AND MEMBERSHIPS

[2019 – Current]

Appointed as Zona Representative (Unguja and Pemba) of Association of Gynecologists and Obstetricians of Tanzania-AGOTA

Link: https://agota.or.tz/bio_details.php?cat_id=21

[2019 – Current] Tanzania

Appointed as a Member of the East, Central, and Southern Africa College of Obstetrics and Gynecology (ECSACOG)

Link: <https://ecsacog.org/members-and-fellows-directory/>

PUBLICATIONS

[2025]

EMPOWERING WOMEN IN HIV PREVENTION: GENDER-INCLUSIVE PROGRAMS FOR LOW-INCOME COUNTRIES

Emmanuel Ifeanyi Obeagu; Salma Mahmoud

Link: <https://www.ejpmr.com/>

[2025]

EMPOWERING HEALTH WORKERS: TRAINING INITIATIVES IN HIV PREVENTION

Emmanuel Ifeanyi Obeagu; Salma Mahmoud

Link: <https://www.ejpmr.com/>

[2025]

PROTECTING THE NEXT GENERATION: EARLY HIV EDUCATION AND INTERVENTION

Emmanuel Ifeanyi Obeagu; Salma Mahmoud

[2025]

The Role of Iron Supplementation in Preventing Anemia during Pregnancy: A Review

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Emmanuel Ifeanyi Obeagu; Salma Mahmoud

[2025]

The Role of Folic Acid in Preventing Anemia among Pregnant Women: A Review

Emmanuel Ifeanyi Obeagu; Salma Mahmoud

[2025]

Nutritional Deficiencies and Anemia in Pregnant Women: A Review

[2024]

Intermittent Fasting (IF) Reduces Tumor Metastasis via Ras/MAPK, PI3K/AKT/mTOR, Wnt/ β -Catenin, and HGF/c-Met Pathways

Salma Abdi Mahmoud

[2024]

8-Hydroxy-2'-Deoxyguanosine (8-OH-2dG) as a Biomarker of Oxidative Stress (OS) in the Acute Exacerbation of Spontaneous Preterm Birth (SPTB)

Salma Abdi Mahmoud

[2024]

Prevalence and Factors Associated With Non-Adherence to Iron and Folic Acid Supplementation Among Women for Antenatal Care at Mwembeladu Hospital, Zanzibar

Chukwuma J. Okafor; Rodolfo Isidro Bosch Bayard; Diane Millo Martin; Salma Mahmoud; Said A. Yusuf; Minja T. Lilian; E N Adejumo; Nibras M. Hilal

[2024]

Do current maternal health staffing and bed occupancy benchmarks work in practice? Results from a simulation model

Rebecca F Baggaley , Giorgia Gon , Said Mohammed Ali, Salma Abdi Mahmoud, Farhat Jowhar, Carolin Vegvari

[2023]

Stepping Towards Improved Audit Quality: The Outcome of Caesarean Section Using the Robson Ten Group Classification System at Mnazi Mmoja Hospital

Rebecca F Baggaley, Giorgia Gon , Said Mohammed Ali , Salma Abdi Mahmoud , Farhat Jowhar , Carolin Vegvari

[2021]

Knowledge Levels and Practice Regarding Breastfeeding among Mothers with Children under 2 Years Admitted in the Pediatric Ward at Mnazi Mmoja Hospital, Zanzibar

Fat-hiya Abdallah Said, Chukwuma J. Okafor, Said Ali Yusuf, Amina A. Ali, Khamis A. Abeid, Salma Abdi Mahmoud, Ufuoma Chukwuani, Ayan Ahmed Hussein, Sabahi Salum Khamis and Amina Abdi Hamid

[2021]

Effect of Gender and Risk Factors in Complications of Type 2 Diabetic Mellitus among Patients Attending Diabetic Clinic in Mnazi Mmoja Hospital, Zanzibar

Chukwuma J. Okafor, Said A. Yusuf, Salma A. Mahmoud, Salum S. Salum, Sonia C. Vargas, Adu E. Mathew, Emmanuel I. Obeagu, Husna K. Shaib, Hashima A. Iddi, Masoud S. Moh'd and Warda S. Abdulrahman

[2017]

Ezrin as a possible diagnostic and / or prognostic biomarker in mice lymphatic metastatic hepatocellular carcinoma in vivo

Ahmed Musa Hago Bakheet, Salma Abdi Mahmoud, Yuhong Huang, Jun Zhang, Jingwen Wang, Yuanyi Wei, Yaser Gamallat, Annoor Awadasseid, Lawrence Owusu, Yousra Khidir, Li Wang, Shuting Zhou, Pawan Kumar Seewooruttun, Boyi Xin, Wei Xuan, Jianwu Tang

[2021]

Evaluation of Risk Factors of Pneumonia in Children under Five Years Old at Mnazi Mmoja Hospital-Zanzibar

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Aisha Juma Fasih, Chukwuma J. Okafor, Said Ali Yusuf, Salma Abdi Mahmoud , Mustapha A.Masud, Emmanuel Ifeanyi Obeagu, Andrew G. Nyabukika, Mariam M. Omar, Bikombo S. Sheha, Ali O. Khamis

[2021]

Intraligamentary Pregnancy with Recurrent Urine Retention: Case Report

Salma Abdi Mahmoud, Adam Munkaila, Ali M. Ussi, Chukwuma J. Okafor, Gumanga Solomon, Mumuni Kareem, Ali Said Yussuf, Osman Saia

[2021]

Vertical Transmission of Coronavirus in Obstetrics: A Myth or Truth?

Salma Abdi Mahmoud, Ali M. Ussi, Chukwuma J. Okafor

[2018]

Soluble resistance-related calcium-binding protein in cancers

Xiao Yu , Jun Mao , Salma Mahmoud , He Huang , Qingqing Zhang , Jun Zhang

[2019]

Upregulation of sulfatase-1 decreases metastatic potential of SKOV3 human ovarian cancer cells in vitro and in vivo

Mahmoud Salma Abdi; Mohammed Ibrahim; Mahmoud, Muhiddin Abdi; Munkaila Adam; Yabasin Iddrisu Baba

[2017]

Sulfatase-1 knockdown promotes in vitro and in vivo aggressive behavior of murine hepatocarcinoma Hca-P cells through up-regulation of mesothelin

Salma Abdi Mahmoud, Mohammed Mohammed Ibrahim, Ahmed Hago Musa, Yuhong Huang, Jun Zhang, Jingwen Wang, Yuanyi Wei, Li Wang, Shunting Zhou, Boyi Xin, Wei Xuan, Jianwu Tang

[2017]

Ezrin expression is altered in mice lymphatic metastatic hepatocellular carcinoma and subcellular fractions upon Annexin 7 modulation in-vitro

Ahmed Musa Hago , Yaser Gamallat , Salma Abdi Mahmoud , Yuhong Huang , Jun Zhang , Yousra Khidir Mahmoud , Jingwen Wang , Yuanyi Wei , Li Wang , Shuting Zhou , Mohammed Ameen Awsh , Iddrisu Baba Yabasin , Jianwu Tan

[2016]

Pathway-related molecules of VEGFC/D-VEGFR3/NRP2 axis in tumor lymphangiogenesis and lymphatic metastasis

Jingwen Wang , Yuhong Huang , Jun Zhang , Yuanyi Wei , Salma Mahmoud , Ahmed Musa Hago Bakheet , Li Wang , Shuting Zhou , Jianwu Tang

[2016]

Adverse Long-term Metabolic and Endometrial Consequences in Women with Polycystic Ovarian Syndrome: A Report of Two Cases

Salma A Mahmoud, Lizhi Zhang, Chenyu Jia, Hong Zang

[2025]

PREVENTING HIV AMONG YOUNG GIRLS THROUGH ECONOMIC AND SOCIAL SUPPORT PROGRAMS: A NARRATIVE REVIEW

Emmanuel Ifeanyi Obeagu; Salma Mahmoud

[2025]

EMPOWERING MOTHERS: FAMILY PLANNING AND HIV PREVENTION IN LOW- INCOME COUNTRIES

Emmanuel Ifeanyi Obeagu; Salma Mahmoud

[2025]

SUPPORTING YOUNG MOTHERS WITH HIV PREVENTION AND FAMILY PLANNING: A COMPREHENSIVE APPROACH

Emmanuel Ifeanyi Obeagu; Salma Mahmoud

[2016]

Over expression of sulfatase-1 in murine hepatocarcinoma Hca-F cell line downregulates mesothelin and leads to reduction in lymphatic metastasis, both in vitro and in vivo

Salma Mahmoud, Mohammed Ibrahim, Ahmed Hago, Yuhong Huang, Yuanyi Wei, Jun Zhang, Qingqing Zhang, Yu Xiao, Jingwen Wang, Munkaila Adam, Yu Guo¹, Li Wang, Shuting Zhou, Boyi Xin, Wei Xuan, Jianwu Tang