

## CURRICULUM VITAE



### Personal Data

Name: Nefertiti Adly Hassan El-Nikhely  
Date of birth: 04.07.1977  
Email: nefertiti.elnikhely@arca-eg.org

### 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-kB 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 Biotechnology, 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 Biotechnology, 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