

NADER ROBIN AI BUJUQ.

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Personal Information

Family name: Robin Al Bujug

Forename: Nader

Place & Date of birth: Amman- 28/01/1973- Jordan

Nationality: Jordanian

Education and Academic Background

2009 PhD

PhD degree in Organic Chemistry with European Doctorate Category

Title of the Ph.D. Dissertation " **Synthesis of Glycosides, Thioglycosides and Disaccharides of Iminocyclitols**" (Excellent grade with cum laude)

Research advisor: Prof. Dr. José Fuentes Mota, University of Seville, Spain.

PhD (European Doctorate) from Stuttgart university, Germany

1997-1990 M.Sc.

In Organic Chemistry (Heterocyclic Chemistry).University of Jordan, Amman, Jordan. (Very Good)

Title of the M.Sc. Thesis "**Synthesis and Properties of Some new Chiral 7-(substituted)benzofurylpyrazolo[4,3-d]pyrimidin-7-ones**"

Research advisors: Dr. Salim Sabri & Mustafa El Abadelah

1991-1995 B.Sc.

University of Jordan, Amman, Jordan. (Good)

Research Interest

Carbohydrates Chemistry, Iminosugar Synthesis, Glycosidation and Oligosaccharides Synthesis.
Heterocyclic Chemistry and stereoselective synthesis

Professional Experience

- | | |
|----------------|------------------------------------------------------------------------------------------------------------------------|
| 7/2002-9/2004 | Lecturer of Organic Chemistry, Biochemistry, College of Medicine, Biochemistry Department, King Faisal University, KSA |
| 10/2000-9/2001 | Research Assistant at Jordan University, Amman/Jordan. Synthesis of biologically active heterocyclic compounds. |
| 4/2000-10/2000 | Exchange-Research-Student at Tübingen University, Synthesis of optical isomers of different <i>Viagra</i> derivatives |

Scholarships & Grants

- Scholarship from the University of Jordan for my M.Sc. Studies.
- Grant from the Tübingen University to work in the Laboratory of Professor Voelter for 6 months (Germany).
- La Agencia Española de Cooperación Internacional (AECI) award for my PhD Studies (Seville University, Spain)
- Award for research in the Seville University (Junta de Andalucía), Spain

PUBLICATIONS

Nader R. Al-bojuk^a, Mustafa M. El-Abadelah*^a, Salim S. Sabri^b, Alain Michel^c, Wolfgang Voelter^d, Cécilia M.-Mössmer^e, and Yousef Al-Abed^f

TITLE: "Synthesis and vasorelaxant potency of *Monagra*. A chairal 5-(2-Methyl-2,3-Dihydro-7-benzofuryl) pyrazolopyrimidone analog of *Viagra*[®]"

REF. JOURNAL : *Heterocycles*, **2001** 55, 1789

José Fuentes, **Nader R. Al-Bujuq**, Manuel Angulo, Consolación Gasch

TITLE: " *Iminosugar thioglycoside as glycosyl donors. A route to disaccharides with an iminosugar moiety* "

REF. JOURNAL : *Tetrahedron Lett.* **2008**, 49, 910

José Fuentes, **Nader R. Al-Bujuq**, Consolación Gasch

TITLE: " *Efficient synthesis of disaccharides analogous with an iminocyclitol moiety* "

REF. JOURNAL : *Tetrahedron* . to be published.

José Fuentes, **Nader R. Al-Bujuq**, Consolación Gasch

TITLE: " *The use of iminocyclitol derivatives as glycosyl donor in glycosidation reactions* "

REF. JOURNAL : *Tetrahedron. Asymmetry* . to be published.

International Conferences

AUTHORES: **Nader Robin Al Bujuq**, Consolación Gasch, María Ángeles Pradera, y José Fuentes*

TITLE: " *Glicósidos y tioglicósidos de azaazúcares* "

PARTICIPATION: **Poster**

CONGRESS: **VIII Jornadas de carbohidratos**

DATE : **13-15 of September 2006**

PLACE : **Alcalá de Henares , Madrid**

AUTHORES: José Fuentes, **Nader R. Al Bujuq**, Maria Ángeles Pradera, and
Consolación Gasch.

TITLE: "*Azasugar Derivatives as Glycosyl Donors in Glycosidation Reactions.*

Synthesis of Azasugar Disaccharides "

PARTICIPATION: **Poster**

CONGRESS: **50.th Anniversary Meeting-Challenge in Organic Chemistry- Eight
Tetrahedron Symposium**

DATE : **26-29 June 2007**

PLACE : **Berlin , Germany**

AUTHORES: José Fuentes, **Nader R. Al Bujuq**, Consolación Gasch, Manul Angulo

TITLE: "**Anhydro-and thioglycoside-iminosugar. Synthesis and their use in glycosidation
reactions "**

PARTICIPATION: **Poster**

CONGRESS: **24th International Carbohydrate Symposium**

DATE : **27 July -1 August, 2008**

PLACE : **Oslo, Norway**

AUTHORES: José Fuentes, **Nader R. Al Bujuq**, Consolación Gasch, Manul Angulo

TITLE: "**The Use of Iminosugar Derivatives as Glycosyl Donors in Glycosidation Reactions "**

PARTICIPATION: **Poster**

CONGRESS: **IV IBERIAN CARBOHYDRATE MEETING
IX JORNADAS DE CARBOHIDRATOS**

DATE : **10-12 September 2008**

PLACE : **Santiago de Compostela, España**

Special Skills, Training and Languages

- Microsoft office
- Internet Search like, Scifinder, Beilestein commander
- Chemistry Drawings and calculations (2D & 3D)
- Topspin software: eg. NMR calculations
- NMR, IR
- Fluent in English, Spanish and Arabic.

References

1. Prof. Dr. José Fuentes Mota
Department of Organic Chemistry -University of Sevilla, Spain.
C./ Profesor Garcia Gonzalez 1, 41012, Sevilla

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 0034 954 55 15 18

E-Mail: jfuentes.@us.es
2. Prof. Dr. Volker Jäger
Institut für Organische Chemie, Universität Stuttgart , Pfaffenwaldring 55, D-70569
Stuttgart (Germany)

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Fax: (+49) 711/685-64321

E-mail: jager.ioc@oc.uni-stuttgart.de
3. Prof. Salim S. Sabri,
Vice chancellor for academic affairs, University of Sharjah,
Sharjah, UAE;

E-mail: Salim@sharjah.ac.ae