Curriculum Vitae

Lecturer Dr Mohammed Hussain Neama

Mustansiriyah University – College of Pharmacy

PERSONAL SUMMARY:

- **Name:** Mohammed Hussain Neama
- **Gender:** Male
- **Address:** Baghdad/Iraq
- **Scientific Title:** Lecturer in Pharmaceutics
- **Email:** mohammedhussain@uomustansiriyah.edu.iq
  mh.alneama@gmail.com

- Experience in teaching students' different topics in pharmaceutics.
- Experience in pharmaceutical formulation and design of various pharmaceutical experiments related to drug solubility, dissolution, permeability and stability.
- Experience in pharmaceutical analysis and evaluation of different dosage forms using conventional and advanced analysis techniques such as Raman and ToF-SIMS instruments.
- Software skills (MS office, SPSS, Chembiodraw, Graphpad Prism, Ion-ToF software).
- Written and verbal English language communication skills.
- Ability to work either individually or with a team with a problem-solving attitude.
- Ready to face challenges with the ability to work under pressure and meet deadlines.

EDUCATION:

- PhD in Pharmaceutics (2017)/ School of Pharmacy/ The University of Nottingham/ UK.
- MSc in Pharmaceutics (2005)/ College of Pharmacy/ University of Baghdad/ Iraq.
- BSc Pharmacy (1998)/ College of Pharmacy/ University of Baghdad/ Iraq.

ACADEMIC /TEACHING EXPERIENCE:

- Assistant Lecturer at the Pharmaceutics Department/ College of Pharmacy/ Mustansiriyah University/ Baghdad/ Iraq, (2008- 2013).
- Lecturer at the Pharmaceutics Department/ College of pharmacy/ Mustansiriyah University/ Baghdad/ Iraq, (2013-present).
- Laboratory demonstrator at the School of Pharmacy/ University of Nottingham/ UK, 2017.

COURSES TAUGHT:

Undergraduate	Graduate
• Pharmaceutical calculations/ 1st stage • Pharmaceutical technology / 3rd stage • Biopharmaceutics/ 4th stage • Industrial pharmacy / 4th stage • Industrial pharmacy/ 5th stage • Dosage form design/ 5th stage	• Advanced drug delivery/ MSc students. • Advanced pharmaceutical Technology/ MSc • Selected topics • Special problems • English language/ MSc

PUPLICATIONS:

- *In vitro* bioequivalency tests as a surrogate of *in vivo* methods, 2005.
- Few factors affecting the buoyancy and release of theophylline from hydrodynamic balanced delivery system, 2011.
- Preparation and evaluation of orally disintegrating tablets of captopril, 2013.
- New insights regarding drug permeation into the skin, 2017.
- Insight into imiquimod skin permeation and increased delivery using microneedle pre-treatment, 2019.
- The complementary role of ToF-SIMS in the assessment of imiquimod permeated into the skin from a microemulsion dosage form, 2019.
- Exploring the Role of Regadenoson As an Ointment Dosage Form in Inducing Wound Healing in Mice, 2021.
- The Growing Role of Hydrogel Microneedles in Transdermal Drug Delivery, 2021.
- Levothyroxine sodium loaded dissolving microneedle arrays for transdermal delivery, 2022.
- Enhanced Transdermal Delivery of Acyclovir via Hydrogel Microneedle Arrays, 2023.

السيرة الذاتية

م.د. محمد حسين نعمة

كلية الصيدلة ـ الجامعة المستنصرية

الملخص الشخصي:

الاسم: محمد حسين نعمة
الجنس: ذكر
العنوان: بغداد/العراق
اللقب العلمي: مدرس دكتور في الصيدلانيات
البريد الالكتروني:
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الشهادات الدراسية:

1- دكتوراه صيدلانيات (2017)/ كلية الصيدلة/ جامعة نوتينكهام/ المملكة المتحدة.
2- ماجستير صيدلانيات (2005)/ كلية الصيدلة/ جامعة بغداد/ العراق.
3- بكالوريوس صيدلة (1998)/ كلية الصيدلة/ جامعة بغداد/ العراق.

الخبرة الاكاديمية/ التدريس:

1- مدرس مساعد في فرع الصيدلانيات/ كلية الصيدلة/ الجامعة المستنصرية (2008-2013).
2- مدرس في فرع الصيدلانيات/ كلية الصيدلة/ الجامعة المستنصرية (2013- ولحد الان).

المقررات الدراسية التي تم تدريسها:

الدراسات العليا	الدراسات الأولية
• صيدلة تكنولوجية متقدمة • انظمة توصيل الدواء المتقدمة • مواضيع مختارة • مشاكل بحثية خاصة • اللغة الانكليزية	• الصيدلة الصناعية • الصيدلة الحياتية • الصيدلة التكنولوجية • مبادىء الصيدلة والحسابات الصيدلانية • تصميم جرع دوائية

البحوث المنشورة:

- *In vitro* bioequivalency tests as a surrogate of *in vivo* methods, 2005.
- Few factors affecting the buoyancy and release of theophylline from hydrodynamic balanced delivery system, 2011.
- Preparation and evaluation of orally disintegrating tablets of captopril, 2013.
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