



HEBA ALZER

ASSISTANT PROFESSOR/DENTAL ANATOMY AND HISTOLOGY/STEM CELLS BIOLOGY

APPOINTMENTS



ASSISTANT PROFESSOR OF DENTAL ANATOMY AND HISTOLOGY
• SCHOOL OF DENTISTRY • THE JORDAN UNIVERSITY (JU) • MAR 2015
TILL NOW



DOCTORAL STUDENT • UNIKLINIKUM EPPENDORF-HAMBURG (UKE) •
MAY 2011 – MAR 2015



TEACHER AND RESEARCH ASSISTANT • SCHOOL OF DENTISTRY
• JU • APR 2010 – MAY 2011



INTERNSHIP • HOSPITAL OF THE JU • SEP 2009 – MAR 2010

EDUCATION



DOCTORAL DEGREE - STEM CELLS BIOLOGY • UKE
• THE UNIVERSITY OF HAMBURG • MAY
2011 – MAR 2015



DOCTOR OF DENTAL SURGERY (DDS) • SCHOOL OF DENTISTRY
• JU • SEP 2003 – JUN 2009



SECONDARY HIGH SCHOOL SCIENTIFIC STREAM DEGREE • 2003 •
THAT ELNETAQEEN HIGH SCHOOL.

MANAGER OF THE FOLLOWING RESEARCH PROJECTS



THE EFFECT OF CULTURE CONDITIONS ON DIFFERENT STEM CELL POPULATIONS IN THE HUMAN ADULT DENTAL PULP, BUDGET 24,000 JD, 2015-2017, FINISHED, PUBLICATION: AGE OF THE DONOR AFFECT THE NATURE OF IN-VITRO CULTURED HUMAN DENTAL PULP STEM CELLS, UNDER REVIEW, INTERNATIONAL JOURNAL OF MORHOLOGY.



A STUDY OF THE ROOT AND CROWN TRAITS IN THE JORDANIAN POPULATION BY CONE BEAM. 2017-NOW. PUBLICATIONS: ALHADIDI, A., ET AL., *THE DENTAL MORPHOLOGICAL PATTERN OF THE LIVING JORDANIAN ARABS SUGGEST A MAJOR GENETIC DRIFT FROM THE WESTERN EURASIAN ANCESTRAL CATEGORY: A CONE BEAM CT STUDY*, ACCEPTED, HOMO. **PUBLICATION:** ALZER, H., ET AL., *FLUCTUATING ASYMMETRY IN DENTAL MORPHOLOGICAL TRAIT AMONGST LIVING JORDANIANS*. ACCEPTED. HOMO



LOCALISATION OF DIFFERENT STEM CELL POPULATIONS IN THE ADULT HUMAN DENTAL PULP, BUDGET 28,000 JD. ONGOING.



EFFECT OF TRIPLE ANTIBIOTIC PASTED MEDICAMENT USED IN ENDODONTIC REGENERATION ON HUMAN DENTAL PULP CELLS SURVIVAL AND ODONTOGENIC POTENTIALS, BUDGET 17,000 JD. 2017-NOW. ONGOING. PUBLICATION: THE DISCOLORATION EFFECT OF DILUTED MINOCYCLINE CONTAINING TRIPLE ANTIBIOTIC GEL USED IN REVASCLARIZATION. ACCEPTED, JOURNAL OF DENTAL SCIENCES.



ESTABLISHMENT OF CELL CULTURE LABORATORY OF THE SCHOOL OF DENTISTRY, BUDGET 40,000 JD. ONGOING



DOCTORAL PROJECT, ENRICHMENT AND CHARACTERIZATION OF NEURAL CREST-DERIVED DENTAL PULP STEM CELLS FROM HUMAN DENTAL PULP, 2011-2015, THESIS:

[HTTP://EDISS.SUB.UNIHAMBURG.DE/FRONTDOOR.PHP?SOURCE_OPUS=7238&LA=DE](http://ediss.sub.uni-hamburg.de/FRONTDOOR.PHP?SOURCE_OPUS=7238&LA=DE)

PUBLICATIONS

1. AL-ZER, H., ET AL., *ENRICHMENT AND SCHWANN CELL DIFFERENTIATION OF NEURAL CREST-DERIVED DENTAL PULP STEM CELLS. IN VIVO*, 2015. **29**(3): P. 319-26.
2. AL-ZER, H. AND H. KALBOUNEH, *DENTAL PULP STEM CELLS-DERIVED SCHWANN CELLS FOR PERIPHERAL NERVE INJURY REGENERATION. NEURAL REGEN RES*, 2015. **10**(12): P. 1945-6.
3. ALSOLEIHAT, F., ET AL., *AGE PREDICTION IN THE ADULT BASED ON THE PULP-TO-TOOTH RATIO IN LOWER THIRD MOLARS: A CONE-BEAM CT STUDY. INTERNATIONAL JOURNAL OF MORPHOLOGY*, 2017. **35**: P. 488-493.
4. ALSALEM, M., ET AL., *ROLE OF PPAR α AND PPAR γ IN MEDIATING THE ANALGESIC PROPERTIES OF IBUPROFEN IN VIVO AND THE EFFECTS OF DUAL PPAR α / γ ACTIVATION IN INFLAMMATORY PAIN MODEL IN THE RAT. INTERNATIONAL JOURNAL OF PHARMACOLOGY*, 2016. **12**: P. 812-820.

CONFERENCES



THE ELEVENTH ANNUAL CONFERENCE OF THE SCHOOL OF DENTISTRY, JU, MAR 2018, *3D BIOPRINTING IN REGENERATIVE DENTISTRY*, ALZER, H. LECTURER: DR. HEBA ALZER.



SECOND INTERNATIONAL CONFERENCE ON 3D PRINTING IN MEDICINE, MAY 2017, ATTENDANCE.



ADVANCES IN STEM CELLS AND REGENERATIVE MEDICINE CONFERENCE, MAY 2017, ATTENDANCE.



THE NINTH ANNUAL CONFERENCE OF THE SCHOOL OF DENTISTRY, JU, MAY 2016, *REGENERATIVE MEDICINE IN DENTISTRY*, ALZER, H. LECTURER: DR. HEBA ALZER.



THE FIFTH INTERNATIONAL CONFERENCE ON TISSUE ENGINEERING AND REGENERATIVE MEDICINE, SEP 2016, H. *DENTAL PULP STEM CELLS FOR PERIPHERAL NERVE INJURY REGENERATION*, ALZER, H. ET AL., LECTURER: DR. HEBA ALZER.



DIE 66 JAHRESTAGUNG DER ARBEITSGEMEINSCHAFT FUR KIEFERCHIRURGIE, GERMANY, MAY 2015, *DIE HUMANE ZAHNPULPA ALS QUELLE FUR STAMMZELLEN DER NEURALLEISTE (DP-NCSC) FUR DAS NERVALE TISSUE ENGINEERING*. ALZER, H. ET AL. LECTURER: PROF. RALF SMEETS.



22 CONGRES OF THE EUROPEAN ASSOCIATION FOR CRANIO- MAXILLO- FACIAL SURGERY, SEP 2014, *NEURAL CREST STEM CELLS IN HUMAN DENTAL PULP (DP-NCSC) AS A CELL SOURCE FOR NERVE TISSUE ENGINEERING*, ALZER, H. ET AL, LECTURER: PROF. RALF SMEETS.



STEM CELLS IN CANCER AND REGENERATIVE MEDICINE, AUG 2012, ATTENDANCE.



SECONED ANNUAL CONGRESS OF FACULTY OF DENTISTRY, JU, JUN 2009, ATTENDANCE.



FIRST ANNUAL CONGRESS OF FACULTY OF DENTISTRY, JU, JUN 2008, ATTENDANCE.

COURSES



STATISTICAL ANALYSIS USING SPSS SOFTWARE, JU, JUN 2017.



WRITING SKILLS FOR SCIENCE AND RESEARCH, CAREER CENTER, UNIVERSITY OF HAMBURG, SEP 2013.



1ST UKE LIGHT MICROSCOPY SYMPOSIUM. UKE MICROSCOPIC IMAGING FACILITY, UNEVIRSITY OF HAMBURG EDUCATIONAL HOSPITAL, FEB 2013.



COURSE ON LABORATORY ANIMALS, ANIMAL EXPERIMENT AND ALTERNATIVES. BERLINER KOMPAKTKURSE, MAR 2013.



HISTOLOGICAL ANALYSIS OF MOUSE TISSUE –FROM ANTIGEN RETRIEVAL TO STEREOLOGICAL EVALUATION. NEUROPATHOLOGY DEPARTMENT, UNIVERSITY OF HAMBURG EDUCATIONAL HOSPITAL, APR 2013.



ADVANCED IMAGING METHODS WORKSHOP, UKE MICROSCOPIC IMAGING FACILITY, UNIVERSITY OF HAMBURG EDUCATIONAL HOSPITAL, APR 2013.



ANIMAL EXPERIMENTATION WITH THE MOUSE 1. ANIMAL FACILITY, UNIVERSITY OF HAMBURG EDUCATIONAL HOSPITAL, HAMBURG, MAR 2012.



ADVANCES IN ORAL MEDICINE COURSE, PROF. STEPHEN PRIME. CENTER FOR EDUCATIONAL DEVELOPMENT, JU, JUN 2008.



NITI ROTARY INSTRUMENTATION COURSE. CENTER FOR EDUCATIONAL DEVELOPMENT, JU, JUN 2009.

CONTACT



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<https://scholar.google.com/citations?hl=ar&user=-XVAOsAAAAAJ>



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