



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE ____ 6457

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at Dipartimento di _ Food, Nutrition and Environmental Sciences

Scientist- in - charge: _____ Prof. Elena Sara Crotti _____

[Hentati Dorra]

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Dorra
Name	Hentati

PRESENT OCCUPATION

Appointment	Structure

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Dual Degree Ph.D (Join Ph.D supervision)	Biological Sciences Speciality: Biotechnology and Microbiology	University of Sfax-TUNISIA	December 2018
		University of Montpellier-FRANCE	
Master	Microbial Biotechnology	Faculty of Sciences, University of Sfax-TUNISIA	December 2013
Bachelor	Natural Sciences and Applications	Faculty of Sciences, University of Sfax-TUNISIA	June 2011

REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City



FOREIGN LANGUAGES

Languages	level of knowledge
English	Proficient
French	Fluent
Arabic	Native

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award

TRAINING OR RESEARCH ACTIVITY

<p>description of activity: <u>Postdoctoral Research Associate</u> Joint R&D Project: Partners: Bahrain Petroleum Company (Bapco) & Arabian Gulf University (AGU). Date: From January 2020 to June 2023 Place: Environmental Biotechnology Program, Department of Life Sciences, Arabian Gulf University, Manama-BAHRAIN. Subject: Biological treatments of Refining Oily Sludge.</p> <p><u>Training:</u> Ph.D. Internship at the Faculty of Pharmacy, Microbiology Unit, University of Barcelona, Spain (June-July 2016)</p>
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PROJECT ACTIVITY

Year	Project

PATENTS

Patent

CONGRESSES AND SEMINARS

Date	Title	Place
June 2022	Biotreatment of Refining Oily Sludge by Bacterial Consortia.	Arabian Gulf University, BAHRAIN
May 2021	Optimization of Bioprocess Conditions for Bioremediation	Arabian Gulf University, BAHRAIN



	and Valorization of Refin-ing Waste Oily Sludge.	
Mars 2018	Production and characterization of lichenysin biosurfactants from a marine <i>Bacillus licheniformis</i> strain PYR2	The 29 th International Forum of the Tunisian Association of Biological Sciences (ATSB), Sousse-TUNISIA
Mars 2017	Production and characterization of lipopeptides produced by a novel marine hydrocarbonoclastic strain FLU5 of <i>Bacillus stratosphericus</i>	The 28 th International Forum of the Tunisian Association of Biological Sciences (ATSB), Hammamet-TUNISIA
Mars 2016	Biodegradation of naphthalene and production of biosurfactant by a <i>Pseudomonas aeruginosa</i> NAPH6 isolated from the Sfax fishing harbor	The 27 th International Forum of the Tunisian Association of Biological Sciences (ATSB), Hammamet-TUNISIA

PUBLICATIONS

Books
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]
[title, place, publishing house, year ...]

Articles in reviews
Dorra Hentati , Ahmed R. Ramadan, Raed M. M. Abed, Nasser Abotalib, Ashraf M. El Nayal, Ijaz Ashraf & Wael Ismail. Functional and Structural Responses of a Halophilic Consortium to Oily Sludge during Biodegradation. <i>Applied Microbiology and Biotechnology</i> (2024). 108:116. DOI : 10.1007/s00253-023-12896-4
Dorra Hentati , Raed M. M. Abed, Nasser Abotalib, Ashraf M. El Nayal, Ijaz Ashraf & Wael Ismail. Biotreatment of Oily Sludge by a Bacterial Consortium: Effect of Bioprocess Conditions on Biodegradation Efficiency and Bacterial Community Structure. <i>Journal of Frontiers in Microbiology</i> (2022). 13:998076. DOI: 10.3389/fmicb.2022.998076
Dorra Hentati , Meriam Cheffi, Fatma Hadrich, Neila Makhoulfi, Francesc Rabanal, Angeles Manresa, Sami Sayadi & Mohamed Chamkha. Investigation of halotolerant marine <i>Staphylococcus</i> sp. CO100, as a promising hydrocarbon-degrading and biosurfactant-producing bacterium, under saline conditions. <i>Journal of Environmental Management</i> (2021). 277:111480. DOI: 10.1016/j.jenvman.2020.111480
Dorra Hentati , Alif Chebbi, Asma Mahmoudi, Fatma Hadrich, Meriam Cheffi, Ilhem Frikha, Sami Sayadi & Mohamed Chamkha. Biodegradation of hydrocarbons and biosurfactants production by a newly halotolerant <i>Pseudomonas</i> sp. strain isolated from contaminated seawater. <i>Biochemical Engineering Journal</i> (2021). 166:107861. DOI: 10.1016/j.bej.2020.107861
Dorra Hentati , Alif Chebbi, Fatma Hadrich, Ilhem Frikha, Francesc Rabanal, Sami Sayadi, Angeles Manresa & Mohamed Chamkha. Production and characterization of lipopeptide biosurfactants from a novel marine <i>Bacillus stratosphericus</i> strain FLU5. <i>Ecotoxicology and Environmental Safety</i> (2019). 167:441-449. DOI: 10.1016/j.ecoenv.2018.10.036
Dorra Hentati , Alif Chebbi, Fatma Hadrich, Ilhem Frikha, Francesc Rabanal, Sami Sayadi, Angeles Manresa & Mohamed Chamkha. Biodegradation of fluoranthene by a newly isolated strain of <i>Bacillus stratosphericus</i> from Mediterranean seawater of the Sfax fishing harbour, Tunisia. <i>Environmental Sciences and Pollution Research</i> (2016). 23:15088-15100. DOI: 10.1007/s11356-016-6648-7



Abdul Salam Abdul Raheem, Dorra Hentati , Dawoud Bahzad & Wael Ismail El Moslimany. Biocatalytic upgrading of unconventional crude oil using oilfield-inhabiting bacterial consortia. <i>International Biodeterioration and Biodegradation</i> (2022). 174:105468. DOI: 10.1016/j.ibiod.2022.105468
Meriam Cheffi, Dorra Hentati , Alif Chebbi, Najla Mhiri, Sami Sayadi, Ana Maria Marques & Mohamed Chamkha. Isolation and characterization of a newly naphthalene-degrading <i>Halomonas pacifica</i> , strain Cnaph3: biodegradation and biosurfactant production studies. <i>3 Biotech</i> (2020). 10: 89. DOI: 10.1007/s13205-020-2085-x
Alif Chebbi, Dorra Hentati , Meriam Cheffi, Rihab Bouabdallah, Cyrine Choura, Sami Sayadi & Mohamed Chamkha. Promising abilities of mercapto-degrading <i>Staphylococcus capitis</i> strain SH6 in both crude oil and waste motor oil as sole carbon and energy sources: its biosurfactant production and preliminary characterization. <i>Journal of Chemical Technology and Biotechnology</i> (2018). 93:1401-1412. DOI: 10.1002/jctb.5508
Alif Chebbi, Dorra Hentati , Hatem Zaghden, Nidhal Baccar, Fatma Rezgui, Manel Chalbi, Sami Sayadi & Mohamed Chamkha. Polycyclic aromatic hydrocarbon degradation and biosurfactant production by a newly isolated <i>Pseudomonas</i> sp. strain from used motor oil-contaminated soil. <i>International Biodeterioration and Biodegradation</i> (2017). 122:128-140. DOI: 10.1016/j.ibiod.2017.05.006
And others: DOI: 10.1016/j.marpolbul.2022.114350; DOI: 10.1016/j.bioorg.2021.104724 ; DOI: 10.1016/j.ecoenv.2018.02.032; DOI: 10.1007/s11356-016-6526-3

Congress proceedings
[title, structure, place, year]
[title, structure, place, year]
[title, structure, place, year]

OTHER INFORMATION

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

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Place and date: ____Tunisia____, ____March, 1st 2024_