

CURRICULUM VITAE

Personal Data

Name: Nefertiti Adly Hassan El-Nikhely
Email: nefertiti_el_nikhely@hotmail.com



Education and Qualifications

February 2017 International PhD at the Faculty of Medicine, Justus Liebig University Giessen, Germany
Title: "MTA2/NuRD as a regulator of NF- κ B Signaling in Lung Cancer Progression"

2006 Master in Biotechnology, Institute of Graduate Studies and Research, Alexandria University, Egypt
Title: "Molecular and Biochemical Studies on Plant Lectin Ricin"

2002 Diploma in Biotechnology Institute of Graduate Studies and Research, Alexandria University,
Title: "A molecular study on a novel P450 gene isolated from *Schistosoma haematobium*"

2000 Bachelor of Pharmaceutical Sciences Faculty of Pharmacy, Alexandria University, Egypt

1995 High school certificate (Abitur certificate) DSB, Deutsche Schule der Borromärinnen (the German School of St. Charles in Alexandria)

Work Experience

Since May 2017 Department of Biotechnology, Institute of Graduate Studies and Research

January 2016 – April 2017 Postdoc at Max Planck Institute for Heart and Lung Research Bad Nauheim, Germany

January 2010 - December 2016 PhD Student at Max Planck Institute for Heart and Lung Research Bad Nauheim, Germany

May 2008 – December 2009 Assistant lecturer Department of Bioscience and Technology, Institute of Graduate Studies and Research, Alexandria University

August 2007 – February 2008 Research Specialist at the Center for Special Studies and Programs, Bibliotheca Alexandrina, Research area: Health biotechnology

2002 – December 2009 Assistant in training courses, Department of Bioscience and Technology, Institute of Graduate Studies and Research, Alexandria University Training courses on: - Molecular Biology and Cloning Techniques - Protein Analysis and Purification - Polymerase Chain Reaction (PCR) - Bioinformatics

2001- April 2008 Hospital Pharmacist, Alexandria University Students Hospital

Academic year 2000/2001 Assistant Demonstrator, Department of Microbiology, Faculty of Pharmacy, Alexandria University

Publications

1. Kiehl S, Herkt SC, Richter AM, Fuhrmann L, **El-Nikhely N**, Seeger W, Savai R, Dammann RH. ABCB4 is frequently epigenetically silenced in human cancers and inhibits tumor growth. *Sci Rep*. 2014 Nov 4;4:6899.
2. Kopp F, Hermawan A, Oak PS, Ulaganathan VK, Herrmann A, **El-Nikhely N**, Thakur C, Xiao Z, Knyazev P, Ataseven B, Savai R, Wagner E, Roidl A. Sequential Salinomycin Treatment Results in Resistance Formation through Clonal Selection of Epithelial-Like Tumor Cells. *Transl Oncol*. 2014 Dec;7(6):702-11.
3. Zanucco E, **El-Nikhely N**, Götz R, Weidmann K, Pfeiffer V, Savai R, Seeger W, Ullrich A, Rapp UR. Elimination of B-RAF in oncogenic C-RAF-expressing alveolar epithelial type II cells reduces MAPK signal intensity and lung tumor growth. *J Biol Chem*. 2014 Sep 26;289(39):26804-16.
4. Larzabal L, **El-Nikhely N**, Redrado M, Seeger W, Savai R, Calvo A. Differential effects of drugs targeting cancer stem cell (CSC) and non-CSC populations on lung primary tumors and metastasis. *PLoS One* (2013) Nov 20;8(11):e79798.
5. Ceteci F, Ceteci S, Zanucco E, Thakur C, Becker M, **El-Nikhely N**, Fink L, Seeger W, Savai R, Rapp UR. E-cadherin controls bronchiolar progenitor cells and onset of preneoplastic lesions in mice. *Neoplasia* (2012) Dec;14(12):1164-77.
6. **El-Nikhely N**, Larzabal L, Seeger W, Calvo A, Savai R. Tumor-stromal interactions in lung cancer: novel candidate targets for therapeutic intervention. *Expert Opin Investig Drugs* (2012) Aug;21(8):1107-22.
7. Halla Thorsteinsdóttir, Christina C Melon, Monali Ray, Sharon Chakkalackal, Michelle Li, Jan E Cooper, Jennifer Chadder, Tirso W Saenz, Maria Carlota de Souza Paula, Wen Ke, Lexuan Li, Magdy A Madkour, Sahar Aly, **Nefertiti El Nikhely**, Sachin Chaturvedi, Victor Konde, Abdallah S Daar & Peter A Singer. South-South entrepreneurial collaboration in health biotech. *Nat Biotechnol* (2010) May ; 28(5):407-416
8. Christina C. Melon, Monali Ray, Sharon, Chakkalackal, Michelle Li, Jan E. Cooper, Jennifer Chadder, Wen Ke, Lexuan Li, Magdy A. Madkour, Sahar Aly, **Nefertiti Adly**, Sachin Chaturvedi, Victor Konde, Abdallah S. Daar, Peter A. Singer, Halla Thorsteinsdóttir. A survey of South-North health biotech collaboration. *Nat Biotechnol* (2009) Mar;27(3):229-32
9. **El Nikhely, N**, Helmy, M., and Saeed, H., Abo Shamaa, L. and Abd El Rahman, Z. Comparative study on Ricin A chain. (Poster in BioVisionAlexandria Conference 2008)
10. **El Nikhely, N**, Helmy, M., and Saeed, H., Abo Shamaa, L. and Abd El Rahman, Z. Ricin A chain from *Ricinus sanguienus*: DNA sequence, structure and toxicity. *The Protein J* (2007) Oct;26(7):481-9