Dr Mohammad KOUSARA

Date of birth 1984/01/01
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Education

- **2011-2016** : PhD in Therapeutic Chemistry, Faculty of Pharmacy, University Paris Sud 11 / France
- **2010-2011** : Master 2: Research and Development in Synthesis, Pharmaceutical Chemistry and Natural Products, Faculty of Pharmacy, University Paris Sud 11 / France
- **2009-2010** : Master 1: Research and Development in Synthesis, Pharmaceutical Chemistry and Natural Products, Faculty of Pharmacy, University Paris Sud 11 / France
- **2001-2006** : Pharmacy and Pharmaceutical Chemistry Degree, Faculty of Pharmacy, Tishreen University / Syria
- **2000-2001** : Scientific Baccalaureate / Syria

Professional Experience

- **Since 2017** : Doctor at the Faculty of Pharmacy, Al-Sham Private University / Syria
- **2016-2017** : Doctor at the Faculty of Pharmacy, Al-Andalus Private University / Syria
- **Since 2016** : Doctor at the Faculty of Pharmacy, Tishreen University / Syria
- **2007-2009** : Scientific Representative for Medico (Pharmaceutical industry company) / Syria
- **2003-2006** : Pharmacy Training / Syria

Competences and Techniques

- Experience in Medicinal Chemistry, Organic Synthesis, Chemical Purification by Chromatography and Identification by IR, UV, NMR and HRMS

Publications

- Tricyclic sesquiterpenes from marine origin. M. Kousara, et al., *Chem. Rev.*, **2017**, *117*, 6110-59.
- Suberosanes as Potential Antitumor Agents: First Enantioselective Total Synthesis of (1S)-Suberosanone and Configurational Assignment of Suberosenol A. M. Kousara, et al., *Synthesis*, **2016**, *48*, 1637-46.
- First enantioselective total synthesis and configurational assignments of suberosenone and suberosanone as potential antitumor agents. M. Kousara, et al., *Chem. Commun.*, **2015**, *51*, 3458-61.

Other Informations

- **2017-2018** : Head, Department of Pharmaceutical Chemistry and Quality Control, Faculty of Pharmacy, Tishreen University / Syria
- Masters supervision: 5 in the laboratory, Tishreen University / Syria
- Book chapter : Chapter 7-Nonhalogenated Heterotricyclic Sesquiterpenes From Marine Origin I: Fused Systems. M. Kousara, et al., Studies in Natural Products Chemistry, **2017**, *52*, 269-302.