First and Last name: Dr. Belal Rahhal

Academic degree and position: PhD, head of physiology deprtment

Specialty: Human physiology and anatomy

Institution: faculty of medicine and health sciences

City and Country: Nablus, Palestine

E-mail: belalrahhal@najah.edu

Telephone: 0599 362 853

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Biography:

Personal data:

Name: Belal Mahmoud Mustafa Rahhal

Nationality: Palestinian

Marital Status: Married

Date & Place of Birth: Selat Al-Thaher, Jenin, 31-08-1976.

Mobile No. : + 972 599 362 853

Work: An-Najah University, Nablus, Palestine

E-mail: belalrahhal2003@yahoo.com , belalrahhal@najah.edu

Education:

- **PhD** in and human physiology and neuroanatomy, department of neuroanatomy, centre of the molecular physiology of the brain, faculty of medicine, **George August University, Goettingen, Germany** (via **DAAD** scholarship).

Supervisor: Prof. Dr. Kerstin Krieglstein (2003-2006, **English** language, **Excellent**).

Title of PhD Dissertation: (Physiological Effects of TGF-β2 and GDNF in the Development of the Mouse Nervous System: Evidence from Double Mutant Mice)

Major Final Exams:

1- Human physiology (Muscle physiology and neuromuscular junction)
2- Neuroanatomy (Neurotrophic factors)
3- Developmental biology

- **M. Sc.** in biological sciences/ human physiology with GPG: 3.5/4 **(Excellent), University of Jordan, Amman**, **Jordan** (via **DAAD** scholarship), (2000-2002, **English** language).

Title of M. Sc. Thesis: (Effects of Selected Chemical Ingredients From *Crataegus aronia* L. on Rat Isolated Smooth Muscle, Perfused Heart and Diuresis).

- **B. Sc**. Biology, faculty of science with GPA: 89.6 % **(Excellent), An-Najah National University, Palestine**, (1994-1998, **English** language).

- Secondary school certificate, average: 91.7 % **(Excellent),** 1994.

Awards and scholarships:

- Sheikh Hamdan bin Rashid Al Maktoum Award for Medical Sciences, Dubai, UAE, 2005.
- DAAD scholarship to get my PhD in Germany
- DAAD scholarship to get my M.Sc. at the University of Jordan, Jordan.
- The Daniel Turnberg UK/Middle East Travel Fellowship, visiting UCL in london for short study visit (6/2010).

Experiences:

- Working in the ministry of health / Environmental health (1998-1999)
- Teaching at the University of Jordan for practical general biology and practical human physiology courses (2000-2002)
- Teaching assistance in human neuroanatomy and human histology practical courses (2005-2006, Germany).
- Study visit at the university of Freiburg, Germany, via DAAD scholarship (2009).
- Assistance Prof. at An-Najah National University, Nablus, Palestine (since 2007).
- Head of Physiology department at faculty of medicine and health sciences (2008-until now)

Conferences and Workshops:

I joined the following conferences and workshops:

1- The 5th Jordanian conference for medical and biological sciences (2002, Jordan)
2- Neuroplasticity: from molecules to system (Toskana, Italy, 2004)
3- The 30th Goettingen Neurobiology conference (Goettingen, Germany, 2005)
4- The 6th meeting of the german neuroscience society (Goettingen, 2005)
5- Anatomy and physiology of the synapse- synaptic transmission (Germany, 2005)
6- International neuroscience conference (Dubai, UAE, 2005)
7- 5th Forum of european neuroscince conference (Vienna, 2006)
8- Challenges in the discovery of novel therapeutics for neurological and psychiatric diseases (workshop, Vienna, 2006)
9- Neurotrain course for PhD students in Europe (Austria, 2006)
10- How to prepare a successful grant (workshop, Austria, 2006)

Seminars:

During my PhD study I joined regular seminars in:

Neuroscience, Human Physiology, Biochemistry, Molecular and Developmental Biology.

Publications:

- **Rahhal, B.,** Duenker, N., Combs, S., and Krieglstein, K. (2004). Isoforms-specific role of transforming growth factor-beta2 in the regulation of proliferation and differentiation of murine adrenal chromaffin cells in vivo. *J. Neurosci. Res.* 78: 493-498.
- Roussa E, Oehlke O, **Rahhal B,** Heermann S, Heidrich S, Wiehle M, Krieglstein K. Transforming growth factor beta cooperates with persephin for dopaminergic phenotype induction. Stem Cells. 2008 Jul;26(7):1683-94.
- Rahhal B, Heermann S, Ferdinand A, Rosenbusch J, Rickmann M, Krieglstein K. In vivo requirement of TGF-beta/GDNF cooperativity in mouse development: focus on the neurotrophic hypothesis. Int J Dev Neurosci. 2008 Sep 6.

Languages:

- Arabic: mother language
- English : very good
- German: good

Teaching courses:

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Research interests:

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Publications:

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