## Curriculum vitae

| Name  | Dr. Ahmed A. H. Abdellatif, Ph.D                                 |     |
|---|--|-----|
| 1. Assistant Professor at Pharmaceutics and Industrial pharmacy dept,<br>Faculty of Pharmacy, Al Azhar University, Assuit 71524, Egypt.<br>https://www.researchgate.net/profile/Dr_Ahmed_A_H_Abdellatif<br>https://scholar.google.com/citations?user=kAxjfQEAAAAJ&hl=de |  |     |
| 2. Graduate institutes of the Faculty of Chemistry and Pharmacy,<br>Regensburg, Germany.<br><u>http://www.worldcat.org/title/formulation-and-characterization-of-nanoparticles-for-targeting-of-somatostatin-receptors/oclc/886673446</u>                               |  |     |
| Date of birth   | July 03,1977   |     |
| Place of birth  | Kena, Egypt  |     |
| Nationality   | Egyptian   |     |
| Marital status  | Married  | 100 |
| Military Service  | Completed  | 42  |
| Address   | Assiut, Al-Azhar street, Al-Azhar                                |     |
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Dear Sirs;

I am writing to you because I believe my pharmaceutical experience, expertise, and ability, as well as my intense desire, uniquely qualify me for the position of Staff member in Pharmaceutical technology department. I am working now as a lecturer at the faculty of Pharmacy, Al-Azhar University and I was working at institute of Chemistry and Pharmacy, Regensburg, Germany.

I am a Ph.D. candidate worked under the guidance of Prof. Achim Goepferich at the university of Regensburg, Germany. I have experience in the pharmaceutical basic research as well as very good knowledge in the formulation of new dosage form. I have also a good knowledge in characterization of nanoparticles, chemical synthesis, cell biology and biotechnological methods. I can characterize the nanoparticles using SDS-PAGE, <sup>1</sup>H-NMR, FT-IR, HPLC, SEC, DLS and UV-VIS spectroscopy. I can identify the presence of receptors using Dye-labeled-Ligand, RT-PCR, and immuno-labeled antibody. I can label peptides for identification of the presence of receptor using FACs and CLSM.

Some facts about me: I am 39 years old, married (3 children) and have Ph.D. I will provide your department with an open, active and reliable employee who wants to improve their knowledge and skills and expanding daily.

During studies in Pharmaceutical Technology, University of Regensburg, I am focused to acquire deep and comprehensive knowledge in development of new nanoparticles for targeted drug delivery. During my study, I have established different methods such as SDS-PAGE, <sup>1</sup>H-NMR, FTIR, HPLC, SEC, DLS and UV-VIS spectroscopy, real-time RT-PCR. I studied and optimized of the internalized nanoparticles in cells using the FACS, ICP-AES, ICP-MS and laser confocal microscopy.

Before I worked in Germany, I worked in pharmaceutical technology, Al-Azhar University, in Egypt. There, I've finished my Master science. I have developed two different microspheres loaded with Fluibuprofen as transport systems. I studied also the *in vivo* in the rat model studies for the targeting the intestine.

Ladies and gentlemen, in addition to my academic qualifications, I possess excellent computer skills and standard software skills. I speak 3 languages which is Arabic, German and English. I have participated in various workshops for training. I honestly believe that I am highly motivated for the working in Pharmaceutical industerial companies.

Thank you very much for considering my application. If you have any questions regarding my application, please feel free to contact me at my e-mail or via telephone.

Yours truly,

Ahmed Abdellatil

### **Education and Professional Training**

| From 08.2013 until now         | • Assistant Professor of Pharmaceutics and Industrial<br>Pharmacy in the Faculty of Pharmacy, Al-<br>AzharUniversity, Assiut branch, Egypt.  |  |
|--------------------------------|--|--|
|                                | • Vice Dean of the Classes of Faculty of Pharmacy for Girls,<br>Al-Azhar University at Assiut.   |  |
|                                | <ul> <li>Editor in Chief at the Pharmaceutical Journal of<br/>Innovative Drug Research and Development, the official<br/>journal of Faculty of Pharmacy, Al-Azhar University, Assiut, Egypt.<br/>http://derp.sti.sci.eg/details.aspx?Id=3227<br/>http://www.jidrd.com/</li> </ul>  |  |
| From 02. 2015 until<br>06.2016 | <ul> <li>Part Time Lecturer of Pharmaceutics in the Faculty of Pharmacy,<br/>Nahda University (NUB), Beni Swef, Egypt.</li> <li>Part Time Lecturer of Pharmaceutics in the Faculty of Pharmacy,<br/>Egyptian Russian University (ERU), Cairo, Egypt.</li> <li>Part Time Lecturer of Pharmaceutics in the Faculty of Pharmacy,<br/>October University for Modern Science and Arts (MSA), Cairo,<br/>Egypt.</li> <li>Ph.D., Pharmaceutical technology, Regensburg University,<br/>Dissertation: "Formulation and Characterization of Nanoparticles for<br/>Targeting of Somatostatin Receptors"</li> </ul> |  |
| From 10. 2014 until            |  |  |
| From 02. 2014 until            |  |  |
| 03.06.2013                     |  |  |
| 02/2009 - 05.2013              | Ph.D. program at the Department of Pharmaceutical Technology,<br>University of Regensburg, Germany   |  |
|                                | <ul> <li>Areas of Practice:</li> <li>Receptor Targeting.</li> <li>Development and characterization of different nanoparticles nanoparticles (gold nanoparticles and Quantum dots nanoparticles).</li> <li>Synthesis of different compounds.</li> <li>Cell biology.</li> <li>Characterization of the formulated nanoparticles by SDS-PAGE, 1H NMR, FTIR, HPLC, SEC, DLS and UV-VIS spectroscopy.</li> <li>Identification of receptor expression by labeled peptides, RT-PCR, and immuno-labeled antibody.</li> </ul>  |  |

|                   | <ul> <li>Studies of celullar uptake in (CHO cells, BON-1 cells, Hela cells, MCF-7 cells) by FACS and laser confocal microscopy.</li> <li>In vivo study of the formulated nanoparticles.</li> </ul>   |  |
|-------------------|--|--|
| 05/2007 - 02/2009 | Assistant Lecturer of Pharmaceutical Technology, in the Faculty of Pharmacy, Al-AzharUniversity, Assiut, Egypt   |  |
| 05/2007           | Master Degree of Pharmaceutical Technology, Al-Azhar University, Egypt   |  |
| 11/2004 - 05/2007 | Master program in Pharmaceutical Sciences, Department of<br>Pharmaceutical Technology, Al-Azhar University, Egypt  |  |
|                   | <ul> <li>Intestinal targeting and controlled release.</li> <li>Development and characterization of Microspheres.</li> <li>Characterization of the formulated microspheres by TEM, DSC and UV-VIS spectroscopy.</li> <li>Compensation studies in the rat model for the targeting of the intestine.</li> </ul> |  |
| 07/2003 - 11/2004 | As Pharmacist at the Egyptian army hospitals   |  |
| 12/2001 - 07/2003 | Administrator of Pharmaceutical Technology in the Faculty of<br>Pharmacy, Al-Azhar University, Assiut, Egypt   |  |
| 06/2001 - 12/2001 | Pharmacist in Medical service, Abu Tisht Klinic, Kena, Egypt   |  |
| 07/2000-06/2001   | Practical education at Elua-Pharmacy, Farshout, Egypt  |  |
| 09/95 - 07/2000   | Studies of Pharmacy, Faculty of Pharmacy, Al-Azhar University, Assiut, Egypt   |  |
| 07/95             | School graduation certificate (Abitur)   |  |
| 09/91 -07/95      | Secondary-School: Al-Azhar Secondary -Institut, Farshout- Egypt  |  |
| 09/88 - 07/91     | Preparatory School; Al-Azhar Preparatory Institute- Farshout- Egypt  |  |
| 09/83 - 07/88     | Primary School; Al Azhar Primary Institute – Elkoom El-Ahmar -<br>Egypt  |  |

# **Computer Skills:**

**4** International Computer Driving License "**ICDL**" Certified by UNSECO.

## Language Skills:

- **4 Arabic:** Native language.
- **4** English: fluent
- \rm **German:** fluent

## **Responsibilities:**

 As a Lectrurer of Pharmaceutics and Industrial pharmacy, Faculty of pharmacy, Al-Azhar University, Assiut, Egypt.

#### Responsibilities:

- Teaching principles of Physical Pharmacy to undergraduate pharmacy students.
- Teaching principles of all dosage form courses (I, II, III) to undergraduate pharmacy students.
- Teaching the syllabus of community pharmacy
- Teaching principles of Industrial Pharmacy I and II as well as principles of quality assurance and quality control to undergraduate pharmacy students.
- Teaching the syllabus of Pharmacy orientation to undergraduate pharmacy students.
- Participating in the preparation of theoretical and practical notebook of Dosage form courses, Community pharmacy, and Pharmaceutical industry courses.
- Supervision of master and Ph.D. thesis:
- External examiner for oral exams in:
  - \* Department of Pharmaceutics and Industrial Pharmacy, Faculty of

Pharmacy, Assiut University.

\*Department of Pharmaceutics and Industrial Pharmacy, Faculty of

Pharmacy, NAHDA University.

\* Department of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, Minia University.

### As a Lecturer of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, MSA University, Egypt.

February 2014 till june 2014.

#### Responsibilities:

- Teaching principles of Clinical Pharmacokinetics to undergraduate pharmacy students.
- Teaching principles of pharmacy orientation to undergraduate pharmacy students.

### ✤ As a Lecturer of Pharmaceutics and Industrial Pharmacy, Faculty of Pharmacy, NAHDA University, Egypt.

September 2014 till present.

#### Responsibilities:

- Teaching principles of Clinical Pharmacy II to undergraduate pharmacy students.
- Teaching principles of Biopharmaceutics and pharmacokinetics to undergraduate pharmacy students.
- Teaching principles of Community Pharmacy to undergraduate pharmacy students.

## **Activities:**

- General Coordinator at International Conference of Pharmaceutical Sciences and Education 29-31 March 2017, Luxor, Egypt, <u>http://confs.naturalspublishing.com/icipe2017/</u>
- Editorial Panel in Journal Trends in Nanotechnology & Material Science, http://excelyticspublishers.com/trends-in-nanotechnology-material-science/editorial-board.php#
- Organizer and the main coordinator committee for Session VIII, at the 2<sup>nd</sup> international conference new horizons in basic and applied science" (ICNHBAS), http://nhbas.com/OrganizingCommittee.aspx
- Supervision on the graduation projects of the fifth year students under the final supervision of Greenwich University for; Nada Khaled Elsaid (104483), Rehab Saeed Abdelaal (103155), Zobida Mohamed Hassan (101229), Mohamed Hany Radwan, Nariman Hesham Mohamed, Nehal Kamal Kamel Deabes
- ♦ Supervision on The Partial Fulfillment of Master Degree of Pharmaceutical Science with Prof. Gamal Zayed and Prof. Osama Farghaly; Mahmoud Hassan, Faculty of Pharmacy Al-Azhar University, Colon targeting using 5-FU Microsponge
- ◆ Supervision on Doctor of Natural Sciences (Dr. rer. nat.) with Prof. Hatem Sarhan; Nahla Sameh, Faculty of Pharmacy NUB University, Colon targeting using Polymeric

## List of publications:

- 1. <u>Novel gold nanoparticles coated with somatostatin as a potential delivery system for targeting somatostatin</u> <u>receptors</u>, AAH Abdellatif, G Zayed, A El-Bakry, A Zaky, IY Saleem, HM Tawfeek, Drug Development and Industrial Pharmacy, 1-10, 2016.
- 2. <u>Gold nanoparticles decorated with octreotide for somatostatin receptors targeting</u>, AAH Abdellatif, SA El Rasoul, S Osman, Int J Pharm Sci Res 7 (1), 14-20, 2015.
- Targeting of Somatostatin Receptors using Quantum Dots Nanoparticles Decorated with Octreotide, AAH Abdellatif, Journal of Nanomedicine & Nanotechnology, 2015.
- 4. <u>Transfersomal Nanoparticles for Enhanced Transdermal Delivery of Clindamycin</u>, AAH Abdellatif, HM Tawfeek, AAPS PharmSciTech, 1-8, 2015.
- 5. <u>Transfersomal Nanoparticles of Keratolytic and Antibacterial Agents for Enhanced Transdermal Delivery</u>, AAH Abdellatif, H. A. Abou-Taleb, Journal of Nanotechnology & Advanced Materials 4 (1), 19-23, 2016.
- Octreotide Labelled Fluorescein Isothiocyanate for Identification of Somatostatin Receptor Subtype 2, AAH Abdellatif, Biochem Physiol 4 (183), 2, 2016.
- 7. <u>A Formulation, Optimization and Evaluation of Controlled Released Alginate Beads Loaded-Flurbiprofen</u>, AAH Abdellatif, MA El Hamd, KI Saleh, Journal of Nanomedicine & Nanotechnology, 2016.
- 8. <u>Non-Aqueous Titrimetric Assay for Determination of Loratadine in Pharmaceutical Preparations</u>, MA El Hamd, R Ali, AAH Abdellatif, Journal of Analytical & Bioanalytical Techniques 2016.
- 9. <u>Metformin Loaded Carbopol Gel for lowering the Intra-Abdominal Visceral Fat</u>, AAH Abdellatif, HM Tawfeek, J Bioequiv Availab 8, 149-152, 2016.
- Spectrophotometric Determination of Nifedipine and Nicardipine in their Pharmaceutical Preparations, MA El Hamd, AAH Abdellatif, SM Derayea, OH Abdelmageed, HF Askal, Industrial Chemistry, 2015.
- 11. <u>OPTIMIZATION OF NANO-EMULSION FORMULATIONS FOR CERTAIN EMOLLIENT EFFECT</u>, AAH Abdellatif, HA Abou-Taleb, wjpps, 2015.
- Ahmed Abd-Ellatif and Khaled I. Saleh <u>Formulation And Evaluation Of Alginate Gel Beads</u> <u>Loaded With Flurbiprofen</u>, Bull. of Pharm. Sci. Assiut University, Vol. 31, Part 2, December 2008.
- Khaled I. Saleh, Ahmed Ismail, Mohammed A. Amin, Sayed H. Auda, Shaaban K. Osman, Ahmed Abd-Ellatif and Wael Abdella, <u>Controlling the release of azapropazone using</u> <u>calcium alginate gel beads</u>, Bull. of Pharm. Sci. Assiut University, Vol. 25, Part 2, December 2002.
- Mohamed A. El Hamd and Ahmed A. H. Abdellatif, <u>Hantzsch Reaction as a Method for</u> <u>Spectrofluorimetric Analysis of Penicillin G</u>, J. Biochem Mod. Applications. Reference number, BMA-15-101, accepted and waiting for publishing.

- Ahmed A. H. Abdellatif, Wael A. Abdelhafez, Hatem A. Sarhan, <u>Targeting Of Somatostatin</u> <u>Receptors Using Somatostatin Decorated Quantum Dots Nanoparticles</u>, IJPR-1508-8475, accepted and waiting for publishing.
- 16. Ahmed A. H. Abdellatif et al, <u>Active Targeting</u>; <u>The New Targeting Sites For Nanoparticles</u> <u>Decorated With Its Ligands</u>, Review, Pharm.J of Innovative Drug R&D, next Issue 2016.
- <u>N-terminal Mono-PEGylation of Octreotide</u>, FHD Ahmed A. H. Abdellatif, Shaaban K. Osman, Mohd Tajudin Mohd Ali, Pharm. JIDR&D, 1 (1), 1-14
- 18. Formulation of milk nanoparticles as a carrier for water insoluble drugs, new natural dosages form instead of synthetic nano-carrier. Patent being proceed.

## **Conference abstracts:**

- 1. Ahmed A. H. Abdellatif and Achim Goepferich, Fluorescent Nanoparticles Capped With Octreotide For Targeting Of Somatostatin Receptors, The 2nd international conference new horizons in basic and applied science" (ICNHBAS), Oral Presentation, Hurghada, Egypt, 2015.
- 2. Ahmed A. H. Abdellatif and Heba A.Abou-Taleb, Transfersomes Nanoparticles Loaded With Sulfur And Salicylic Acid, The 2nd international conference new horizons in basic and applied science" (ICNHBAS), Hurghada, Egypt, 2015.
- 3. Shaaban K. Osman\*, Ahmed A. H. Abdellatif and Saleh Abd El Rasoul, Self-Association Between Branched Adamantly-Poly(Ethylene Glycol) And B-Cylcodextrin For Topical Delivery Of Anti-Inflammatory Drug, The 2nd international conference new horizons in basic and applied science" (ICNHBAS), Hurghada, Egypt, 2015,
- 4. <u>A. Abd-Ellatif</u>, R. Hennig, K. Pollinger, J. Tessmar, A. Goepferich, Formulation and characterization of fluorescent nanoparticles targeting Somatostatin receptors, DPhG 2012, University of Greifswald, Greifswald, Germany (2012)
- 5. <u>A. Abd-Ellatif</u>, R. Hennig, K. Pollinger, J. Tessmar, A. Goepferich, Formulation and characterization of fluorescent nanoparticles targeting Somatostatin receptors, Controlled Release Society Germany Local Chapter Meeting, University of Wuerzburg, Germany (2012).
- 6. K. Pollinger, R. Hennig, A. Abd-Ellatif, <u>A. Goepferich</u>, Nanoparticle Interactions with Cell Surface Receptors: New Keys for Old locks, Joint Meeting of The 14th Shanghai International Biotechnology and Pharmaceutical Forum Shanghai, China (BIO-FORUM 2012).
- <u>Abd-Ellatif, A</u>. Elbakry, K. Pollinger, S. Osman, A. Zaky, R. Liebl, F. Brand, M. Breunig, J. Tessmar, and A. Göpferich, The development of nanoparticles that bind to the somatostatin receptor, The Austrian and German Pharmaceutical Societies, DPhG, University of Innsbruck, Austria (2011).
- 8. <u>A. Abd-Ellatif</u> and K. I. Saleh, Formulation and Evaluation of Alginate Gel Beads Loaded with Flurbiprofen, Pharmaceutical Science Conference, Assiut University, Assiut, Egypt (2006).

- 9. As a participant in Assiut University 3rd Pharmaceutical Science Conference, Assiut, March 6-7th, 2002.
- <u>Khaled I</u>. Saleh, Ahmed Ismail, Mohammed A. Amin, Sayed H. Auda, Shaaban K. Osman, Ahmed Abd-Ellatif and Wael Abdella, Controlling the release of azapropazone using calcium alginate gel beads, Assiut University 3rd Pharmaceutical science conference, Faculty of Pharmacy, Assiut University, Assiut, March 6-7 (2002).
- 11. <u>Klaus Polinger</u>, Robert Hennig, Ahmed Abd-Ellatif, Rebecca Wenzel and Achim Goepferich. Nanaparticles for Biomedical Applications. Regensburg University, 6th Summer School Medicinal Chemistry, September 2012.

## **Running Projects:**

- Running STDF Project, no 4729, Formulation and Characterization of Gold Nanoparticles for Treatment of Renal Failure, Basic and Applied Sciences, Co-Principle Investigator.
- Running (CIM) Project ID: 40551, for supporting education in Egypt.

## **Submitted Proposals:**

- Principal investigator for Project ID: 25650, Grant Name: Reintegration Grants (STDF-RG), Application of Targeted Polymeric Nanoparticles Loaded with 5-FU and Decorated with Somatostatin Analogue for the Treatment of Leukemia, Eligibility (Completed Submission), 07/03/2015.
- Principal investigator for Project ID: 22954, Health (S15-B2), Call/Cycle: 3, Inhalation of Gold Nanoparticles Decorated with Somatostatin Analogue for Treatment of Lung Cancer, Under Eligibility (Completed Submission), 14/07/2015.