

CURRICULUM VITAE

PERSONAL HISTORY

Name: Moussa Abraham Saleh Khelifa

Date of birth: 01/01./1972

Marital status: Married

Nationality: Libyan

ACADEMIC DEGREES

- 1- Ph.D. (Polymer/Organic Nanotechnology), 2013, Institute of Chemistry, Heriot Watt University, UK.
- 2- RNDr. (Bio-Organic Chemistry), 2005, Department of Chemistry, Faculty of Science, Pavol Jozef Safarik University Slovakia.
- 3- M.Sc. (Organic Chemistry), 2004, Department of Chemistry, Faculty of Science, Pavol Jozef Safarik University Slovakia.
- 4- B.Sc. (Chemistry), fall 1995, Department of Chemistry, Faculty of Science, Sebha University, Libya

WORK EXPERIENCE

Teaching Assistant, Institute of Chemical Sciences, Heriot Watt University 2011-2013

Assistant Lecturer, Department of Chemistry, Faculty of Science, Sebha University
2006 – 2008

Teaching Assistant (Demonstrator) at Department of Chemistry, Faculty of Science, Sebha University 1997-2001

MEMBERSHIP at:

- The Royal Society of Chemistry (RSC)
- The Libyan Society of Chemistry in UK

RESEARCH

My main research interest in

- Synthetic **polymer** chemistry, often at the borderline to **Organic** chemistry
- Synthesis of polymer nanofillers

- Application of polymer nanocomposites (Thermal/Mechanical behaviour, Physical Aging)
- Organic synthesis

National /Regional Conference

1. 55. Annual Meeting of Chemical Societies, Košice, Slovakia Republic,(2003).
2. 56. Annual Meeting of Chemical Societies, Ostrava, Czech Republic, (2004)
3. Macro 2010 conference in Glasgow, UK (2010)
4. The 2nd International Symposium on “Controlled/Living Polymerization, Antalya, Turkey. (2011).
5. 5th Asia-Europe Symposium on Processing and Properties of Reinforced Polymers held in Dresden, Germany.(2011)
6. Macro Group YRM, Young Researchers Meeting. *July 11th and 12th, 2011 in Liverpool.*
7. Macro 2013 conference in Kambage, UK (2013)
8. XII International Conference on Precision Engineering and Nano-technology. Penang, Malaysia (2014)

Skills training courses attended

- 1- Leading and developing entrepreneurship/structuring and managing technology projects
- 2- Communication skills for researcher
- 3- Excel1 and Excel2
- 4- Edinburgh local GRAD
- 5- Learning enhancement and development skills
- 6- Project management
- 7- Gas safety course
- 8- Writing report workshop
- 9- Introduction to endnote

LIST OF PUBLICATIONS

1. Khlifá M., Čurillová Z., Kutschý P. : Synthesis and Cyclization of Some Analogs of Brassinin.55. Annual Meeting of Chemical Societies, Košice, Slovakia Republic, 8P-09, 2003. Chem.Listy **97**,785. (2003).

2. Khlifa M., Čurillova Z., Kutschy P.: Spirocyclization of some analogs of indole phytoalexin brassinin.56. Annual Meeting of Chemical Societies, Ostrava, Czech Republic, 4P-05, 2003. Chem.Listy **98**,659. (2004)
3. Kraft, A.; Arrighi, V.; Khlifa, M. Thermal and dynamic mechanical properties of dispersed/ grafted PMMA silica nanoparticle composites. *Polym. Mater. Sci. Eng.*, 2010, **102**, 701
4. Kraft, A.; Arrighi, V.; Khlifa, M. Synthesis and dynamic mechanical of PS grafted from dispersed and aggregated silica nanoparticles. *Polym. Preprints.*, 2011, **52 (2)**, 105
5. Kraft, A. M., Arrighi, V., & Khlifa, M. (2013). Microwave-assisted deuterium exchange in polystyrene and poly(4-hydroxystyrene): a new and rapid deuterium-labelling method. *Abstracts of Papers: American Chemical Society Meetings*, Orleans, New Orleans, United States. **245(2013)**.
6. Khlifa, M. Youssef, A. Zaed, A. Kraft, A. Arrighi. A. Synthesis of polystyrene grafting filler nanoparticles. *International journal of chemical, nuclear, metallurgical and materials engineering*, 2014,**12 (8)**, 1220
7. Almaky, M.; Khlifa, M.; Alhdiri, S.; Aboulgasem G. The effect of antioxidants for thermostablization upon high density polyethylene by using various techniques .*Journal of Sebha University (pure and applied science)*, 2016, **15**
8. Khlifa, M.; Youssef, A.; Almaky, M.; Abdalgader, A.; Thermal and physical ageing properties of poly(methyl methacrylate) silica nanocomposies.*Journal of Sebha University (pure and applied science)*, 2016, **15**
9. Khlifa, M. M.Youssef Synthesis of deuterated poly(4-acetoxystyrene) by a polymer-analogous reaction sequence. *Arab journal of sciences & research publishing*, 2016, 3.
10. Zaed, A; Khlifa, M, Synthesis of Anti-fungals, chiral imidazolyl-imino and amino compounds. *Arab journal of sciences & research publishing*, 2017, 1, 30-40, ISSN 2518-5780