

## Curriculum Vitae



### Personal Information

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<b>First name:</b> Bariki	<b>Partner No.:</b> 3 KCRI
<b>Surname:</b> Mchome	<b>Role in the consortium:</b> Research task co-leader
<b>Title/s:</b> MD, MMED, PHD	
<b>Gender:</b> MALE	
<b>Nationality:</b> Tanzania	
<b>Official name of the institution:</b> Kilimanjaro Christian Research Institute	<b>Phone:</b> +255784280027
<b>Official name of your department:</b> Obstetric and Gynaecology	<b>Fax:</b> N.A.
<b>City:</b> Moshi	<b>Email:</b> Barikimchome@gmail.com
<b>Country:</b> United Republic of Tanzania	<b>Legal status:</b> Academic Public

### Major Scientific Expertise

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- Early detection of Cervical cancer
- HPV and Cervical cancer
- Digital mobile technology role in cervical cancer screening
- Biomarkers role in triaging HPV positive clients
- Obstetric care among women in resource constrained setting

### Employment history

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- since 2008      KCMC hospital-Good Samaritan foundation
- 2007-2008      Bugando Medical Centre

### Qualifications

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- Current seeking post doc----REACCT Project
- PHD-HPV and Cervical Cancer
- Medical specialist- Obstetrics and Gynaecology
- Forgary clinical international research scholar
- Medical Doctor

### Scientific Activities, Achievements and Awards

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- Recipient of the Forgary clinical research fellow
- Recipient of the MEPI-----small grant Establishment of Gestational trophoblastic disease monitoring and surveillance platform

## Research Grants

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- CONCEPT PROJECT- Comprehensive Cervical Cancer prevention in Tanzania  
Role: **Co-investigator**
- International image Concordance Study to compare a point of care Tampon Colposcope with standard of Care Colposcope, Role: **PI**
- Enhanced decision making through multidisciplinary and end user involvement among Patient with prolonged labour, Role: **PI**

## Publications

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1. **Mchome B**, Swai P, Wu C, Katanga J, Kahesa C, Manongi R, Mwaiselage JD, Kjaer S, Rasch V, Linde DS. Comprehensive Cervical Cancer Prevention in Tanzania (CONCEPT) study: Cohort profile. *BMJ Open*. 2020 Sep 18;10(9):e038531. doi: 10.1136/bmjopen-2020-038531 . PMID: 32948569 ; PMCID: PMC7511617.
2. **Mchome B**, Kjaer SK, Manongi R, Swai P, Waldstroem M, Iftner T, Wu C, Mwaiselage J, Rasch V. HPV types, cervical high-grade lesions and risk factors for oncogenic human papillomavirus infection among 3416 Tanzanian women. *Sex Transm Infect*. 2021 Feb;97(1):56-62. doi: 10.1136/sextrans-2019-054263 . Epub 2020 Apr 8. PMID: 32269071 .
3. **Mchome B**, Linde DS, Manongi R, Waldstroem M, Iftner T, Wu C, Mwaisalage J, Rasch V, Kjaer SK. Incident detection of human papillomavirus - a prospective follow-up study among Tanzanian women with a focus on HIV status. *Int J Infect Dis*. 2021 Sep;110:165-170. doi: 10.1016/j.ijid.2021.07.011. Epub 2021 Jul 9. PMID: 34252573.
4. Swai P, Kjaer SK, **Mchome B**, Manongi R, Msuya SE, Wu CS, Waldstrom M, Iftner T, Mwaiselage J, Rasch V. The association between human papillomavirus and cervical high-grade cytology among HIV-positive and HIV-negative Tanzanian women: A cross-sectional study. *Acta Obstet Gynecol Scand*. 2021 Apr;100(4):775-785. doi: 10.1111/aogs.14102. Epub 2021 Feb 16. PMID: 33512002.
5. Mueller JL, Asma E, Lam CT, Krieger MS, Gallagher JE, Erkanli A, Hariprasad R, Malliga JS, Muasher LC, **Mchome B**, Oneko O, Taylor P, Venegas G, Wanyoro A, Mehrotra R, Schmitt JW, Ramanujam N. International Image Concordance Study to Compare a Point-of-Care Tampon Colposcope With a Standard-of-Care Colposcope. *J Low Genit Tract Dis*. 2017 Apr;21(2):112-119. doi: 10.1097/LGT.0000000000000306. PMID: 28263237; PMCID: PMC5365351.