**Curriculum Vitae**

**Dr. Nehdi Imededdine Arbi Nehdi**

**Associate Professor**

**Chemistry Department, Science College, King Saud University**

**&**

**Preparatory Institute for El Manar engineering studies/El Manar Tunis University**

**CIVIL STATUS**

Name: NEHDI

Surname: Imededdine

Date and place of birth: 27/07/1965 /Tunis

Address: Chemistry Department,Science College, King Saud University, Saudia Arabia

P.O 2455, Riyadh 11451

Telephone: 00966501889497/ Box: 00966114697118

Fax: 00966114675992

Email: [inahdi@ksu.edu.sa](mailto:inahdi@ksu.edu.sa)

[Imed12002@gmail.com](mailto:Imed12002@gmail.com)

**Author index :**

**-h- index : 11 (Scopus)**

**- i10-index: 12 (Google Scholar)**

**Education**

**Habilitation (HDR) in Chemistry,** University of Gafsa, Tunisia, Jun 2013.

**Ph.D. in Chemistry**, Department of Chemistry, Faculty of Science of Tunisia, University Tunis El Manar, Tunisia/ University Paris 12, January 2004.

Dissertation: Nano and microcrystalline magnetic components: elaboration and characterization of Sm2-xRxFe 17-yTyC2 (R = Nd, Dy and T = Cr, Co, Zr)”

**Master in Analytical Chemistry**, Department of Chemistry, Faculty of Science of Tunisia, University Tunis El Manar, Tunisia, December 1999.

**Engineer Diploma in Industrial Chemistry**, Polytechnic Institute, College of Technological Chemistry, Jun 1993.

**Teaching Experience**

**Associate Professor** (2009 – current)

Department of Chemistry, Science College, King Saud University

Courses: Chem 121: Chemistry of principals groups, Chem 103 and Chem 101: General Chemistry

**Assistant Professor** ( 2005 – 2009)

Department of Chemistry, Faculty of Science, , University of Gafsa, Tunisia

Courses: Chemical Thermodynamics, Unit operations in chemical engineering, Mineral industrial chemistry

**Teaching Assistant** (2004-2005)/99; Department of Chemistry, Faculty of Science, University of Bizerte, Tunisia

Course: General chemistry

**Teaching Assistant** (2000-2001);

Department of Chemistry, Preparatory Institute of engineering study of Nabeul, Tunisia

Course: General chemistry

**Research Experience**

**Assistant Researcher** (2001-2005)

National Institute of Research and Physico- chemical Analysis, Sidi Thabet, Tunisia

Research Theme: Characterization and valorization of new seed oils

**Engineer Researcher** (1994 – 2000)

Abdelmoula Firm, Oil Refinery (Tunisia)

Research Theme: Refining and Hydrogenation of vegetables oils

**Principal Investigator**

Project Title: New seed oils for biodiesel production

Budget: 871 thousand Saudi Riyals

Project financed by King Abdulaziz City for Science and Technology

Duration: one year, 2013

**Principal Investigator**

Project Title: ``Production and Characterization of Carotenoid Nanodispersions for Food Applications``Budget: 2000 thousand Saudi Riyals

Project financed by King Abdulaziz City for Science and Technology

Duration: two years, 2013-2014

**Field of Expertise**

* Fats and oils: Chemistry, Analysis, Technology, Applications
* Material synthesis

**Publications**

***A. Book Chapters***

1) Chin-Ping Tan, **Imededdine Arbi Nehdi**, **2012**. Chapter 13: *The physicochemical Properties of Palm Oil and Its Components.*  In the book titled : Palm oil : Production, Processing, Uses, and Characterization. Edited by Oi-Ming Lai, Chin-Ping Tan, and Casimir C. Akoh, AOCS Press, Urbana, Illinois, USA, (ISBN 978-0-9818936-9-3

2) Chin-Ping, **Imededdine Arbi Nehdi**, **2015**. Chapter : *DSC analysis of vegetable oils: relationship between thermal profiles and chemical composition.* In the book titled : Differential Scanning Calorimetry: Applications in Fat and Oil Technology. Edited by Emma Chiavaro, CRC PRESS, BOCA RATON, USA.

3) Umer Rachid**, Imededdine Arbi Nehdi, 2015**. Chapter : Mesoporous catalysts for

biodiesel production: A new approach. In the book titled : Clean Energy for Sustainable Development: Comparisons and Contrasts of New

Approaches. Elsevier, UK

***B.* ISI Papers (43)**

1. Shariffa, Y.N., Tan,T.B., Abas, F., Mirhosseini, H., **Nehdi, I.A**., Tan, C.P. **2016**, *Producing a lycopene nanodispersion: The effects of emulsifiers*. Food and Bioproducts Processing, 8, 210–216 (Impact Factor: 2.474).
2. Rashid, U., Al-Resayes, S.I., Nehdi, I.A., 2017. Sulfonated mesoporous zinc aluminate catalyst for biodiesel production from high fatty acid feedstock using microwave heating system. Journal of the Taiwan Institute of Chemical Engineers, in Press
3. Soltani, S., Rashid, U., Al-Resayes, S.I., **Nehdi, I.A**., **2016**. Recent progress in synthesis and surface functionalization of mesoporous acidic heterogeneous catalysts for esterification of free fatty acid feedstocks: A review. Energy Conversion and Management (In Press)
4. Gill, S.S., Mehmood, M.A., Ahmad, N., Ibrahim, M., Rashid, U., Ali, S., **Nehdi, I. A.,** **2016**. Strain selection, growth productivity and biomass characterization of novel microalgae isolated from fresh and wastewaters of upper Punjab, Pakistan. Frontiers in Life Science, 9, 190-200.
5. Tan, T.B., Yussof, N.S., Abas, F., Mirhosseini, H., **Nehdi, I.A.,** Tan, C.P. Stability evaluation of lutein nanodispersions prepared via solvent displacement method: The effect of emulsifiers with different stabilizing mechanisms (**2016**) Food Chemistry, 205, pp. 155-162. (Impact Factor: 3.391; ISI Q1 Journal)
6. Tan, T.B., Yussof, N.S., Abas, F., Mirhosseini, H., **Nehdi, I.A**., Tan, C.P. Comparing the formation of lutein nanodispersion prepared by using solvent displacement method and high-pressure valve homogenization: Effects of formulation parameters (**2016**) Journal of Food Engineering, 177, pp. 65-71. (Impact Factor: 2.771; ISI Q1 Journal)
7. Tan, T.B., Yussof, N.S., Abas, F., Mirhosseini, H., **Nehdi, I.A**., Tan, C.P. Forming a lutein nanodispersion via solvent displacement method: The effects of processing parameters and emulsifiers with different stabilizing mechanisms (**2016**) Food Chemistry, 194, pp. 416-423. (Impact Factor: 3.391; ISI Q1 Journal)
8. Tan, T.B., Chu, W.C., Yussof, N.S., Abas, F., Mirhosseini, H., Cheah Y.K., **Nehdi, I.A**., Tan, C.P., Physicochemical, morphological and cellular uptake properties of lutein nanodispersions prepared by using surfactants with different stabilizing mechanisms (**2016**) Food & Function, 7, 2043-2051. (Impact Factor: 1.791; ISI Q1 Journal)
9. **Nehdi, I.A**., Sbihi, H.M., Tan, C.P., Al-Resayes, S.I. Seed oil from Harmal (Rhazya stricta Decne) grown in Riyadh (Saudi Arabia): A potential source of δ-tocopherol (**2016**) Journal of Saudi Chemical Society, 20 (1), pp. 107-113. (Impact Factor: 2.523; ISI Q2 Journal)
10. Chan, S.W., Mirhosseini, H., Taip, F.S., Ling, T.C., **Nehdi, I.A**., Tan, C.P. Emulsion formulation optimization and characterization of spray-dried κ-carrageenan microparticles for the encapsulation of CoQ10 (**2016**) Food Science and Biotechnology, 25, pp. 53-62. (Impact Factor: 0.653; ISI Q4 Journal)
11. Ng, S.K., Nyam, K.L., **Nehdi, I.A**., Chong, G.H., Lai, O.M., Tan, C.P. Impact of stirring speed on β-lactoglobulin fibril formation (**2016**) Food Science and Biotechnology, 25, pp. 15-21. (Impact Factor: 0.653; ISI Q4 Journal)
12. Umer Rashid, Muhammad Ibrahim, **Imededdine Arbi Nehdi**, Saud Ibrahim Al Resayes, Sammi Ullah, Muhammad Aamer Mehmood, Saira Shahzadi, **2016**. Synthesis and Characterization of Poppy Seed Oil Methyl Esters. Chinese Journal of Chemical Engineering, 24, 1087-1096 (Impact Factor: 1.098).
13. A.M. Syam, U. Rashid,, R. Yunus, H.A. Hamid, S.I. Al-Resayes, **I.A. Nehdi** , A.H. Al-Muhtaseb, **2016**. Conversion of *Oleum Papaveris* *Seminis* oil into methyl esters via esterification process: Optimization and kinetic study. *Grasas y Aceites* , 67, 1-9. (Impact Factor: 0.882).
14. **Imededdine Arbi Nehdi**, Hassen Mohamed Sbihi, Sadok Mokbli, Umer Rashid, Saud Ibrahim Al-Resayes, Yucca aloifolia Oil Methyl Esters, **2015**. Industrial Crops and Products 69, 257–262 (Impact Factor: 2.469).
15. **Imededdine Arbi Nehdi**, Hassen Mohamed Sbihi, Chin Ping Tan, Saud Ibrahim Al Resayes, **2015**. Characteristics and fatty acid composition of milk fat from Saudi Aradi goat. Grasas y Aceites, 66, 4, (Impact Factor: 0.882).
16. Hassen Mohamed Sbihi, **Imededdine Arbi Nehdi**, Lahssen El Blidi, Umer Rashid,Saud Ibrahim Al-Resayes, Lipase/enzyme catalyzed biodiesel production from *Prunus mahaleb*: A comparative study with base catalyzed biodiesel production, **2015**. Industrial Crops and Products 76, 1049–1054 (Impact Factor: 2.469).
17. Hassen Mohamed Sbihi, Sadok Mokbli, **Imededdine Arbi Nehdi**, Saud Ibrahim Al-Resayes**, 2015.** Physico-chemical properties of *Tecoma stans Linn*. seed oil: a new crop for vegetable oil. Natural Product Research, 29, 1249–1255. (Impact Factor: 0.919).
18. Anarjan N, Jafarizadeh-Malmiri H, **Nehdi IA**, Sbihi HM,Al-Resayes SI, Tan CP, **2015**. Effects of homogenization process parameters on physicochemical properties of astaxanthin nanodispersions prepared using a solvent-diffusion technique. International Journal of Nanomedicine, 10, 1–10
19. **Imededdine Arbi Nehdi**, Sadok Mokbli, Hassen Sbihi, Chin Ping Tan, and Saud Ibrahim Al-Resayes. **2014**. Chamaerops humilis L. var. argentea Andre Date Palm Seed Oil: A Potential Dietetic Plant Product, Journal of Food Science, 79, C534-C539, (Impact Factor: 1.775).
20. **Imededdine Arbi Nehdi** , Hassen Mohamed Sbihi, Saud Ibrahim Al-Resayes. **2014**. *Rhazya stricta Decne* seed oil as an alternative, non-conventional feedstock for biodiesel production. Energy Conversion and Management. 81, 400–406 (Impact factor: 2.775)
21. **Imededdine Arbi Nehdi**, Hassen Sbihi, Chin Ping Tan, Saud Ibrahim Al-Resayes, **2014**. *Leuceana Leucocephala* seed oil: Characterisation and uses. Industrial crops and Products, 52, 582-587 (Impact Factor: 2.469).
22. Hassen Mohamed Sbihi, **Imededdine Arbi Nehdi**, Chin Ping Tan, Saud Ibrahim Al-Resayes **2014**. Production and characterization of biodiesel from *Camelus dromedarius* (Hachi) fat. Energy Conversion and Management, 78, 50-57 (Impact Factor, 2.775)
23. Anarjan, Navideh; **Nehdi, Imededdine Arbi**; Sbihi, Hassen Mohamed; Saud Ibrahim Al-Resayes, Hoda Jafarizadeh Malmir, Chin Ping Tan, **2014**. [Preparation of Astaxanthin Nanodispersions Using Gelatin-Based Stabilizer Systems.](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=OneClickSearch&qid=3&SID=2EDpPrXDGug84kf4awL&page=1&doc=1&cacheurlFromRightClick=no) Molecules, 19, 14257-14265
24. Hassen Mohamed Sbihi, **Imededdine Arbi Nehdi**, Chin Ping Tan, Saud Ibrahim Al-Resayes **2014**. Characterization of white mahlab (*Prunus mahaleb*) seed oil: a rich source of α-eleostearic acid. Journal of Food Science,79 Issue: 5, C795-C801 (Impact factor : 1.775).
25. Hassen Sbihi, **Imededdine Arbi Nehdi**, Saud Ibrahim Al-Resayes, **2013**. Characterization of Hachi (Camelus dromedarius) fat extracted from the hump. Food Chemistry, 139, 649–654 (Impact factor :3.655)
26. **Imededdine Arbi Nehdi** , Hassen Sbihi, Chin Ping Tan, Saud Ibrahim Al-Resayes, **2013**. Evaluation and characterization of *Citrullus colocynthis* (L.) Schrad seed oil: Comparison with *Helianthus annuus* seed oil. Food Chemistry, 136, 348–353 (Impact factor :3.655)
27. **Imededdine Arbi Nehdi**, **2013**. *Cupressus sempervirens* var. *horizentalis* seed oil: Chemical composition, physicochemical characteristics, and utilizations. Industrial Crops and Products, 41, 381-385 (Impact Factor : 2.469).
28. Hassen Mohamed Sbihi, **Imededdine Arbi Nehdi**, Chin Ping Tan, Saud Ibrahim Al-Resayes, **2013**. Bitter and sweet lupin (*Lupinus albus* L.) seeds and seed oils: A comparison study of their compositions and physicochemical properties. Industrial Crops and Products 49, 573– 579, Impact Factor: 2.469
29. Navideh Anarjan, **Imededdine Arbi Nehdi**, Chin Ping Tan, **2013**. Influence of astaxanthin, emulsifier and organic phase concentration on physicochemical properties of astaxanthin nanodispersions. Chemistry Central Journal, 7, 127-137. (Impact factor : 1.31).
30. Navideh Anarjan, **Imededdine Arbi Nehdi**, Chin Ping Tan. **2013**. Protection of Astaxanthin in Astaxanthin Nanodispersions Using Additional Antioxidants. Molecules, 18, 7699-7710 (Impact factor, 2.428).
31. Masni Mat Yusoff, Chin Ping Tan, Yaakob Bin Che Man, Mat Sahri Miskandar, Sivaruby Kanagaratnam **Imededdine Arbi Nehdi**, **2013**. Development of coconut- and palm-based fat blend for cookie filler. Journal of the American Oil Chemists' Society, 90:91–101 (Impact Factor: 1.775)
32. **Imededdine Arbi Nehdi**, Hassen Sbihi, Chin Ping Tan, Saud Ibrahim Al-Resayes**. 2012**. Garden cress (*Lepidium sativum Linn*.) seed oil as a potential as a potential feedstock for biodiesel. Bioresource Technology,126, 193-197 (Impact Factor: 4.98).
33. Musfirah Zulkurnain, Oi Ming La, Razam Abdul Latip, **Imededdine Arbi Nehdi**, Tau Chuan Ling, Chin Ping Tan. **2012**. The effects of physical refining on the formation of 3-monochloropropane-1,2-diol esters in relation to palm oil minor components. Food Chemistry 135, 799–805 (Impact factor :3.655)
34. Navideh Anarjan, Chin Ping Tan, **Imededdine Arbi Nehdi**, Tau Chuan Ling, **2012**. Colloidal astaxanthin: Preparation, characterisation and bioavailability evaluation, Food Chemistry 135, 1303–1309
35. **Nehdi, I**., Sbihi, S., Tan, C.P., Zarrouk,H., KhalilM. I., Al-Resayes, S.I., **2012**. Characteristics, composition and thermal stability of *Acacia senegal* (L.) Willd. seed oil. .*Industrial Crops and Products,* 36, 54– 58 (Impact Factor : 2.469).
36. Navideh Anarjan, Chin Ping Tan,Tau Chuan Ling, Kwan Liang Lye, Hoda Jafarizadeh Malmiri, **Imededdine Arbi Nehdi**, Yoke Kqueen Cheah, Hamed Mirhosseini, Badlishah Sham Baharin, **2011**. Effect of Organic-Phase Solvents on Physicochemical Properties and Cellular Uptake of Astaxanthin Nanodispersions, J. Agric. Food Chem. 59, 8733–8741
37. **)Nehdi, I**., Zarrouk, H., El resayes, S., **2011**. Changes in chemical composition of *Phoenix canariensis* Hort. Ex Chabaud palm seed oil during the ripening process. *Scientia Horticulturae*. 129, 724-729 (Impact factor : 1.527).
38. **Nehdi, I**., **2011.** Characteristics and composition of *Washingtonia filifera* (Linden ex André) H. Wendl. seed and seed oil. *Food Chemistry*, 126, 197–202 (Impact factor : 3.655)
39. **Nehdi, I**., **2011**. Characteristics, chemical composition and utilisation of *Albizia julibrissin* seed oil. *Industrial Crops and Products*, 33, 30-34 (Impact Factor : 2.469).
40. **Nehdi, I**., Omri, S., Khalil, M., El resayes, S. I., **2010**. Characteristics and chemical composition of date palm (*Phoenix canariensis*) seeds and seed oil .*Industrial Crops and Products****.*** 32, 360-365 (Impact Factor : 2.469).
41. Fatnassi, S., **Nehdi, I**., Zarrouk, H., **2009**. ’Chemical composition and profile characteristics of Osage orange *Maclura pomifera* (Rafin.) Schneider seed and seed oil. *Industrial Crops and Products 29, 1-8* (Impact Factor : 2.469).
42. **I. Nehdi**, L. Bessais, C. Djega-Mariadassou, M. Abdellaoui, H. Zarrouk, **2003**. Structural and magnetic properties of Sm2Fe17-xCrxC2 nanocrystalline *carbides*. Journal of Alloys and Compounds 360, 14–20 (Impact Factor: 2.289).
43. **I. Nehdi**, L. Bessais, C. Djega-Mariadassou, M. Abdellaoui, H. Zarrouk, **2003**. X -ray and Mossbauer studies of Sm2Fe17-xCrx materials synthesized by mechanical alloying followed by an appropriate short annealing. Journal of Alloys and Compounds 351, 24–30 (Impact Factor: 2.289).

***No* ISI Papers**

1. Fatnassi, S., Chatti, S., **Nehdi, I.**., Zarrouk, H., **2010**. Chemical composition, Phenolic profile and antioxidant activity of maclura pomifera (Rafin.) Schneider seeds oil. Acta Horticulturae, 853, 383-390
2. **I. Nehdi** , M. Abdellaoui , C. Djega-Mariadassou , H. Zarrouk, **2007.** Stuctural and magnetic properties of Sm2Fe 17-x Cox polycrystalline compounds with 0 ≤ x ≤ 3. Journal de la Société Chimique de Tunisie, *9*, 157-162.
3. **I. Nehdi,** M. Abdellaoui, C .Djega- Mariadassou, L.Bessais et H. Zarrouk, **2003.** Structural and Magnetic properties of Smx(Fe, Zr)100-x, *Physicals and Chemicals News, 13, 21-25.*

**Presentations (Conferences)**

1. **Imededdine Arbi Nehdi**, Hassen Mohamed Sbihi, Saud Ibrahim Al-Resayes, Chin Ping Tan**, 2015**. Rhazya stricta Decne seed oil : a potential source of bioactive compounds. Pharma-Nutrition 2015. 13 - 15 April 2015, Philadelphia, USA
2. **Imededdine Arbi Nehdi** , Hassen Mohamed Sbihi, Saud Ibrahim Al-Resayes, 2015. International Conference on Composite Materials & Renewable Energy (ICCMREA' 2015), 23-24 /March /2015, Rome, Italy.
3. **Imededdine Arbi Nehdi** , Hassen Sbihi, Chin Ping Tan, Saud Ibrahim Al-Resayes, 2014. Evaluation and characterization of Rhazya Stricta Decne seed oil. 29th International Horticultural Congress. 2014, 17-22 August, Brisbane, Australia.
4. **Imededdine Arbi Nehdi** , Hassen Sbihi, Chin Ping Tan, Saud Ibrahim Al-Resayes, **2013**. Evaluation and characterization of Citrullus colocynthis (L.) Schrad seed oil: Comparison with Helianthus annuus seed oil. Pharma-Nutrition 2ND International Conference 2013, 15-17 April 2013, Singapore.
5. **Imededdine Arbi Nehdi**, 2012. Characteristics, chemical composition and utilisation of Albizia julibrissin seed oil. 2012 Hong Kong International Forum on Plastic and Cosmetic Medecine., China, January 13-14, 2012, Hong Kong
6. **Imededdine Arbi Nehdi**, Hasen Mohamed Sbihi, Chin Ping Tan, **2012**. Characteristics, chemical composition and thermal stability of *Acacia senegal* (L.) Willd. seed oil. 103rd AOCS Annual Meeting & Expo. Long Beach, California, USA. April 29 May 2, 2012.
7. Hassen Sbihi**, Imededdine Arbi Nehdi,** Chin Ping Tan, **2012**. Preparation and characterization of biodiesel from kamel (HACHI) fat. 103rd AOCS Annual Meeting & Expo. Long Beach, California, USA. April 29 May 2, 2012.
8. **Imededdin Arbi Nehdi, 2011.** Characteristics, chemical composition and utilisation of Albizia julibrissin seed oil. Fourth International Chemistry Conference. King Saud University, Riyadh, Saudia Arabia. November 19-2, 2011.
9. **Nehdi Imededdine**, Saud I. El Resayes, Hedi Zarrouk, **2010**. A study on the lipid fraction extracted from Phoenix canariensis date seeds during ripening process``, Fourth saudi science conference, Taibah university, Al Madinah Al Mounawarah, 21-24/03/2010
10. **I. Nehdi**, H. Zarrouk, **2008**. A study of the lipid fraction extracted from Phoenix canariensis date seeds during the ripening. *15éme Journées nationales de chimie, Organisé par la Société Chimique de Tunisie, Yasmine Hammamet, 21 - 24 Décembre 2008*
11. S. Fatnassi, **I. Nehdi**, H. Zarrouk, **2008**. Chemical composition and profile characteristics of Osage orange *Maclura pomifera* (Rafin.) Schneider seed and seed oil. *15éme Journées nationales de chimie, Organisé par la Société Chimique de Tunisie, Yasmine Hammamet, 21 - 24 Décembre 2008.*
12. **I. Nehdi**, M. Abdellaoui et H. Zarrouk, **2004**. Structural and magnetic Characterisation of Sm2Fe17- xCox (0 ≤ x ≤ 3) polycrystalline compounds. *1éres Journées de Chimie de Solide –* *JCS 2004, Monastir, 14– 16 mars 2004.*
13. **I. Nehdi**, M. Abdellaoui et H. Zarrouk, **2004**. Structural and magnetic Characterisation of Sm2Fe17- xCrx (0 ≤ x ≤ 3) nanocristalline Compounds. *1éres Journées de Chimie de Solide – JCS 2004. Monastir, 14– 16 mars 2004.*
14. **I. Nehdi**, M. Abdellaoui et H. Zarrouk, **2002**. Sm excess and thermal treatments on the microstructure and magnetic properties of the Smx(Fe,Zr)100-x.  *7éme Journées Maghrébines de physique – JMSM 2002 , Bizerte, 25 – 27 mars 2002.*
15. **I. Nehdi**, M. Abdellaoui et H. Zarrouk, **2002**. Sm excess and thermal treatments on the structural and microstructure properties of the SmxFe100-x compounds. *7éme Journées Maghrébines de Physique – JMSM 2002 , Bizerte, 25 – 27 mars 2002*
16. **I. Nehdi**, M. Abdellaoui et H. Zarrouk, **2001**. Physical and chemical characterisation of arc-melted Sm-Fe-N nitrides. *11éme Journées nationales de Chimie, Organisé par la Société Tunisienne de* *Chimie, Hammamet, 4 - 7 novembre 2001.*

**Journal Review Activities**

1. Industrial Crops and Products (ISSN: 0926-6690) Netherlands
2. Food chemistry (ISSN: 0308-8146 ) England
3. Plos One ( ISSN: 1478-6419) USA
4. Acta Alimentaria ( ISSN: 1588-2535) Hungary
5. Food Reviews International (ISSN 8755-9129) USA
6. Grasas Y Aceites (ISSN 0017-3495) Espagne

**Grants Received:**

* **PI** in Project 11-ENE 2115-02, titled "*New seed oils for biodiesel production*".

Budget: 871 milles Saudi Riyals, Funded King Abdulaziz City for Science and Technology (KACST). 2013-2014.

* **PI** in project 12-AGR 2494-02, titled "*Production and Characterization of Carotenoid Nanodispersions for Food Applications*".

Budget : 2 millions Saudi Riyals , Funded King Abdulaziz City for Science and Technology (KACST). 2014-2016.

* **PI** in projet RGP-VPP- 048, titled “*New seed oils: Valorization and Characterization*”

Budget 450 Thousands Saudi Riyals Funded by the Deanship of Scientific Research at King Saud University, 2012-2013, 2013-2014, 2014-2015

* **CoI in** projet titled “New seed oils: Valorization and Characterization” (research group project No: RGP-VPP- 243). Budget 150 Thousands Saudi Riyals Funded by the Deanship of Scientific Research at King Saud University, 2014-2015.
* **PI in** projet م ص 35-284 titled “Synthesis and Characterization of Carbon Based Catalyst from Industrial Organic Waste for Biodiesel Production”. Budget 125 Thousands Saudi Riyals Funded by the Deanship of Scientific Research at King Saud University, 2015-2016.
* **PI** in projet projet م ص 36-21 titled “Synthesis of Mesoporous Catalysts via Microwave-Hydrothermal Technique for Transesterification Reaction”. Budget 130 Thousands Saudi Riyals Funded by the Deanship of Scientific Research at King Saud University, 2015-2016

**List of Post Graduate Students Produced as Supervisor**

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| --- | --- | --- | --- |
| 1 | 2011 | PhD | Saloua Fatnassi, Al Manar Tunis , University (Tunisia)  `` Characterization, identification, purification and valorisation of plant extracts of Maclura pomifera (Rafin.) Scheneider) |
| 2 | 2016 | PhD | Nabil Ahmed Zakri, King Saud University (Saudi Arabia)  `` Synthesis of Biodiesel from new seed oils`` |