

Name: Naima Faghmous

Rank: Associate Professor, grade B

Department: Process Engineering

Email Address: naima.feghmous@enp-constantine.dz ; naimacollo79@yahoo.fr

Educational Profile:

- Doctorat Science in Process Engineering - Option: Pharmaceutical Engineering, Université Constantine 3, Algeria
- Engineer diploma in Pharmaceutical Process Engineering, Université de M'Hamed Bougara-Boumerdes, Algeria

Honors and Distinctions

Scientific Activities & Membership of Scientific Societies

- Member of scientific council of department.

Member of the Process Engineering Laboratory for Sustainable Development and Health Products, National Polytechnic School of Constantine.

Current Research Projects

Project : PRFU

Code : A16N01ES250120200001

Project title : Nano-encapsulation of active molecules - development and optimization of new processes

List of Journal Publications (starting with most recent one)

N. Faghmous, D. Bouzid, M. Boumaza, A. Touati, O. Boyron: Optimization of chitosan-coated W/O/W multiple emulsion stabilized with Span 80 and Tween 80 using Box–Behnken design. Journal of Dispersion Science and Technology, 42 (10), 1566-1578, 2021

A. Derbali, I. Behlloul, **N. Faghmous**, D. Bouzid: Nanoencapsulation of insulin by alginate/chitosane matrix by ionotropic pre-gelation technique. Journal of New Technology and Materials, 08(03) : 93-96, 2019

List of Conference Papers (starting with most recent one)

N. Faghmous, D. Bouzid (2022): Optimization of synthesized nanoparticles coated with PEG4000 using Box-Behnken design for oral insulin delivery. International Congress of Energies and Engineering, of Industrial Process,(CEGPI22).

USTHB, Algérie.

N. Faghmous, D. Bouzid (2019): Encapsulation of insulin with alginate and chitosan entrapment matrix using emulsification/internal gelation technique. International Congress of Energies and Engineering, of Industrial Process,(IWPM'2019) Sétif, Algérie.

N. Faghmous, D. Bouzid (2018): Improvement of peptidic drug oral availability through encapsulation design in polyelectrolyte complexes. Journée scientifique,(CEGPI22). USTHB, Algérie. Sur les sciences et l'engineering, JSSE'18, ENPC.

N. Faghmous, D. Bouzid (2017): Optimization and characterization of insulin microspheres, (3JJC). 3^{ème} Journée de jeune chercheur. Université de Constantine 3, Algérie.

N. Faghmous, D. Bouzid (2016): Optimization and characterization of insulin microspheres, (2JJC). 2^{ème} Journée de jeune chercheur. Université de Constantine 3, Algérie.

N. Faghmous, D. Bouzid (2015): Vers une nouvelle formule de l'insuline par voie orale: Encapsulation de l'insuline dans des vecteurs polymériques, (1JJC). 1^{ère} Journée de jeune chercheur. Université de Constantine 3, Algérie.

N. Faghmous, O. Benaziz (2013): Towards a new formulation of insulin: development of nanoparticles of insulin orally. International Congress of Pharmaceutical Engineering, (Seha 2013). USTHB, Algérie.

N. Faghmous, O. Benaziz (2013): Optimization of synthesized nanoparticles coated with PEG4000 using Box-Behnken design for oral insulin delivery. International Congress of Energies and Engineering, of Industrial Process. Boumerdes, Algérie.

List of Current Research Student Supervision