

1. Identity



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## 2. Certificates and qualifications

Certification/Qualification	Institution/Date
Qualification: Hospital and University Professor	National exam. Faculty of Medicine. University of Monastir December 2001
Qualification: Associate Professor	National exam. Faculty of Medicine. University of Monastir November 1994.
Certificate: Medical Microbiology	National exam and certificate. Faculty of Pharmacy. University of Monastir April 1990.
Qualification: Hospital and University Assistant.	National exam. Faculty of Medicine. University of Monastir December 1989
Certificate: Medical Doctor specialist	National exam and certificate. Infectious Diseases speciality. Ministry of Health. July 1989.
Certificate: Medical Mycology	Certificate of Medical Mycology. Pasteur Institute. Paris, France. June 1988.
Certificate: Epidemiology and Tropical Diseases	Certificate of comprehensive study. Leon Ba Institute of Tropical Medecine. Faculty of Medecine Xavier-Bichat. University of Paris VII. France. January 1988.
Certificate : Medical Doctor	Medical Doctor. National Certificate. Faculty of Medecine. University of Sousse. July 1986.

### 3. Hospital and academic functions

Speciality	Infectious Diseases.
Current exercise	Full hospital and academic time.
Hospital activities & function	<ul style="list-style-type: none"> <li>- Physician: Provides clinical care for patients with different infectious diseases especially People Living with HIV and Viral Hepatitis.</li> <li>- Head of Infectious Diseases department since 2005.</li> <li>- President of anti-infective agents: since 2005.</li> <li>- Chair of the Medical Committee: 2012-2014.</li> <li>- Member of the Board of Directors: 2009-2014.</li> </ul>
University activities	<ul style="list-style-type: none"> <li>- Provides education in semiology, infectious diseases and anti-infective agents.</li> <li>- Provides CME on HIV/AIDS.</li> </ul>
Other fonctions	<ul style="list-style-type: none"> <li>- President of Tunisian Society of Infectious Diseases: 2008-2010.</li> <li>- President of the national college of Infectious diseases, Microbiology and Parasitology-Mycology: 2008-2010</li> <li>- Editor of Medical Journal (Revue Tunisienne d'Infectiologie).</li> <li>- President of the national anti-infective committee at the Department of Pharmacy and Medicines of the Ministry of Health (since 2009).</li> </ul>

### 4. Other functions: Consulting, society activities and international organizations.

Global Fund to Fight AIDS, Tuberculosis and Malaria	<ul style="list-style-type: none"> <li>- Member of the Country Coordinating Mechanism (CCM) Tunisia: 2009-2011.</li> <li>- Vice President of CCM Tunisia: 2011-2014.</li> <li>- President of CCM Tunisia: since 2014</li> </ul>
	Member of Ethics and Governance Committee: May 2018-May 2020. Member of Ethics and Governance Committee: May 2020-May 2022.
	Alternate Board Member for Eastern Mediterranean Region Constituency (EMRC): March 2019-March 2021.
World Health Organization	<p>Expert for HIV and viral hepatitis to work from home. Providing clinical and programmatic expert advice to HAS unit. World Health Organization. Regional Office for the Eastern Mediterranean (Since 2016).</p>
	Member of Guideline Development Group on use of antiretroviral and HIV drug resistance.
	Member of HIV drug resistance network (WHO HIVResNet) Steering Group, 2018.
National and regional level	Consultant on HIV/AIDS.

## 5. Training

### 5.1- Initial training

- Clinical attachment and Training in management of Infectious Diseases & HIV infection. Claude Bernard Hospital. Paris, France. January 1987-October 1989.
- Clinical attachment and Training in management of HIV infection. Claude Bernard Hospital. Paris, France. March-April 1992.

### 5.2- Other relevant completed training

- Training on the new Global Fund financing model. Ougadougou, 9-13 March 2014.
- Training Workshop on Risk and crisis communication. Tunis, 21-23 November 2014.
- WHO Regional Training Course on HIV Test-Treat-Retain Cascade Analysis. Beirut, 30 October – 2 November 2015.
- Regional Workshop on differentiated approaches for HIV services in the context of Fast Track 90-90-90 and the West and Central Africa catch-up plan. Ouagadougou, 12-16 February 2018.

## 6. Main Skills

- Over 20 year-experience in the field of HIV/AIDS management.
- Over 10 year-experience in the field of training, writing manuals on HIV/AIDS.
- Scientific coordinator of National guidelines on use of antiretrovirals, since 2010.
- Experience in the field of prevention of mother to child transmission of HIV, since 2005.
- Good computer skills: Word, Excel, Power point.

## 7. National and international lectures on HIV/AIDS and CCM (*mention in the language of presentation*)

- 1- Prevention of mother to child transmission of HIV. Course on Management of HIV/AIDS. Beirut, 11 November 2010.
- 2- Infant HIV infection. Course on Management of HIV/AIDS. Beirut, 11 November 2010.
- 3- Tunisian HIV recommendations. Arab Congress FASCMID. Hammamet, 25 May 2012.
- 4- PMTCT Strategy in Tunisia. Intercountry meeting of national AIDS program managers. Casablanca, Morocco 11-13 September 2013.
- 5- Overview of clinical needs in North Africa. Advisory Committee Retreat. Program in Global Medical Education and Social Change. Harvard Medical School. Hammamet, 12-16 October 2013.
- 6- Antiretroviral therapy compliance at Tunisian people living with HIV (PLHIV). Endemic and Emerging Viral Diseases of Priority in the Middle East and North Africa (MENA). Doha, 26-29 May 2014.
- 7- Acute HIV infection. Intercountry meeting of national AIDS program managers. Cairo, 9-13 September 2014.
- 8- Le dépistage de l'infection à VIH comme voie d'entrée dans le système de soins. Programme TRANSFERT, PF MENA. Regional Workshop on HIV Testing. Tunis, 28-29 May 2015.

- 9- Prévention combinée du VIH. Atelier de renforcement des capacités des populations clé. Sfax, 11-12 Juin 2015
- 10- Antiretroviral drugs for HIV prevention. Lebanese Society for Infectious Diseases and Clinical Microbiology & Arab Society of Clinical Microbiology and Infectious Diseases. Beirut, 19 February 2016.
- 11- Populations clés et dialogue pays l'exemple de la Tunisie. Symposium Initiative 5%. AFRAVIH. Bruxelles, 21 avril 2016.
- 12- Is the eradication of HIV/AIDS realistic goal today? World AIDS Day. US Embassy. Tunis, 1 December 2016.
- 13- La prévention combinée de l'infection à VIH. Second International Conference on Infectiology. Oran (Algeria), 28 January 2017.
- 14- Contexte pays de la réponse au VIH. International AIDS Society (IAS) Workshop "Une réponse scientifique au VIH en Afrique du Nord : traduire les bonnes pratiques dans la mise en place des politiques". Casablanca (Morocco), 15-17 March 2017.
- 15- Guide sur les bonnes pratiques du dépistage du VIH dans le Maghreb. International AIDS Society (IAS) Workshop "Une réponse scientifique au VIH en Afrique du Nord : traduire les bonnes pratiques dans la mise en place des politiques". Casablanca (Morocco), 15-17 March 2017.
- 16- Pour un dépistage VIH ciblé aux populations clés. Colloque Méditerranéen sur l'infection à VIH et les hépatites virales, AFRAMED. Hammamet, 28-30 September 2017.
- 17- Faut-il accélérer la prévention combinée. 1<sup>ère</sup> Conférence Internationale d'Infectiologie d'Annaba. Algérie, 27-28 Octobre 2017.
- 18- La prévention combinée dans le contexte de l'accélération de la riposte (90-90-90). Dialogue pays. Sousse, 27-28 Novembre 2017.
- 19- Epidémiologie du VIH et de l'hépatite C en Afrique et quel accès aux soins. Symposium "De la prévention au traitement : quels progrès dans la prise en charge du VIH et de l'hépatite C en Afrique en 2018 ?". AFRAVIH, Bordeaux (France), 4-7 Avril 2018.
- 20- Transition to Dolutegravir: Where we are in MENA countries? ITPC MENA Meeting. AIDS 2018. Amsterdam, 24 July 2018.
- 21- Prévention combinée du VIH Formation en éducation thérapeutique et infection à VIH. Hammamet, 6-7 Septembre 2018.
- 22- Le dépistage communautaire. Une accélération efficace pour atteindre le premier 90. Atelier sur "Accélérer le dépistage communautaire du VIH en Tunisie". Tunis, 22 Février 2019
- 23- Bonnes pratiques du dépistage VIH. Médecins du Monde. Tunis, 4 Avril 2019.
- 24- Le contexte Tunisien sur la riposte au VIH. Webinar IAS/ALCS, 23 Mai 2019.
- 25- Prévention combinée du VIH : Place de la Prophylaxie pré-exposition. Atelier régional sur la prophylaxie pré-exposition au VIH. Tunis, 17-18 Juin 2019.
- 26- Best lines for management of patients with advanced HIV disease. UCHID, Cairo 25 September 2019.
- 27- Enhanced prophylaxis package for advanced HIV disease: Unmet need in Eastern Mediterranean Region. UCHID, Cairo 26 September 2019.

- 28- Dialogue pays pour l'élaboration de la demande de financement du Fonds mondial : Quels bénéfices ? Webinar sur le dialogue pays. Plateforme du Fonds Mondial pour la région MENA, 17 Février 2020.
- 29- COVID-19 et infection à VIH. Webinar sur le COVID-19. Plateforme du Fonds Mondial pour la région MENA, 8 Avril 2020.
- 30- HIV and COVID-19: Current knowledge. Tips and tricks for practical HIV management. HIV online Continuous Medical Education. Cairo, Egypt, 19 May 2020.
- 31- HPV related skin lesions & Cervical cancer screening. Best Practices in the management of Women Living with HIV. Cairo (Webinar), 22 July 2020.

## 8. Manuals and guidelines on HIV/AIDS (*mention in the language of publication*)

- 1- Manuel de prise en charge d'un patient atteint d'une infection à VIH/SIDA. Programme National de Lutte Contre le SIDA et les MST (PNLS/MST). Direction des Soins de Santé de Base. 2003.
- 2- Prévention de la transmission du VIH de la mère à l'enfant. Manuel de prise en charge. Programme National de lutte contre le SIDA et les IST. DSSB, UNICEF 2007.
- 3- Manuel de prise en charge de l'infection à VIH et des infections opportunistes. ONFP et Fond mondial. 2008.
- 4- Manuel du formateur. Prévention de la transmission du VIH de la mère à l'enfant. Programme National de Lutte contre le SIDA et les IST. DSSB, UNICEF 2009.
- 5- Guide d'éducation thérapeutique destiné aux personnes vivant avec le VIH. ATLMST/SIDA, Section de Tunis, 2010.
- 6- Dépliant sur la prévention de la transmission mère-enfant du VIH. DSSB et GFATM, 2010.
- 7- Guide d'éducation thérapeutique destiné aux personnes vivant avec le VIH. ATLMST/SIDA, Section de Tunis. 2<sup>ème</sup> Edition 2013.
- 8- Manuel du formateur. Traitement antirétroviral. OMS et Programme de Lutte contre le SIDA. République de Djibouti. Mai, 2015.
- 10- Guide pratique du formateur en PTME. Testing and counseling pour la Prévention de la transmission du VIH de la mère à l'enfant. Programme National de Lutte contre le SIDA et les IST. DSSB, UNICEF, UNAIDS. Décembre 2016
- 11- Guide du dépistage de l'infection à VIH dans la région du Maghreb. Plateforme MENA, Mars 2017.
- 12- Guide du dépistage de l'infection à VIH dans la région du Maghreb. Plateforme Coalition Plus MENA, Mars 2018 (Deuxième édition et mise à jour).
- 13- Manuel d'éducation thérapeutique et d'aide à l'observance du traitement antirétroviral. Association Tunisienne de Prévention Positive, Mars 2019.
- 14- Guide du dépistage communautaire et des hépatites virales. ATL-MST SIDA Tunis. Décembre 2019.

## 9. Publications on HIV/AIDS (mention in the language of publication)

- 1- Evaluation de l'efficacité et de la tolérance de la zidovudine chez 32 patients SIDA atteints de toxoplasmose cérébrale. *Presse Médicale* 1988, 17, 35, 1813-1814.
- 2- Emergence de la toxoplasmose oculaire au cours du SIDA. *Annales de Médecine Interne* 1990, 141, 5, 472-474.
- 3- Effect on immunological and virological outcome of patients using one protease inhibitor or non-nucleoside reverse transcriptase inhibitor in a triple antiretroviral therapy. Normal clinical practice versus clinical trial findings. *Current HIV Research* 2005; 3 : 199-271.
- 4- Evaluation de la trithérapie antirétrovirale en Tunisie : Etude multicentrique. *Revue Tunisienne d'Infectiologie* 2007, 1 : 12-19.
- 5- Séro-épidémiologie de la co-infection VIH-VHC en Tunisie. *Tunisie Med* 2007 ; 85(2) : 1213.
- 6- Evaluating the therapeutic care of HIV infection in Tunisia. *Tunisie Med* 2008 ; 86(6):534-9.
- 7- Monitoring of HIV-1 resistance in Tunisia (North Africa) with a dried plasma spot strategy. *Journal Acquired Immune Deficiency Syndrome* 2008 1 ; 47(4) : 522- 5.
- 8- Profile of drug resistance mutations among HIV-1-infected Tunisian subjects failing antiretroviral therapy. *Archives of virology*. 2008 May 16
- 9- Attitudes and risk perception of HIV among attendees at the center for voluntary anonymous counselling and testing in Monastir (Tunisia). *Tropical Medicine and International Health* 2011; 16(suppl 1)152.
- 10- Determinants of risky sex practices among consultants of a Voluntary HIV counseling and testing Centre. *Tunisie Medicale* 2013, 91, 7 : 444-8.
- 11- Le contrôle de l'infection à VIH sous traitement antirétroviral est-il possible ? *Revue Tunisienne d'Infectiologie* 2013, 2 : 1-2.
- 12- Prise en charge de la co-infection VIH-VHB. *Revue Tunisienne d'Infectiologie* 2013, 7, 3 : 107- 110.
- 13- Tracking medication pathway as per better securing drugs' use in three clinical departments at the University hospital of Monastir (Tunisia). *Tunisie Médicale* 2014; 92(4) : 262-7.
- 14- *Toxoplasma gondii*: a rare pathogen causing a neurological immune inflammatory reconstitution syndrome in HIV infected patient. *HIV & AIDS Review* 2015; 14(2) : 46-48.
- 15- Fatal systemic Kaposi sarcoma in HIV-positive patient in HAART era. *HIV & AIDS Review* 2015.
- 16- World Health Organization Guidelines on Post Exposure Prophylaxis for HIV: Recommendations for a Public Health Approach. *Clinical Infectious Diseases* 2015; 60 Suppl 3:S161-4. doi: 10.1093/cid/civ068.
- 17- Les déterminants d'une mauvaise observance du traitement antirétroviral chez les personnes vivant avec le VIH. *Revue Tunisienne d'Infectiologie* 2015, 9 ; 3-4 : 79-83.
- 18- Causes de décès des patients infectés par le VIH dans le Centre Tunisien. *Pan African Medical Journal* 2016; 25 (105) : 1-9.

- 19- Genetic Diversity of HIV-1 in Tunisia. *AIDS Res Hum Retroviruses* 2017 33(1):77-81. doi: 10.1089/AID.2016.0164. Epub 2016 Sep 19.
- 20- Assessment of renal safety of tenofovir disoproxil fumarate in people living with HIV in Tunisia. *International Arabic Journal of Antimicrobial Agents* 2017; 7(3): 1-5.
- 21- Managing advanced HIV disease in a Public Health Approach. *Clinical Infectious Diseases* 2018; 66 (suppl 2): S106-110. doi: 10.1093/cid/cix1139.
- 22- HIV epidemic in the Maghreb. Magnitude, trend and management. *Tunisie Medicale* 2018 ; 96(10-11):599-605.
- 23- Specificities of HIV care in the North Africa-Middle East region. In press

## 10. Contribution on HIV/AIDS Book (*mention in the language of publication*)

1- L'épidémie VIH dans la région Afrique du Nord–Moyen-Orient. Chapitre, pages 782-789, *VIH- Hépatites virales et Santé Sexuelle*, 2020. AFRAVIH. Sous la direction de Christine Katlama, Jade Ghosn et Gilles Wandeler.

## 11. National consultations

- 1- Implementation of PMTCT strategy. NAP, UNICEF. 2007.
- 2- Scientific coordinator for Tunisian guidelines on use of antiretrovirals for adults, adolescents and children. NAP, GF. May 2010 & November 2013.
- 4- Update of PMTCT strategy. NAP, MCH, UNICEF. 2011-2012.
- 5- National coordinator for Tunisian eMTCT working group. NAP, MCH, UNICEF, UNAIDS. March-May 2103.
- 7- Development of national HIV testing strategy. NAP, WHO. November 2013-January 2014.
- 8- Member of the team for the development of Tunisian HIV concept note. Expertise France - Initiative 5%. April-October 2014.
- 9- Supervision and Monitoring of PMTCT training for physicians and midwives. March-June 2015.
- 10- Update of Tunisia strategy for HIV testing services. NAP, WHO. October-December 2018.
- 11- Rapid assessment of tuberculosis, HIV and viral hepatitis care in Tunisian prisons. Ministry of Justice & UNODC. December 2019-March 2020.

## 12. Countries experiences

Countries	Place and Date	Project description
Djibouti	16-24 February 2020	Update of Djiboutian Guidelines on the use of Antiretroviral drugs. Developing transition plan to dolutegravir.
Sudan	13-14 December 2019	Workshop for update of Sudanese Guidelines on the use of Antiretroviral drugs. Developing transition plan to dolutegravir.



Algeria	26-28 August 2019 4-8 October 2019	Developing a country strategy for HIV testing services
Somalia (with working in Ethiopia)	30 June 2019- 4 July 2019	Update of Somali Guidelines on the use of Antiretroviral drugs. Developing transition plan to dolutegravir.
Libya (with meeting in Tunisia)	Tunis, 27-29 March 2018	Workshop for Implementation of PMTCT Strategy in Libya.
Libya (with meeting in Tunisia)	Tunis, 21-23 November 2017	Prevention of Mother-To-Child Transmission (PMTCT) of HIV in Libya. Desk Review.
Libya (with meeting in Tunisia)	Tunis, 7-8 November 2016	Consultative meeting on ART protocols in Libya.
Djibouti	Djibouti, 23-27 May 2016	Monitoring and evaluation of care centers for HIV/AIDS. HIV/AIDS & STIs & Hepatitis Unit. Division of Communicable Diseases. World Health Organization. Regional Office for the Eastern Mediterranean. WHO-Regional Office.
Egypt	Cairo, 15-20 January 2016	Desk review and training on PMTCT
Djibouti	Djibouti, 28-29 September 2013	Workshop for implementation of collaborative activities TB/HIV in Djibouti. WHO
Djibouti	Djibouti, 19-26 September 2013	Evaluation of National Tuberculosis Programme and strengthening program capacity. WHO
United Arabe Emirates	Dubai, 25-30 May 2013	Evaluation of PMTCT strategy. UNICEF

### 13. Countries training, coaching and supervision of clinical attachment on HIV/AIDS

#	Date	Training/Clinical attachment	Topics	N° Sessions	Oganizations/place
1	4 October-3 November 2020	Training for physicians.	Clinical management of HIV/AIDS.	Weekly sessions	NAP, UNDP, WHO. Afghanistan. Online training
2	6-10 September 2020	Training for physicians.	Clinical management of HIV/AIDS.	1	NAP, WHO. Egypt. Online training
3	16-18 December 2019	Training for physicians.	Clinical management of HIV/AIDS.	1	NAP, WHO. Alexandria, Egypt.

4	3-8 November 2018	Training for physicians.	Clinical management of HIV/AIDS.	1	NAP, WHO. Cairo, Egypt.
5	13-16 March 2018	Regional training for peer educator (Morocco, Algeria, Lebanon, Tunisia)	Therapeutic education	2	MENA-Rosa Sousse- Tunisia
6	7-19 August 2017	Training for Libyan physicians.	Clinical management of HIV/AIDS.	1	WHO-Libya CO. Infectious disease department. Teaching Hospital of Monastir, Tunisia.
7	7-19 August 2017	Coaching and supervision of clinical attachment for Libyan physicians.	Clinical management of HIV/AIDS.	1	WHO-Libya CO. Infectious disease department. Teaching Hospital of Monastir, Tunisia.
8	23-26 October 2016	Training for physicians.	Clinical management of HIV/AIDS.	1	NAP, WHO. Cairo, Egypt.
9	1-12 August 2016	Training for Libyan physicians.	Clinical management of HIV/AIDS.	1	WHO-Libya CO. Infectious disease department. Teaching Hospital of Monastir, Tunisia.
10	1-12 August 2016	Coaching and supervision of clinical attachment for Libyan physicians.	Clinical management of HIV/AIDS.	1	WHO-Libya CO. Infectious disease department. Teaching Hospital of Monastir, Tunisia.
11	18-20 January 2016	Training of Trainers for physicians and midwives.	PMTCT	1	NAP, MCH, UNICEF. Cairo, Egypt.
12	23 November - 12 December 2015	Coaching and supervision of clinical attachment for Djiboutian physicians	Clinical management of HIV/AIDS	1	WHO-Djibouti CO and WHO-RO. Infectious disease department. Teaching Hospital of Monastir, Tunisia.
13	2-21 November 2015	Coaching and supervision of clinical attachment for Djiboutian physicians.	Clinical management of HIV/AIDS	1	WHO-Djibouti CO and WHO-RO. Infectious disease department. Teaching Hospital of Monastir, Tunisia.
14	12-14 May 2015	Training of Trainers for physicians.	Antiretroviral Thaerpy.	1	NAP, WHO-CO and WHO- RO. Djibouti.

15	14-17 February 2015	Training for physicians.	Opportunistic infections.	1	NAP, WHO-CO and WHO- RO. Djibouti.
16	13-18 December 2014	Training for physicians and pharmacists.	Management of HIV/AIDS, opportunistic infections and PMTCT.	1	NAP, WHO. Cairo, Egypt.
17	9-13 November 2014	Training for physicians.	Antiretroviral Therapy.	1	NAP, WHO-CO and WHO- RO. Djibouti.
18	15-20 September 2012.	Training for physicians	Management of HIV/AIDS and opportunistic infections.	1	NAP, WHO-CO and WHO- RO. Djibouti.

#### 14. Expert for HIV and viral Hepatitis at WHO Regional Office for the Eastern Mediterranean. Cairo, Egypt.

Working from	Place and Date	Project description
Tunisia	Cairo, 6 July-31 December 2020.	Technical support to the regional HIV and Hepatitis program and to countries on viral hepatitis and HIV prevention, diagnosis and treatment. HIV/AIDS & STIs & Hepatitis Unit. Division of Communicable Diseases. World Health Organization. Regional Office for the Eastern Mediterranean.
Tunisia	Cairo, 3 March - 31 December 2019.	Technical support to the regional HIV and Hepatitis program and to countries on viral hepatitis and HIV prevention, diagnosis and treatment. HIV/AIDS & STIs & Hepatitis Unit. Division of Communicable Diseases. World Health Organization. Regional Office for the Eastern Mediterranean.
Tunisia	Cairo, 15 March - 15 December 2018.	Technical support to the regional HIV and Hepatitis program and to countries on viral hepatitis and HIV prevention, diagnosis and treatment. HIV/AIDS & STIs & Hepatitis Unit. Division of Communicable Diseases. World Health Organization. Regional Office for the Eastern Mediterranean.

Tunisia	Monastir, 15 April 2017 – 15 November 2017.	Expert for HIV and viral hepatitis to work from home. Providing clinical and programmatic expert advice to HAS unit. World Health Organization. Regional Office for the Eastern Mediterranean.
Tunisia	Monastir, 6 November 2016 – 5 February 2017.	Expert for HIV and viral hepatitis to work from home. Providing clinical and programmatic expert advice to HAS unit. World Health Organization. Regional Office for the Eastern Mediterranean.
Egypt	Cairo, 17 September-28 October 2016.	Technical support to the regional HIV and Hepatitis program and to countries on viral hepatitis and HIV prevention, diagnosis and treatment. HIV/AIDS & STIs & Hepatitis Unit. Division of Communicable Diseases. World Health Organization. Regional Office for the Eastern Mediterranean.
Egypt	Cairo, 15 May-30 June 2016.	Technical support to the regional HIV and Hepatitis program and to countries on viral hepatitis and HIV prevention, diagnosis and treatment. HIV/AIDS & STIs & Hepatitis Unit. Division of Communicable Diseases. World Health Organization. Regional Office for the Eastern Mediterranean.

## 15. WHO Guidelines experiences

Guidelines	Dates of publication	Participation
Consolidated guidelines on HIV testing services for a changing epidemic	November 2019	Member of External Review Group.
Updated recommendations on first-line and second-line antiretroviral regimens and post-exposure prophylaxis and recommendations on early infant diagnosis of HIV. Interim guidance	December 2018	Member of Guideline Development Group.
Guidelines for the diagnosis, prevention and management of Cryptococcal disease in HIV-infected adults, adolescents and children	March 2018	Member of Guideline Development Group.
Guidelines on the public health response to pretreatment HIV drug resistance.	July 2017	Member of Guideline Development Group.
Guidelines for managing advanced HIV disease and rapid initiation of antiretroviral therapy.	July 2017	Member of Guideline Development Group.

Guidelines on HIV self-testing and partner notification.	December 2016	Member of External Review Group.
Consolidated guidelines on the use of antiretroviral drugs for treating and Preventing HIV infection. Second edition.	June 2016	Member of Guideline Development Group.
Consolidated guidelines on the use of antiretroviral drugs for treating and preventing HIV infection. What's new.	November 2015	Member of Guideline Development Group.
Guideline on When to start Antiretroviral Therapy and on Pre-exposure prophylaxis for HIV.	September 2015	Member of Guideline Development Group.
Consolidated Guidelines on HIV Testing Services.	July 2015	Member of External Review Group.
Guidelines on post-exposure prophylaxis for HIV and the use of co-trimoxazole prophylaxis for HIV- related infections among adults, adolescents and children: recommendations for a public health approach.	December 2014.	Member of Guideline Development Group (Post-Exposure Prophylaxis for HIV).
HIV prevention, diagnosis, treatment and care for key populations.	July 2014	Member of External Review Group.

## 16. Contribution at International Conferences on HIV/AIDS

- 1- Chair of Mediterranean Symposium on HIV/AIDS and Viral Hepatitis (AFRAMED 2017). Hammamet, Tunisie, 28-30 September 2017.
- 2- Member of International Steering Committee of ICASA 2017. Abidjan, Cost Ivory, 4-9 December 2017.
- 3- Member of scientific Committee of ICASA 2017. Abidjan, Cost Ivory, 4-9 December 2017.
- 4- Member of International Steering Committee of ICASA 2019. Kigali, Rwanda, 2-7 December 2019.
- 5- Member of scientific Committee of ICASA 2019. Kigali, Rwanda, 2-7 December 2019.
- 6- Member of scientific Committee of Mediterranean Symposium on HIV/AIDS and Viral Hepatitis (AFRAMED 2019). Casablanca, Morocco, 27-29 September 2019.

## 17. Languages

(Level noted of 1 to 5; 5 being the highest)

Languages	Understood	Spoken	Written
Arabic	5	5	5
French	5	5	5
English	4	4	4

