

Curriculum vitae

Name	Hatem Abd elmonsef Ahmed Sarhan
Family Name	Sarhan
First Name	Hatem
Place of Birth	Abu-Tesht, Qena, Egypt
Date of Birth	20.01.1970
Nationality	Egyptian
Military Service	Completed
Disputation	01.01.05
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Education and Positions

Jan 2005 - now	Lecturer, Pharmaceutical Technology Department, Faculty of Pharmacy, El-Menia University, El-Menia 61519, Egypt
Juli 2007-October	Post doctoral fellowship, Faculty of Pharmacy, University of Regensburg, Regensburg, Germany
June 2000- Dec 2004	PhD program at the Department of Pharmaceutical Technology of the University of Regensburg, Regensburg, Germany
1993-1999	Manager of private pharmacy (4-5 hours daily, at the afternoon)
1999-2000	Assistant lecturer in Pharmaceutical Technology Department, Faculty of Pharmacy, El-Menia University
1997-1999	Assistant lecturer in Pharmaceutical Technology Department, Faculty of Pharmacy, El-Azhar University
1994-1997	Administrator in Pharmaceutical Technology Department, Faculty of Pharmacy, Al-azhar University and during this period, the Master degree Faculty of Pharmacy, Assiut University
1992-1993	Military service (Pharmacist in Swiss Military Hospital, Swiss City, Egypt)
1987-1992	Bachelor of Pharmaceutical science from faculty of Pharmacy, Al-Azhar university, Cairo, Egypt (very good) in 1992
Master Degree	Master Degree Title with " <i>Pharmaceutical studies on Certain Lidocaine formulations</i> " in 1997
Ph. D Degree	Ph. D Degree Title with " <i>cartilage Tissue Engineering> Effects of Interleukin-4, Insulin-like Growth Factors and Biomaterials</i> " evaluated with excellent degree (<i>Sehr gut in germany</i>), Dec. 2004, and present online at http://www.opus-bayern.de/uni-regensburg/volltexte/2005/445/
Languages	Arabic, English and German

Publications

Papers and Reviews

International

1. Appel B, Maschke A, Weiser B, Sarhan H, Englert C, Angele P, Blunk T, Goepferich A. Lipidic implants for controlled release of bioactive insulin: Effects on cartilage engineered in vitro. *Int J Pharm* 314 (2006) 170-178.
2. Eyrich, D, Wiese, H, Maier, G, Skodacek, D, Appel, B, Sarhan, H, Tessmar, J, Staudenmaier, R, Wenzel, M, Goepferich, A, Blunk, T. In Vitro and In Vivo Cartilage Engineering Using a Combination of Long-Term Stable Fibrin Gels and Polycaprolactone-Based Scaffolds. *Tissue Engineering* 13 (2007).
3. Gamal El-Din A.A. Abuo-Rahma, Hatem A. Sarhan, gamal F. M. Gad, design, synthesis, antibacterial activity and physicochemical parameters of novel N-4-piperazinyl derivatives of norfloxacin, *Bioor. Med. Chem.* 17 (2009) 3879-3886.
4. B.Appel , J. Baumer, D. Eyrich, H. Sarhan, S. Toso, C. Englert, D. Skodacek, S. Ratzinger, S. Grassel A. Goepferich and T. Blunk. Synergistic effects of growth and differentiation factor-5 (GDF-5) and insulin on expanded chondrocytes in a 3-D environment. *Osteoarthritis and Cartilage* (2009) 17, 1503-1512
5. Khaled A. Khaled, Hatem A. Sarhan, Mohamed Abbas Ibrahim, Azza H. Ali, and Youssef Prednisolone-Loaded PLGA Microspheres. In Vitro Characterization and In Vivo Application in Adjuvant-Induced Arthritis in Mice, *AAPS Pharm SciTech* (2010) 11, 2, 859- 869
6. Mueller R., Blunk T., Sarhan H., Fierlbeck J., Hammer J., Kujat R., Englert C., Nerlich M., and Angele P. Stabilization of hyaluronan-gelatin composite scaffolds by chemical cross-linking. Submitted to *Biomaterial*.

Local

1. S. M. Ahmed, M. A. Ibrahim, H.A. Sarhan, and M. A. Amin, Formulation and characterization of biodegradable chitosan films for topical application of terbinafine HCl, *Bull. Pharm. Sci., Assiut University*, 30, (2007) 111-129.
2. Hatem Sarhan, Mohamed A. Ibrahim, Mohamed A. Amin, and Amro KF Dyab, Topical emulsion stabilized by silica nanoparticles: in vitro release and anti-inflammatory studies of flurbiprofen and diclofenac sodium, 31, (2008) 155-167.
3. Khaled A. Khaled. Hatem A. Sarhan. Mohammed A. Ibrahim and Youssef W. Naguib, Controlled-release prednisolone poly(dl-lactide) Microspheres: impact of formulation parameters, characterization and release mechanism. *Bull. Pharm. Scin., assiut uni.*31 (1) 2008, 49-67
4. Sarhan H., Abd El-mohsen M., Khaled. K., Fetouh M. Influence of certain adsorbents on the in vitro availability of Lidocaine from suppository bases. *Bull. Pharm.Sci. Assuit Uni.* 22.II, Dec. 1999

Conferences

1. Sarhan H., Appel B., Eyrich D., Goepferich A., and Blunk T. EFFECTS OF

- INTERLEUKIN-4 ON GLYCOSAMINOGLYCAN CONTENT AND MATRIX METALLOPROTEINASE EXPRESSION IN ENGINEERED CARTILAGE. Biennial meeting of the European Tissue Engineering Society ETES P-73 (Lusanne, Swezerland), Oct. (2004)
2. Sarhan H., Appel B., Eyrich D., Goepferich A., and Blunk T. EFFECTS OF INTERLEUKIN-4 ON ENGINEERED CARTILAGE IN 3-D CELL CULTURE. International meeting on Pharmaceutics, Biopharmaceutical and Pharmaceutical Technology P-050 (Nuremberg, Germany) March, (2004).
 3. B. Appel, D. Eyrich, H. Sarhan, A. Goepferich, T. Blunk: Growth and differentiation factor-5 improves in vitro engineered cartilage. ETES Annual Meeting, München Germany (2005).
 4. Khaled A. Khaled, Hatem A. Sarhan, Mohamed A. Ibrahim and Youssef Naguib. Study of the effect of formulation parameters on the release of prednisolone from biodegradable microspheres. The pharmaceutical society of Egypt XXX conference of pharmaceutical sciences, Cairo, Egypt (Dec. 2006)
 5. B. Appel, A. Maschke, C. Guse, H. Sarhan, K. Kellner, T. Blunk, A. Goepferich: 3-D cartilage engineering culture as a test system for growth factor application devices. GZG Jahrestagung, Regensburg (2002).
 6. B. Appel, A. Maschke, C. Guse, H. Sarhan, K. Kellner, T. Blunk, A. Goepferich: Lipid matrices release bioactive insulin in a 3-D cartilage engineering culture. CRS Annual Meeting, Wien (2002)
 7. Sarhan H., Abd El-mohsen M., Khaled. K., Fetouh M. [investigation of Lidocaine/Heptakis (2,6-di-O-methyl)- β -cyclodextrin system 1 (studies of complex formation)], Al-Azhar intern conference for Pharmace Sciences., (Cairo) Dec. (1995)

Scientific Activities

Projects One of a responsible management team of the Quality Assurance Accreditation Project (QAAP) for the faculty of pharmacy, El-Menia University, El-Menia 61519, Egypt (March 2005-Current), project manager Prof. Mohamed S. Kamel (Project code MIN/3/02)

Postgraduate Students

Finished the supervision on three master theses.

Co-supervisor in three Master and one PhD theses

Experiences

Teaching to students of the master degree; i.e postgraduate courses including the different tools used in clinical pharmacy, drug delivery, drug targeting and controlled release

Teaching the pharmaceuticals courses including the clinical pharmacy, biopharmaceutics, microencapsulations, preformulations, Design and Evaluation of Ophthalmic Pharmaceutical Products and industrial pharmacy courses (Post and under-graduate courses)

Teaching the courses for the postgraduate students. In addition to this scientific activity, good sense to suggest research projects, writing, sponsoring and judging

Highly qualified in a more advanced and new project (tissue engineering) in the manufacturing of biodegradable polymer for tissue engineering, isolation and seeding of the cells on to these polymers, production of human-like organs from these polymer and the human cells, characterization of these organ using the following Equipments (Spectrophotometer, Spectrofolometer, and PCR) for the determination of DNA, cell number, , histology and immunohistology.

Preparation and characterization of emulsion, solid dispersions (X-ray, IR, DSC, Disselution, release interpretations)

Preparation and characterization of micro- and nanoparticles

Computer programs: got the **ICDL** certificate in April 2005

References

Prof. Achim Goepferich, Pharmaceutical technology Institute, University of Regensburg, Universitaetstrasse 31, 93053 Regensburg, Germany

Dr. Torsten Blunk, Pharmaceutical technology Institute, University of Regensburg, Universitaetstrasse 31, 93053 Regensburg, Germany

Prof. Khaled A. Kaled, Department of Pharmaceutical technology, Faculty of Pharmacy El-Menia University, El-Menia 61519, Egypt