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| **FULL NAME** | Abd Almonem Doolaanea |
| **PERMANENT ADDRESS** | 30 Lorong IM8/31 Taman Polo, Indera Mahkota  25200 Kuantan  Pahang Darul Makmur |
| **WORKING ADDRESS** | Advanced Drug Delivery Lab, Department of Pharmaceutical Technology, Faculty of Pharmacy, International Islamic University Malaysia, 25200 Kuantan, Malaysia  +609-5716400 ext. 4854 |
| **TEL** | +60136238628 |
| **EMAIL** | abdalmonemdoolaanea@gmail.com  monem@iium.edu.my  abdalmonemdoolaanea@yahoo.com |
| **MARITAL STATUS** | Married |
| **GENDER** | Male |
| **RACE** | Arabic |
| **RELIGION** | Muslim |
| **LANGUAGE** | Arabic/English  French (secondary) |
| **NATIONALITY** | Syrian |

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| **ACADEMIC QUALIFICATIONS** |
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| Bachelor in pharmacy and pharmaceutical chemistry (2006)  *Faculty of Pharmacy, Aleppo University, Aleppo, Syria* |
| Master in pharmaceutical science (pharmaceutical technology) (upgraded to PhD, 2011)  *Faculty of Pharmacy, International Islamic University Malaysia, Kuantan, Pahang, Malaysia* |
| PhD in pharmaceutical science (pharmaceutical technology)  *Faculty of Pharmacy, International Islamic University Malaysia, Kuantan, Pahang, Malaysia* |

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| **WORK & EXPERIENCE** |
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| **Pharmaceutical Industry, R&D, Quality Control, Quality Assurance (2006-2009)**  *Razi Pharmaceutical Industries, Aleppo, Syria (www.razilabs.com)*   * Working about three years as a quality control manager and part of the quality assurance/R&D team. * Performing and monitoring all the quality control analysis for pharmaceutical products from raw materials, in-process control to finished product quality control. * Experience in HPLC analysis of pharmaceutical products. |
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| **Teaching Experience (2009-2014)** |
| *Faculty of Pharmacy , Aleppo University, Aleppo, Syria (2009)*   * Lab assistant for physical pharmacy |
| *Faculty of Pharmacy, Pharmacy, International Islamic University Malaysia, Jalan Sultan Ahmad Shah, Bandar Indera Mahkota, 25200 Kuantan, Pahang, Malaysia (2012-2014)*   * Lab demonstrator for physical pharmacy, dosage design, disperse systems and large scale plasmid extraction |
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| **R&D executive (2014)**  *IKOP Sdn. Bhd., Kulliyyah of Pharmacy, International Islamic University Malaysia, Jalan Sultan Ahmad Shah, Bandar Indera Mahkota, 25200 Kuantan, Pahang, Malaysia* |
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| **Assistant Professor (2014 – current)**  *Faculty of Pharmacy, International Islamic University Malaysia, Jalan Sultan Ahmad Shah, Bandar Indera Mahkota, 25200 Kuantan, Pahang, Malaysia* |
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| **Production executive (2015)**  *IKOP Sdn. Bhd., Kulliyyah of Pharmacy, International Islamic University Malaysia, Jalan Sultan Ahmad Shah, Bandar Indera Mahkota, 25200 Kuantan, Pahang, Malaysia* |
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| **Quality Assurance HOD (2016-current)**  *IKOP Sdn. Bhd., Kulliyyah of Pharmacy, International Islamic University Malaysia, Jalan Sultan Ahmad Shah, Bandar Indera Mahkota, 25200 Kuantan, Pahang, Malaysia* |

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| **CONFERENCES/EXHIBITIONS** |
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| **International Conference on Advancement in Science and Technology (iCAST) 2010**  *Kuantan, Pahang, Malaysia/20.Nov.2010* |
| * Studying The Effect of Different Parameters on The pDNA-Loaded Microspheres Prepared by Double Emulsion Solvent Evaporation Method |
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| **International Islamic University Malaysia Research, Invention and Innovation Exhibition (IRIIE 2011)**  *IIUM, Gombak, Selangor, Malaysia* |
| * Effect of Different Parameters On The pDNA-Loaded Microspheres Prepared by Double Emulsion Solvent Evaporation Method |
| * Microspher-iiUM, a Novel, Controlled-Release Drug/Gene Delivery System |
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| **The International Postgraduate Research Colloquium 2012 (IPRC 2012)**  *IIUM, Gombak, Selangor, Malaysia/ 21.Feb.12* |
| * DNA Characterization Post-Microencapsulation with Biodegradable Polymers |
|  |
| **The International Postgraduate Research Colloquium 2012 (IPRC 2013)**  *IIUM, Gombak, Selangor, Malaysia/ 19.Feb.2013* |
| * Effects of Surface Modification Using Different Surfactants and Nigella Sativa Oil on The PLGA Microparticle Uptake by PC-12 Cell Line |
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| **The 2nd International Conference and Exhibition on Pharmaceutical, Nutraceutical and Cosmeceutical Technology (PHARMATECH) 2012**  *Conference Hall 2, KLCC / 20-21st November 2012* |
| * Cellular Uptake of *Nigella Sativa* Oil PLGA Microparticles By PC-12 Cell Line (Poster) |
| * Effect of Surface Modification Using Different Surfactants and N. Sativa Oil on The PLGA Microparticle Uptake by Neuron Cell Line (Presentation) |
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| **6th Asian Association of Schools of Pharmacy (AASP)**  *14 – 17 November 2013*  *Shaw Foundation Alumni House*  *11 Kent Ridge Drive, Singapore 119244*  *Tel: (65) 6516-5775* |
| * Fabrication of non-viral gene delivery system of N.sativa/chitosan/PLGA nanoparticles * Co-encapsulation of nigella sativa oil with plasmid DNA into biodegradable PLGA nanoparticle |
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| **Conference on Industry-Academia Joint Initiatives in Biotechnology (CIA: Biotech13)**  *5 – 7 December 2013*  *Equatorial Cameron Highlands, Pahang*  *http://ciabiotech13.ump.edu.my*  *ciabiotech13@gmail.com*  *Fax: +609-5492766*  *Tel: +609-549 2341 / 2435 / 2476* |
| * Nanoencapsulation of pDNA and Nigella sativa oil into biodegradable polymers as a future eco-friendly pharmaceutical: effect of pDNA/PLGA ratio * In Vitro Evaluation of Sorbitan-Based Nigella Sativa Microemulsion in Neuroblastoma Cells |
| **CRDDS2015, Controlled Release & Drug Delivery Symposium 2015**  *15-16 Aug 2015*  *Centre for Drug Delivery Research*  *Faculty of Pharmacy, UKM, Jalan Raja Muda Abdul Aziz,*  *50300, Kuala Lumpur*  *Tel : 03-92897074 | Fax : 0326983271 | Email : crddsukm@gmail.com* |
| * Differences between CTAB and chitosan in modifying PLGA nanoparticles for gene therapy |
|  |
| **The International Conference and Exposition on Inventions by Institutions of Higher Learning (PECIPTA 2015)**  *4-6 Dec 2015*  *Kuala Lumpur Convention Centre (KLCC), Kuala Lumpur, Malaysia*  *http://pecipta.upsi.edu.my/index.php* |
| * Halal and Natural Paracetamol Jelly as Favored Anti-fever for Pediatric |
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| **Malaysia Technology Expo (MTE) 2016**  *18-20 Feb 2016*  *Putra World Trade Centre (PWTC), Kuala Lumpur, Malaysia*  *http://www.mte.org.my* |
| * Halal and Natural Paracetamol Jelly as Favored Anti-fever for Pediatric |

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| **AWARDS** |
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| **Best Poster Award**  International Conference on Advancement in Science and Technology (iCAST) 2010  *Kuantan, Pahang, Malaysia* |
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| **Gold Medal & Bronze Medal**  International Islamic University Malaysia Research, Invention and Innovation Exhibition (IRIIE 2011)  *IIUM, Gombak, Malaysia* |
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| **Best Poster Award**  The 2nd International Conference and Exhibition on Pharmaceutical, Nutraceutical and Cosmeceutical Technology (PHARMATECH) 2012  *20-21st November 2012*  *Conference Hall 2, KLCC* |
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| **Bronze Medal**  Malaysia Technology Expo (MTE) 2016  *18-20 Feb 2016*  *Putra World Trade Centre (PWTC), Kuala Lumpur, Malaysia*  *http://www.mte.org.my* |

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| **PUBLICATIONS** |
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| **Doolaanea, A. A.,** N. I. Mansor, N. H. Mohd Nor and F. Mohamed (2016). "Co-encapsulation of Nigella sativa oil and plasmid DNA for enhanced gene therapy of Alzheimer disease." Journal of Microencapsulation. |
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| Ansary, R. H., M. M. Rahman, M. B. Awang, H. Katas, H. Hadi, F. Mohamed, **A. A. Doolaanea** and Y. B. Kamaruzzaman (2016). "Preparation, characterization and in vitro release study of BSA-loaded double-walled glucose-poly(lactide-co-glycolide) microspheres." Archives of Pharmacal Research: 1-15. |
|  |
| Ismail, A. F. H., **A. A. Doolaanea**, F. Mohamed, N. I. Mansor, M. A. M. Shafri and F. A. Yusof (2015). "Method Development and Validation using UV Spectrophotometry for Nigella sativa Oil Microparticles Quantification." J App Pharm Sci **5**(9): 082-088. |
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| **Doolaanea, A. A.**, A. F. H. Ismail, N. I. Mansor, N. H. M. Nor and F. Mohamed (2015). "Effect of Surfactants on Plasmid DNA Stability and Release from Poly (D, L-lactide-co-glycolide) Microspheres." Tropical Journal of Pharmaceutical Research **14**(10): 1769-1778. |
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| **Doolaanea, A. A.,** A. F. Harun and F. Mohamed (2014). "Quantification of Nigella Sativa Oil (NSO) from Biodegradable PLGA Nanoparticles Using FTIR Spectroscopy." International Journal of Pharmacy and Pharmaceutical Sciences **6**(10): 228-232. |
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| **Doolaanea, A. A.,** N. I. Mansor, N. H. Mohd Nor and F. Mohamed (2014). "Cellular uptake of Nigella sativa oil-PLGA microparticle by PC-12 cell line." Journal of Microencapsulation **31**(6): 600-608. |
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| Ismail, H., **Doolaanea, A.M**., Awang, M., Mohamed, F. (2012). "High initial burst release of gentamicin formulated as PLGA microspheres implant for treating orthopaedic infection." International Journal of Pharmacy and Pharmaceutical Sciences 4(supp. 4): 685-691. |
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| **PATENTS** |
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| METHOD FOR PREPARING PLASMID DNA  The Malaysian patent application no. **PI 2014000642**  2013-027 [IIUM/504/14/4/1]  This application was filed on 6th March 2014 |
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| NON-VIRAL GENE DELIVERY SYSTEM  The Malaysian patent application no. **PI 2014000662**  2013-028 [IIUM/000/14/4/1])  This application was filed on 7th March 2014. |
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| JELLY FORMULATION OF PHARMACEUTICALS, NUTRACEUTICALS AND FOOD SUPPLEMENTS.  Patent Application No: **PI 2016700404**  Date of Filing: 03/02/2016 |

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| **SUPERVISION** | | | |
| **No.** | **Student Name** | **Programme Title** | **Thesis** |
| 1 | Saeid Mezail Mawazi | Master in Pharmaceutical Sciences (Pharmaceutical Technology) | Formulation & Evaluation of Carbamazepine Sustained Release Oral Jelly for Pediatric |
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| **CO-SUPERVISION** | | | |
| **No.** | **Student Name** | **Programme Title** | **Thesis** |
| 1 | Muhammad Salahuddin Bin Haris @ Harith | PhD in Pharmaceutical Sciences (Pharmaceutical Technology) | Fusion of paracetamol and honey as a pharmaceutical suspension using quality by design (QDD) approach |
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| **INTERESTS, FIELD OF EXPERIENCE** |
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| * Drug delivery * Microencapsulation * Gene therapy * Plasmid extraction and purification * Pharmaceutical formulation * Dosage form design * Pharmaceutical analysis (especially, HPLC, FTIR, UV-VIS) * Quality control/Quality assurance |
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| *Updated: 24.06.16* |