

# Infectious diseases

## **Empirical use of antimicrobial during an interventional program in Gram negative bacilli bacteremia**

*Barcala Salido J.M., López Cárdenas S., Rubio-Marín P., Zapata López A., Rodríguez Félix L.* (Jerez de la Frontera, Spain)

## **Is there any relation between vitamin D deficit on HIV infection characteristics?**

*Belso A., García B., Alfaro S., Romero M., Maestre S., Pérez-Barba C., Pascual R.* (Elda, Spain)

## **Hemophagocytic syndrome as the presenting manifestation of visceral leishmaniasis: a study of three cases**

*Ben Ghezala W., Boukhris I., Hariz A., Azzabi S., Kechaou I., Cherif E., Kaouech Z., Kooli C., Ben Hassine L., Khalfallah N.* (Tunis, Tunisia)

## **Raoultella spp. infection: clinical and microbiological findings of an emerging agent**

*Boattini M., Almeida A., Vesza Z., Silva Cruz C., Machado C.M., Tosatto V., Nascimento P., Cardoso C., Cardoso S., Pinto M., Marques N., Barata Moura R., Sousa Guerreiro A.* (Lisbon, Portugal)

## **Immunocompromised patients and quantiferon. A complex relationship**

*Chávez Valladares S., Hinojosa Mena Bernal M.C., Monteagudo Nogueira M.B.* (Valladolid, Spain)

## **Fusobacterium necrophorum. Beyond Lemierre's syndrome**

*Fernández-Fernández F.J., Valle-Feijoo L., Rodríguez-Arias M., Arca-Blanco A., Novoa-Lamazares L., De la Fuente A.J.* (Vigo, Spain)

## **Comparison of HBsAg seroprevalence between two districts and two eras in Istanbul**

*Furuncuoğlu Y., Bölükbaş C., Bölükbaş F., Başar M.* (Istanbul, Turkey)

## **Clostridium difficile binary toxin producer in a tertiary hospital**

*López Cárdenas S., Rubio-Marín P., Alados-Arboledas J.C., López Prieto M.D.* (Jerez de la Frontera, Spain)

## **Optimize the diagnosis of Clostridium difficile infection, comparison between pre-intervention and post-intervention**

*López Cárdenas S., Rubio-Marín P., Villanueva Rodríguez P., Alados Arboleda J.C.* (Jerez de la Frontera, Spain)

## **Empirical antimicrobial treatment in mobile applications era**

*López Cárdenas S., Rubio-Marín P., Zapata López A., Rodríguez Félix L.* (Jerez de la Frontera, Spain)

## **Tuberculosis with anti TNF-alpha treatment**

*Mrouki M., Bellakhal S., Badreddine K., Jomni T., Souissi A., Kdadi H., Mestiri A., Douggui M.H.* (La Marsa, Tunisia)

## **HIV encephalopathy as clinical onset of late diagnosis of HIV infection: report of a case**

*Rodríguez M.T., Martín Perez J.A., García D.V., Miguez N.F., Cruces Moreno M.T., Martínez G.L.* (Granada, Spain)

## **Streptococcal toxic shock syndrome associated with necrotizing fasciitis**

*Tsilingiris D., Liaskos C., Fytili C., Kouveletsou M., Kokkinos A. (Athens, Greece)*