

## عنوان مقاله:

Detection and identification of Leishmania isolates from patients with Cutaneous Leishmaniasis (CL) in Isfahan (central region of Iran) by PCR method

## محل انتشار:

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## خلاصه مقاله:

Leishmaniasis is caused by parasitic protozoa of the genus Leishmania. Cutaneous leishmaniasis (CL) is a complex disease with wide spectrum of clinical manifestations. In order to identify leishmania species causing CL in Isfahan by a definite molecular technique (PCR method), this study was undertaken over ۲۰۱۰- ۲۰۱۱. ۱۲۴ Patients with suspicious lesion of Leishmaniasis and positive direct smear from lesion were selected. Samples were cultured in NNN and RPMI ۱۶۴۰ media Negative and positive control and clinical samples was applied for PCR in the same condition. In the next step, standard PCR was carried out using classic protocol. From ۱۲۴ patients, ۱۱۱ (۸۹.۵۱%) cases were infected as L. major and ۱۲ (۹.۶۷%) cases were infected by L. tropica, However only in one patient simultaneous infectious with both L. major and L. tropica was identified by PCR techniques which could not be possible in microscopy. L. major was the most prevalent species in the studied patients (p-value

## کلمات کلیدی:

Characterization, Cutaneous Leishmania, L. major, L. tropica, PCR

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1868843>

