

**DER FACHBEREICH MEDIZIN
DER JUSTUS-LIEBIG-UNIVERSITÄT GIESSEN**

verleiht unter dem Dekanat des
Professors für Medizinische Mikrobiologie Dr. rer. nat. Trinad Chakraborty

Herrn Ezekiel Onyonka Mecha
geboren am 01.10.1978 in Kisii (Kenia)

den Grad eines

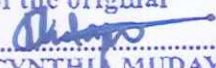
Doktors der Humanbiologie
(Doctor biologiae hominis - Dr. biol. hom.)

nachdem er im ordnungsgemäßen Promotionsverfahren
durch die mit "sehr gut" bewertete Dissertation

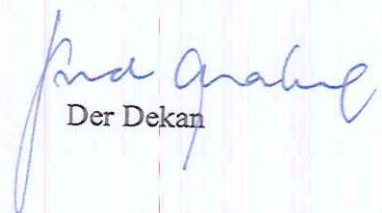
**"Characterization of the TGF-beta Signalosome and of
TGF-beta-dependent Endometrial Cell Proliferation"**

sowie durch die Disputation seine wissenschaftliche Befähigung erwiesen und
dabei das Gesamturteil "sehr gut" erhalten hat

I Certify that this is a True Copy
of the original


CYNTHIA MUDAYE ODHIAMBO
ADVOCATE & COMMISSIONER FOR OATHS
P. O. Box 692 - 00515, NAIROBI

Gießen, den 04.06.2014


Der Dekan



Certified Translation from the German Language

< Translator's annotations in pointed brackets >

< Coat of arms of Justus-Liebig-University:
St. Anthony's Cross >

< Emblem: Insignia Facultatis Medicae >

**THE FACULTY OF MEDICINE
OF THE JUSTUS-LIEBIG-UNIVERSITY OF GIESSEN**

awards under the deanship of the
Professor of Medical Microbiology Dr. rer. nat. Trinad Chakraborty

Mister Ezekiel Onyonka Mecha
born on 1st October 1978 in Kisii (Kenya)

the academic degree of

Doctor of Human Biology
(Doctor biologiae hominis - Dr. biol. hom.)

as a result of his having provided evidence of his scientific qualification in pursuit of the
prescribed doctoral course by presenting his doctoral thesis marked with "very good" and
entitled

**"Characterization of the TGF-beta Signalosome and of
TGF-beta-dependent Endometrial Cell Proliferation"**

and passing an oral examination on this thesis (disputation),
attaining the overall assessment of
"very good".

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of the original


CYNTHIA MUDAYE ODHIAMBO
ADVOCATE & COMMISSIONER FOR OATHS
P. O. Box 692 - 00515, NAIROBI

Giessen, 4th June 2014

The Dean
< illegible signature >

Embossed seal (on the left): < LUDOVICO * D[EI]. G[RACIA]. HASSIAE * LANDGRAVIO * AUSPICE;
inner circle: SIGILLUM ACADEMIAE GIESSENANAE ANNO 1607> < The university seal, featuring Justus Liebig >

Embossed seal (on the right) < JUSTUS LIEBIG-UNIVERSITY OF GIESSEN;
inner circle: SIGILLUM ACADEMIAE GIESSENANAE 1607> < The university seal, featuring Justus Liebig >

I, the undersigned, a duly sworn and authorized translator for the English language for the Law Courts and Notaries in the State of Hesse, Federal Republic of Germany, hereby certify that the foregoing is a complete and true translation of a German certificate of the Justus-Liebig-University of Giessen, which was submitted to me as original.

A copy of the source document is attached to the foregoing. The source document consists of one (1) page; the translation consists of two (2) pages.

IN TESTIMONY WHEREOF I have hereunto set my hand and seal this 12th day of December 2014 at Pohlheim, State of Hesse, Federal Republic of Germany.

Pohlheim, 12th December 2014



Ni. Magnus

I Certify that this is a True Copy
of the original

Cynthia Mudaye Odhiambo
CYNTHIA MUDAYE ODHIAMBO
ADVOCATE & COMMISSIONER FOR OATHS
P. O. Box 692 - 00515, NAIROBI