

Dror Shamir

CURRICULLUM VITAE AND SYNOPSIS OF RESEARCH

• **Personal Details:**

Name: Dror Shamir

Address: 16 Gefen Str., Gvahot Bar, Israel

Tel: +972-50-6244137

Present Employment: Analytical Chemistry Dept., NRCN, POB. 9001, Beer-Sheva, 84190, Israel, Tel.: +972-8-6568727; Fax: +972-8-6568686

Email: drorshamir@gmail.com

Date of birth: 18.06.1972

Family sit.: married + 3 children

• **Education**

2003-2007: Ph.D. in Chemistry at Ben Gurion University of the Negev, Beer Sheva, supervised by: Prof. D. Meyerstein and Prof. I. Zilbermann

Thesis subject: "Nickel(III) complexes with macrocyclic ligands in aqueous solution".

2001-2003: M.Sc. in Chemistry at Ben Gurion University of the Negev, Beer Sheva, Israel

1998-2001: B.Sc. in Chemistry at Ben Gurion University of the Negev, Beer Sheva, Israel

• **Employment**

2018 – present: Head of R&D at the analytical chemistry department, NRCN

2017: On sabbatical leave, Visiting Senior Researcher at Prof. Zeev Gross' research laboratory, the Technion, Israel

2012 – 2016: Senior chemist at R&D laboratories, NRCN

2007-2012: Head of Analytical laboratory, NRCN

- **Memberships/Fellowships**

1. Israeli Analytical Chemical Society
2. Israel Chemical Society

- **Educational Activities**

(a) Research Students:

Towards Ph.D. degree in Chemistry at Ben-Gurion University of the Negev:

1. Mr. Lior Carmel (co-supervisor Prof. Dan Meyerstein) - studies on going

Towards M.Sc. degree in Chemistry at Ben-Gurion University of the Negev:

1. Mr. Elad Itach (co-supervisor Prof. Dan Meyerstein) – finished 2013
2. Mr. Zorik Shamis (co-supervisor Dr. Ariela Burg) - studies on going

Since 2004: Supervised about 40 students towards practical engineering diploma at the Technological College, Beer Sheva, Israel

(b) Teaching:

2015: Lecturer, General and Analytical Chemistry course for laboratory workers, NRCN.

2012: Lecturer, General and Analytical Chemistry course for laboratory workers, NRCN.

2009-2010: Lecturer and instructor, General and Analytical Chemistry course for technical assistants, the Technological Collage, Beer Sheva, Israel

- **Grants**

2015-2018: Sol-gel matrices as ion and electron exchange columns and as redox catalysts (D. Shamir, A. Burg, Y.Albo) – from The Pazy – IAEC.

2009-2010: Investigation of microbially mediated precipitation of calcium carbonate in naturally occurring sands (M. Tsesarsky, D. Shamir) – from The Ministry of National Infrastructure.

- **Awards**

2010-2016: The kazir scholarship to promising Israeli scientists specializing in fields of natural sciences and engineering.

2006-2006: Prize for excellence in research during the Ph.D Studies from TEVA- TECH industry.