

CURRICULUM VITAE

Neven Abdelhamid Zaki Ebrahim

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Research-Based Education:

Nottingham University Medical School, 2015-2016 - Postdoctoral researcher. Stem cell biology.
Nottingham University Medical School, 2012-2015 - Ph.D. "Cellular and molecular mechanisms underlying extravasation of human Wharton's jelly mesenchymal stem cells across fetal and adult endothelial cell monolayers". Under supervision of Dr. Lopa Leach and Prof. Michael Randall.

Publications

Journal Publications

Neven A. Ebrahim, Lopa Leach

"Temporal Studies into Attachment, VE-cadherin Perturbation and Paracellular Migration of Human Umbilical Mesenchymal Stem Cells Across Umbilical Vein Endothelial Monolayers." *Stem Cells Dev*, 2015

Neven A. Ebrahim, Lopa Leach

Transendothelial migration of Human Wharton Jelly Mesenchymal Stem Cells across Human Uterine Microvascular Endothelial Cell Monolayers: Analysis of Spatio-Temporal Events and Junctional Dynamics
Placenta (Pending decision)

Peer-Reviewed Abstracts

Neven A. Ebrahim, Lopa Leach

"Isolation and passage of mesenchymal stem cells from human umbilical cords." *Advances in Microcirculation*, p31, 2013

Neven A. Ebrahim, Jennifer Sedcole, Olivia Volk, Lopa Leach

"Interactions of umbilical mesenchymal stem cells with uterine and umbilical endothelial cells." *Placenta*, vol:35 (9), A92–A93, 2014

Neven A. Ebrahim, Azlina Razak, Jennifer Sedcole, Olivia Volk, Lopa Leach

"Immunolocalisation of cytokeratin 7 in human umbilical mesenchymal stem cells, umbilical vein endothelial cells and human uterine microvascular endothelial cells." *Placenta*, vol:35 (9), A23–A33, 2014

Neven A. Ebrahim, Lopa Leach

"Real time studies of transendothelial migration of human mesenchymal stem cells – junctional disruption and repair." *Microcirculation* ,2014

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"Effect of the secretome derived from co-cultures of umbilical mesenchymal stem cells and endothelial cells on VE-cadherin junctional occupancy. " *Microcirculation*, vol 22 (8), 753, 2015

Neven A. Ebrahim, Lopa Leach

"Putative mechanisms underlying transmigration of human umbilical mesenchymal stem cells across uterine microvascular endothelial cells." *Journal of Vascular Research*, 2015

Neven A. Ebrahim, Lopa Leach

"Transendothelial migration of Human Umbilical Mesenchymal Stem Cells across uterine endothelial monolayers: spatio-temporal events and junctional dynamics. " *Placenta*, 2016

These were presented as posters in BMS, ESM/EVBO, IFPA conferences.

Awards

Sept. 2011 Islamic Development Bank Merit Scholarship (3 years, to pursue Ph.D.)

July 2014 Competitive student assistance scheme award, from the British Microcirculation Society

May 2015 Symington Fund Bequest award from the Anatomical Society

Memberships:

Egyptian Medical Syndicate

Egyptian Society of Anatomy and Embryology

Egyptian Society for Progenitor Cells Research (ESPCR)

British Microcirculation Society

The Anatomical Society (UK)

Skills:

Stem Cell Biology; stem cell Isolation, primary cells culture, differentiation and co-culture. Histological, Immunohistochemistry, Immunocytochemistry, Immunofluorescence, Fluorescence Microscopy, Confocal Microscopy, Time Lapse Microscopy, Electron microscopy, Flow Cytometry, Western Blot, ELISA.

Teaching

Qualifications:

M.B.B.Ch: Faculty of Medicine, Mansoura University, Egypt, November, 2004.

M.Sc. Anatomy and Embryology: Mansoura University, Egypt, 2009.

Diploma of Health Professions Education (DHPE): Suez Canal University, 2010.

PhD Human Anatomy and Cell Biology: School of Life Sciences, Faculty of Medicine and Health Sciences, University of Nottingham, UK, 2016.

Teaching experience:

Dissection courses and tutorial teaching of human Anatomy for 1st and 2nd year students, Faculty of Medicine & Faculty of Dentistry, Mansoura University, Egypt.

Dissection courses and tutorial teaching of human Anatomy for 1st and 2nd year students, Faculty of Medicine, University of Nottingham, UK.

Supervision and teaching of cell culture and immunocytochemistry techniques for honor medical student, Faculty of Medicine, University of Nottingham, UK.

Administration

Coordinator of Quality Assurance of the Anatomy and Embryology Department, Faculty of Medicine, Mansoura University (2010-2012).

Past appointments

Rotating Internship: Hospitals of Mansoura University from March 2005 to February 2006.

Demonstrator of Anatomy and Embryology: Faculty of Medicine, Mansoura University, from May 2006 to September 2009.

Assistant Lecturer of Anatomy and Embryology: Faculty of Medicine, Mansoura University, since September 2009.

Lecturer of Anatomy: School of Medicine, University of Nottingham, UK, 2013-2016.

My references

Dr. Lopa Leach

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Prof. Michael Randall

michael.randall@nottingham.ac.uk

Prof. Vincent Wilson

vince.wilson@nottingham.ac.uk