

السيرة الذاتية

الاسم عبد المنعم عبد السلام بلق

العنوان: الاكاديمية الليبية للدراسات العليا فرع الساحل الغربي

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المعلومات الشخصية :

اللغة :عربي +انجليزي

تاريخ الميلاد :6-3-1974

الديانة :مسلم

الجنس :ذكر

الحالة الاجتماعية : متزوج

المؤهلات العلمية

2025 رئيس تحرير مجلة ساحل المعرفة في الاكاديمية الليبية للدراسات العليا فرع الساحل الغربى.

2018- 2024 استاذ مشارك ومتعاون مع قسم الكيمياء بجامعة الوسترن كيب – جنوب افريقيا

2017 – باحث (post-doctor) في قسم الفيزياء بجامعة الوسترن كيب –جنوب افريقيا

2012-2016 – باحث ومحاضر في قسم الكيمياء (post-doctor) بجامعة الوسترن كيب -جنوب افريقيا

2007-2011- شهادة الدكتوراء في قسم الكيمياء بجامعة الوسترن كيب – جنوب افريقيا

بعنوان - **Synthesis and Electrochemistry of Novel Conducting Dendrimeric Star Copolymers-on-Poly(Propylene imine) Dendrimer.**

2005- 2006 شهادة الماجستير في قسم البوليمر بجامعة ستلن بوش – جنوب افريقيا

بعنوان – **'Synthesis and Characterization of Graft and Block Copolymers using Hydroboration'**

2004 شهادة البكالوريوس (BSC Honours)من قسم البوليمر جامعة ستيلين بوش – جنوب افريقيا

2003 دراسة اللغة الانجليزية في جامعة ستيلين بوش –جنوب افريقيا

1993-1998 شهادة البكالوريوس في الهندسة الكيميائية من كلية الهندسة بصبراتة جامعة الزاوية ليبيا

1992-الشهادة الثانوية العامة قسم علمي مدرسة الزرامقة العجيلات ليبيا

الابحاث العلمية والكتب المنشورة في المجلات الدورية

1. Abdellatif Ait Lahcen, **Abd Almonam Baleg**, Priscilia Baker, Emmanuel Iwuoha, Aziz Amine. Synthesis and electrochemical characterization of nanostructured magnetic molecularly imprinted polymers for 17- β -Estradiol

determination. *Sensors and Actuators B: Chemical*. Volume 241, 31 March 2017, Pages 698–705

2. Hlamulo R. Makelane, Suru V. John, Tesfaye T. Waryo, **Abd Baleg**, Noluthando Mayedwa, Candice Rassie, Lindsay Wilson, Priscilla Baker, Emmanuel I. Iwuoha. AC voltammetric transductions and sensor application of a novel dendritic poly(propylene thiophenoimine)-copoly(3-hexylthiophene) star co-polymer. *Sensors and Actuators B: Chemistry*, Volume 227, 2016, Pages 320-327.
3. Tbrah Nuoh, Johan Andre Mars, Ntevheleni Thovhogi, Dhiro Gihwala, **Abd Almonam Baleg**, Malik Maaza, Influence of Temperature and pH on Corrosion Resistance of Ni-Cr and Co-Cr Dental Alloys on Oral Environment. *Journal of Dental and Oral Health*, Volume 1, Issue 1, 2015.
4. Gertrude Fomo, Tesfaye T Waryo, Christopher E Sunday, **Abd A Baleg**, Priscilla G Baker, Emmanuel I Iwuoha. Aptameric Recognition-Modulated Electroactivity of Poly(4-Styrenesulfonic Acid)-Doped Polyaniline Films for Single-Shot Detection of Tetrodotoxin. *Sensors*, 8, 15(9), 2015, 22547.
5. **Abd Almonam Baleg**, Nazeem Jahed, Anne L. Djoumessi Yonkeu, Njagi Njomo, Gcineka Mbambisa, Kerileng M. Molapo, Xolile G. Fuku, Gertrude Fomo, Hlamulo Makelane, Abebaw Tsegaye, Tesfaye T. Waryo, Priscilla Baker, Sibulelo Vilakazi, Robert Tshikhudo, Emmanuel I. Iwuoha. Impedimetry and microscopy of electrosynthetic poly(propylene imine)-co-polypyrrole conducting dendrimeric star copolymers, *Electrochimica Acta*, 2014,128, 448–457.
6. Chinwe O. Ikpo, Njagi Njomo, Kenneth I. Ozoemena, Tesfaye Waryo, Rasaq A. Olowu, Milua Masikini, **Abd Almonam Baleg**, Nazeem Jahed, Priscilla G. L. Baker, Emmanuel I. Iwuoha. Electrokinetic and Impedimetric Dynamics of FeCo-Nanoparticles on Glassy Carbon Electrode. *Nano Hybrids*, Volume 3, 2013, Pages 1-23
7. **Abd Almonam A. Baleg**, Nazeem M. Jahed, Omotayo A. Arotiba, Stephen N. Mailu, Nicolette R. Hendricks, Priscilla G. Baker and Emmanuel I. Iwuoha, Synthesis and Characterization of Poly(propylene imine) Dendrimer –

Polypyrrole Conducting Star Copolymer. Journal of Electroanalytical Chemistry, 2011, 652 (1-2), 18-25.

8. Stephen N. Mailu, Tesfaye Waryo, Peter M. Ndangili, Fanelwa R. Ngece, **Abd A. Baleg**, Priscilla G. Baker, Emmanuel I. Iwuoha, Determination of Anthracene on Ag-Au Alloy Nanoparticles/Overoxidized-Polypyrrole Composite Modified Glassy Carbon Electrodes, Sensors, 2010, 10, 9449-9465.
9. Rasaq A. Olowu, Peter M. Ndangili, **Abd Almonam Baleg**, Chinwe O. Ikpo, Njagi Njomo, Priscilla Baker, Emmanuel Iwuoha. Spectroelectrochemical Dynamics of Dendritic Poly (Propylene imine)-Polythiophene Star Copolymer Aptameric 17B-Estradiol Biosensor . International Journal of Electrochemical Science, Volume 6(2011), Pages 1686-1708.
10. Natasha West, Priscilla Baker; Omotayo Arotiba, Nicolette Hendricks, **Abd Almonam Baleg**, Tesfaye Waryo, Fanelwa R. Ngece, Emmanuel I. Iwuoha Overoxidized polypyrrole incorporated with gold nanoparticles as platform for impedaimetric anti-tranglutaminase immunosensor Analytical Letters Volume 44, Issue 11, 2011, pages 1956-1966.
11. Faiza J. Iftikhar, Priscilla G.L. Baker, **Abdul M. Baleg**, Peter M. Ndangili, Stephen N. Mailu, Emmanuel I. Iwuoha, Modulation of the interfacial electrochemistry of surfactant-functionalised polypyrrole chemical sensor systems Original Research Article. Electrochimica Acta, Volume 56, Issue 14, 30 May 2011, Pages 5214-5221.

المؤتمرات العلمية وورش العمل

- 1- Presented a poster at the 67th Annual Meeting of the International Society of Electrochemistry on 21-26 August, 2016 in The Hague, The Netherlands. Synthesis and Characterization of Graphene Stabilized Dendritic Star Copolymer for Supercapacitor Systems.
- 2- Presented an oral presentation at All African Nanoscience and Nanotechnology Workshop held in Cape Town, South Africa 20-22 September 2016

- 3- Presented a poster at 7th Meeting of Electrochemistry in Nanoscience (ElecNano) in Lille, France from the 23th to 26th May, 2016. Graphene stabilized dendritic star copolymer supercapacitor systems.
- 4- Presented a poster at 13th Annual UNESCO-IUPAC Workshop and Conference on Macromolecules Materials, 7-10 September 2015, Port Elizabeth, South Africa, Graphene stabilized dendritic star copolymer for supercapacitor systems.
- 5- Presented a poster at 3rd International Symposium on Electrochemistry, Synthesis and Electrochemistry of Graphenated Conducting Dendritic Star Copolymer-Nanocomposite, 26-28 May 2015, University of the Western Cape, Bellville, South Africa.
- 6- Attend the course Technology Commercialisation: from lab to market. August-September 2015.
- 7- Presented a poster at 13th Topical Meeting of the International Society of Electrochemistry Advances in Electrochemical Materials Science and Manufacturing 7 to 10 April, 2013, Pretoria, South Africa, Impedimetry and microscopy of electrosynthetic poly(propylene imine)-co-polypyrrole dendritic star copolymer
- 8- Member of scientific organization committee for 2nd International Symposium on Electrochemistry (*Electrochemistry for Energy*) 19-20 July 2012, at University of the Western Cape, Bellville, South Africa
- 9- Presented a poster at 2nd International Symposium on Electrochemistry (*Electrochemistry for Energy*) 19-20 July 2012, at University of the Western Cape, Bellville, South Africa, Synthesis and Electrochemistry of Novel Conducting Dendrimeric Star Copolymers on Poly(propylene imine) Dendrimer
- 10-Attending a workshop at central analytical facilities on solid state NMR spectroscopy and Fluorescence spectroscopy at Stellenbosch University. July-2011
- 11-Analytica 2010 Conference; International conference on Analytical Sciences, 5th-9th Dec. 2010, Stellenbosch University, South Africa. Presented an oral presentation entitled 'Synthesis, Characterization and Electrochemistry of polypyrrole-poly(propylene imine) dendrimeric star Copolymer'

- 12-3rd NanoAfrica 2009 Conference, 1-4 February 2009, Pretoria, South Africa,
Presented an oral presentation entitled Synthesis and characterization of novel
poly(propylene imine)-polypyrrole conducting star copolymers
- 13-10th International symposium on 'Kinetics in Analytical Chemistry' Fountains
Hotel, Cape Town, South Africa. 2nd-4th Dec. 2009. Presented a poster
presentation Electrochemical polypyrrole-poly(propylene imine) dendrimeric
star co-polymer.
- 14-Presented a poster at 39th SACI National Convention conference on 30th.
November- 5th. December 2008 at University of Stellenbosch, South Africa.
Synthesis and Characterization of Novel Conducting Star Copolymers
- 15-Presented a poster in July 9-11, 2008, 1st International Symposium on
Electrochemistry, at University of the Westby cape, Bellville, South Africa,
Synthesis and Characterization of Novel Conducting Star Copolymers.

المهارات العلمية

Information Technology Excellent computer skills, and proficiency in: Microsoft Word,
Access, PowerPoint and Origin, other programs ChemOffice .

Communication & Organisational

Communication &

Fluent in Arabic and English

Organisational

Good organisational and time-management skills
Ability to work unsupervised, and as part of a team

Hobbies:

Making friends and traveling.

المراجع في ليبيا

د. عمر سلطان

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المراجع فى جنوب افريقيا

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