المؤتمر 4 للرابطة العربية لضعف المناعة الأولي
والمؤتمر المغربي 18 للقابلية الوراثية للعدوى والإلتهاب والأرجية

4th Congress of the Arab Society for Primary Immunodeficiencies
and 18th Moroccan Inborn Errors of Immunity Congress

4th ARAPID, April 2025

جامعة محمد السادس للعلوم و الصحة، الدار البيضاء 24-26 أبريل 2025
Mohammed VI University of Health and Sciences, Casablanca, April 24-26, 2025

العروض الشفهية و الجدارية المقبولة من طرف الرابطة
Oral communications and posters accepted by ARAPID.

العروض الشفهية | الخميس 24 أبريل الساعة 17:00
Oral Communication | April 24th at 5:00 PM

العروض الشفهية | الجمعة 25 أبريل الساعة 15:00
Oral Communication | Friday April 25th at 3:00 PM

عرض الملصق الإلكتروني | الجداريات
E-Poster Presentation

العروض الشفهية و الجدارية المقبولة من طرف الجمعية المغربية لضمأ
Oral communications and posters accepted by MSPID.

Pediatrics session
العروض الشفهية | السبت 26 أبريل الساعة 11:00
Oral Communication | April 26th at 11:00 AM

Pediatrics session
العروض الشفهية بالعربية | الخميس 24 أبريل الساعة 18:00
ARABIC – MSPID Jeudi 24 Avril 2025 18:00

Biology session
العروض الشفهية | الخميس 24 أبريل والسبت 26 أبريل
Oral Communication | April 24th and 26th

Adult session
لعروض الشفهية | السبت 26 أبريل
Oral Communication | April 26th

عرض الملصق الإلكتروني | الجداريات
E-Poster Presentation

E-Poster - Pediatrics session

E-Poster - Biology session

E-Poster - Adult session

قائمة العروض الشفهية المقبولة في مؤتمر الرابع للرابطة العربية لضعف المناعة الأولي (ضمأ)

List of accepted oral communication for the 4th Congress of the Arab Society for Primary Immunodeficiencies ARAPID

العروض الشفهية | الخميس 24 أبريل الساعة 17:00

Oral Communication | April 24th at 5:00 PM

العنوان و الانتماء Title et Affiliation	الفهرس Contents

Exploration of the Clinical and Immunogenetic Profile of Patients with Agammaglobulinemia: About 47 cases

C. Bitty[1], Z. Aadam[1], N. Akhrichi, J. El Bakkouri[1,3], F. Ailal[1,2], A.A. Bousfiha[1,2], I. Benhsaien[1,2]

1 Laboratory of Clinical Immunology, Inflammation and Allergies (LICIA), Faculty of Medicine and Pharmacy, Hassan II University, Casablanca, Morocco.
2. Clinical Immunology and Infectious Pediatrics Department, Abderrahim Harouchi Hospital, Ibn Rochd University Hospital, Casablanca, Morocco.
3. Immunology Laboratory, Ibn Rochd University, Hospital, Casablanca, Morocco.

Bone marrow transplantation in severe combined immunodeficiencies: what challenges for the clinician?

Ben Khaled Monia*, Rawafi, Neyla , Rekaya Samia, Ben Fraj Ilhem, Ben Taieb Aicha, Garbaa Altaf, Kouki Ridha, Bejaoui Mohamed, Mellouli Fethi, Ouederni Monia

Pediatric Immuno-Haematology and Haematopoietic Stem Cell Transplant Department of the National Bone Marrow Transplant Centre in Tunis, TUNISIA.

Clinical, immunological, genetic characteristic and outcome of stem cell transplantation in zap- 70 deficiency: a single center experience

Fai Alqahtani[1], Anas Alazami[2], Azhar Alshaqaq[3], Reem Mohammed[3], Rand Arnaout[3], Bandar Al-Saud[3], Nora Alrumayyan[3], Sahar Elshorbagi[3], Abbas Hawwari[4], Hamoud Al- Mousa[2,3,5]*

1. Department of Pediatrics, Collage of Medicine, King Fahad Hospital of the University, Alkhobar, Saudi Arabia
2. Department of Pediatrics, King Faisal Specialist Hospital & Research Center, Riyadh, Saudi Arabia.
3. Genetics Department, Research Center, King Faisal Specialist Hospital & Research Center, Riyadh, Saudi Arabia.
4. Department of Pediatrics, King Saud University, Riyadh, Saudi Arabia 5- College of Medicine, Alfaisal university, Riyadh, Saudi Arabia.

تشخيص الورم الحبيبي الإنتاني المزمن : تجربة المستشفى الجامعي ابن رشد

A. Samih*[1,2], R. Zaaboul[1,2], F. Ailal[2,3,4], I. Benhsaien[2,3,4], A.A Bousfiha[4], A. Drissi Bourhanbour[1,2,3], J. El Bakkouri[1,2,3]

1. Laboratoired'Immunologie, CHU Ibn Rochd
2. Faculté de Médecine et de Pharmacie, Université Hassan II, Casablanca, Maroc
3. Laboratoire d'Immunologie Clinique et d'Immuno-Allergie (LICIA), Université Hassan II, Faculté de médecine et de pharmacie, Casablanca
4. Unité d'immunologie clinique, Service des Maladies Infectieuses pédiatriques, Hôpital d'enfant Abderrahim Harrouchi, Casablanca

Genetic Mutations, Clinical Features, and Mortality in Severe Combined Immunodeficiency: A Single- Center Experience

Hamza M. Alnsour MD* , Raed M. Alzyoud MD, Motasem O. Alsuweiti MD

Department of Pediatric Immunology, Allergy, and Rheumatology, Queen Rania Children's Hospital, Amman, Jordan.

قائمة العروض الشفهية المقبولة في مؤتمر الرابع للرابطة العربية لضعف المناعة الأولي (ضمأ)

List of accepted oral communication for the 4th Congress of the Arab Society for Primary Immunodeficiencies ARAPID

العروض الشفهية | الجمعة 25 أبريل الساعة 15:00

Oral Communication | Friday April 25th at 3:00 PM

العنوان و الانتماء Title et Affiliation	الفهرس Contents

Outcomes of Hematopoietic Stem Cell Transplantation in Patients with Hemophagocytic Lymphohistiocytosis Associated with Inborn Errors of Immunity in Tunisia

Ben Khaled Monia*, Naffeti Rania, Ben Fraj Ilhem, Ben Taieb Aicha, Rekaya Samia, Bouraoui Amal, Kouki Ridha, Bejaoui Mohamed, Mellouli Fethi, Ouederni Monia

Pediatric Immuno-Haematology and Haematopoietic Stem Cell Transplant Department of the National Bone Marrow Transplant Centre in Tunis, TUNISIA

Defects in Innate and Intrinsic Immunity in Morocco Genetic Variants and Their Clinical Impact

Marwa Refaat[1*], Khaoula Oussama[1], Mohamed Bousfiha[1], Halima Kholaiq[1], Abderrahmane Errami[1], Amenzoui Naima[1,2], Ibtihal Benhsaien[1,2], Fatima Ailal[1,2], Jalila El Bakkouri[1,3], Ahmed Aziz Bousfiha[1,2]

1.Laboratory of Clinical Immunology, Inflammation and Allergy (LICIA), Faculty of Medicine and Pharmacy Casablanca, Hassan II University, Casablanca, Morocco.
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3. Immuno-Serology Laboratory, CHU Ibn Rochd, Casablanca, Morocco.

Inborn Errors of Immunity AssociatedInflammatory Bowel Disease: A Tertiary Center Experience

Nour AlJefri, MBBS

Fellow, Adult Allergy and Immunology, King Faisal Specialist Hospital, Riyadh

Evans syndrome in children: a warning sign of an inborn error of immunity

A. BEN KHALED Monia*, MRAD Imen, Khemakhem Mariem, Ben Taieb Aicha, Ben Fraj Ilhem, Rekaya Samia, Kouki Ridha, Bejaoui Mohamed, Mellouli Fethi, Ouederni Monia

Pediatric Immuno-Haematology and Haematopoietic Stem Cell Transplant Department of the National Bone Marrow Transplant Centre in Tunis, TUNISIA

Computational Bioinformatic Analysis Supporting NGS in the Diagnosis of Inborn Errors Immunity in Low-Resource Settings: 2 Cases from Sudan

N.H.H. Erwa[1], O. AM. M. Salih[2], R.H. Al Ahmed[2], M. Ahmed [2], H.H. Eltayeb[2], M. Elsadeg[2], A.H. Abdelmoneim[3], H.A.O. Fadl[4], B. Glanzmann[5,6], M.A.B. Osman[7], T.M.E. Gasim[2], A. Mustafa[3]

1.Faculty of Medicine & Soba University Hospital, Faculty of Medicine, University of Khartoum,
2. Faculty of Medicine and Health Sciences, Omdurman Islamic University, Omdurman, Sudan.
3. Faculty of Medicine, Al-Neelain University, Khartoum, Sudan
4. Department of Haematology, Faculty of Medical Laboratory Sciences, Al-Neelain University, Khartoum, Sudan.
5. DSI-NRF Centre of Excellence for Biomedical Tuberculosis Research, South African Medical Research Council Centre for Tuberculosis Research, Division of Molecular Biology and Human Genetics, Faculty of Medicine and Health Sciences, Stellenbosch University.
6. South African Medical Research Council (SAMRC) Genomics Platform, Cape Town 7505, South Africa.

قائمة الملصقات المقبولة في مؤتمر الرابع للرابطة العربية لضعف المناعة الأولي (ضمأ)

List of accepted poster presentations for the 4th Congress of the Arab Society for Primary Immunodeficiencies ARAPID

عرض الملصق الإلكتروني | الجداريات
E-Poster Presentation

العنوان و الانتماء Title et Affiliation	الفهرس Contents

Familial Cold Autoinflammatory Syndrome Post COVID-19 Vaccine: A Case Report.

Salem A Al Suhaymi [1] , Khuloud K Al Sehaim [2]

1. Department of Medicine, Section of Allergy and Immunology, King Faisal Specialist Hospital and Research Centre, Riyadh, Kingdom of Saudi Arabia.
2. Department of Medicine, Section of Allergy and Immunology, King Faisal Specialist Hospital and Research Centre, Riyadh, Kingdom of Saudi Arabia.

Case Report: A Novel Mutation in LAT Gene in an Infant with Severe Combined Immunodeficiency and Hematopoietic Stem Cell Transplantation Outcomes and Literature Review

Fai AlQahtani[1], Anas M Alazami[2], Reem Mohammed[1]*

1. Department of Pediatrics, Collage of Medicine, King Fahad Hospital of the University, Alkhobar, Saudi Arabia
2. Genetics Department, Research Center, King Faisal Specialist Hospital & Research Center, Riyadh, Saudi Arabia.
3.Department of Pediatrics, King Faisal Specialist Hospital & Research Center, Riyadh, Saudi Arabia.

LRBA Deficiency with Metastatic Gastric Cancer: Case Report and Literature Review

Jefri Mona[1]* and Arnaout Rand[2]

1.Allergy and Immunology Fellow, King Faisal Specialist Hospital and Research Center, Riyadh, Saudi Arabia.
2.Allergy and Immunology Consultant, King Faisal Specialist Hospital and Research Center, Riyadh, Saudi Arabia.

Atypical SCID with RAG2 mutation: a new case report

Ilhem Ben Fraj* [1], Manel Gouja[1], Monia Ben Khaled[1], Najla Mekki[2], Samia Rekaya[1], Aicha Ben Taieb[1], Imen Ben Mustapha [2], Fethi Mellouli[1], Monia Ouederni[1]

1. Department of Pediatrics: Immunohematology and stem cell transplantation, National Center of Bone Marrow Transplantation, University of Tunis El Manar, TUNISIA
2. Laboratory of Transmission, Control and Immunobiology of Infection. (LR 11 IPT 02), Institut Pasteur de Tunis, University of Tunis El Manar, TUNISIA

Evaluation of Anti-Infective Drug Utilization in Patients with Primary Immunodeficiency at the National Bone Marrow Transplant Center of Tunisia

Emna Dhaouadi[1]*, Ikram Fazaa[1,2], Monia Ouederni[3,4], Monia Ben Khaled[3,4], Leila Achour[1,2], Chema Drira[1,2]

1.University of Monastir, Faculty of pharmacy of Monastir, Tunisia.
2.Departement of pharmacy, National bone marrow transplant center, Tunis, Tunisia.
3.Departement of pediatrics, National bone marrow transplant center, Tunis, Tunisia.
4.University Tunis Manar, Faculty of medecine, Tunis.

Hematopoietic Stem Cell Transplantation in Chronic Granulomatous Disease: A Single-Center Study

Ilhem Ben Fraj* , Manel Gouja, Monia Ben Khaled, Samia Rekaya, Aicha Ben Taieb , Altaf Garbaa, Fethi Mellouli, Monia Ouederni

Department of Pediatrics: Immunohematology and stem cell transplantation, National Center of Bone Marrow Transplantation, University of Tunis El Manar, TUNISIA

Non-Infectious Manifestations in Common Variable Immunodeficiency: A Retrospective Study from a Tunisian Reference Center

Ben Khaled Monia*, Garbaa Altaf, Ben Fraj Ilhem, Ben Taieb Aicha, Rekaya Samia, Khemakhem Mariem, Kouki Ridha, Bejaoui Mohamed, Mellouli Fethi, Ouederni Monia

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Predictors of Mortality and Recurrence in Hemophagocytic Lymphohistiocytosis

Ben Khaled Monia*, Bouraoui Amal, Naffati Malek, Ben Fraj Ilhem, Ben Taieb Aicha, Rekaya Samia, Naffeti Rania, Kouki Ridha, Bejaoui Mohamed, Mellouli Fethi, Ouederni Monia

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Primary Immunodeficiency and Cancer

Ben Khaled Monia*, Khemakhem Mariem, Ben Fraj Ilhem, Ben Taieb Aicha, Rekaya Samia, Hamdi Cherif, Kouki Ridha, Bejaoui Mohamed, Mellouli Fethi, Ouederni Monia

Pediatric Immuno-Haematology and Haematopoietic Stem Cell Transplant Department of the National Bone Marrow Transplant Centre in Tunis, TUNISIA

Evaluation of healthcare personnel's knowledge on the signs of inborn errors of immunity, their management, and patient therapeutic education.

Ben Khaled Monia, Jouini Khawla*, Garbaa Altaf, Ben Fraj Ilhem, Ben Taieb Aicha, Rekaya Samia, Kouki Ridha, Bejaoui Mohamed, Mellouli Fethi, Ouederni Monia

Pediatric Immuno-Haematology and Haematopoietic Stem Cell Transplant Department of the National Bone Marrow Transplant Centre in Tunis, TUNISIA

Evaluation of Patients' and Parents' Knowledge of Inborn Errors of Immunity in Children

Ben Khaled Monia, Khlifi Khouloud*, Bouraoui Amal, Ben Fraj Ilhem, Ben Taieb Aicha, Rekaya Samia, Garbaa Altaf, Kouki Ridha, Bejaoui Mohamed, Mellouli Fethi, Ouederni Monia

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Quality of life in patients with immune deficiency receiving intravenous Immunoglobulin replacement therapy

Jouini Khawla*, Ben Fraj Ilhem, Garbaa Altaf, Ben Taieb, Aicha, Rekaya Samia, Kouki Ridha, Bejaoui Mohamed, Mellouli Fethi, Ben Khaled Monia, Ouederni Monia

Department of Pediatrics: Immuno- Haematology and Stem Cell Transplant The National Bone Marrow Transplant Centre in Tunis, TUNISIA

Quality of life after hematopoietic stem cell transplantation in Primary immune deficiencies

Khlifi Khouloud*, Ben Fraj Ilhem, Bouraoui Amal, Ben Taieb Aicha, Rekaya Samia, Kouki Ridha, Bejaoui Mohamed, Mellouli Fethi, Benkhaled Monia, Ouederni Monia

Department of Pediatrics: Immuno- Haematology and Stem Cell Transplant The National Bone Marrow Transplant Centre, Tunis, TUNISIA

ICF4 Syndrome: FromGenetic Diagnosis to Therapeutic Approaches

Aicha Ben Taieb[1,2] , Amal Bouraoui[1,2], Ilhem Ben Fraj[1,2], Samia Rekaya[1,2], Ameni Merdassi[1,2], Fethi Mellouli[1,2]. Mohamed Bejaoui[1,2], Monia Ben Khaled[1,2], Monia Ouederni[1,2]

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Successful Hematopoetic stem cell Transplantation in two cases of IFNγR1 receptor deficiency

Aicha Ben Taieb[1,2] , Rania, Naffeti[1,2], Ilhem Ben Fraj[1,2], Samia Rekaya[1,2], Ameni Merdassi[1,2], Fethi Mellouli[1,2].Mohamed Bejaoui[1,2], Monia Ben Khaled[1,2], Monia Ouederni[1,2]

1. Department of pediatrics: immune-hematology and stem cell transplantation, Bone Marrow transplant Center Tunis, Tunisia
2. University Tunis El Manar, Faculty of Medicine, Tunis, Tunisia

Vici syndrome: a rare case of combined immunodeficiency

Aicha Ben Taieb[1,2], Rania Naffeti[2], Ilhem Ben Fraj[1,2], Samia Rekaya[1,2], Ameni Merdassi[1,2], Ikram Zaiter[1], Fethi Mellouli[1,2]. Mohamed Bejaoui[1,2], Monia Ben Khaled[1,2], Monia Ouederni[1,2]

1. Department of pediatrics: immune-hematology and stem cell transplantation, Bone Marrow transplant Center Tunis, Tunisia
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NFKB1 Mutation and Burkitt Lymphoma: At the Crossroads Between Immunodeficiency and Oncogenesis

Aicha Ben Taieb[1,2] ,Eya Bouzidi[1,2], Ilhem Ben Fraj[1,2],Nesrine Chraiet[2,3], Samia Rekaya[1,2], Ameni Merdassi[1,2], Fethi Mellouli[1,2]. Mohamed Bejaoui[1,2], Monia Ben Khaled[1,2], Monia Ouederni[1,2]

1. Department of pediatrics: immune-hematology and stem cell transplantation, Bone Marrow transplant Center Tunis, Tunisia
2. University Tunis El Manar, Faculty of Medicine, Tunis, Tunisia
3. Department of pediatric- oncology:SlahAzaiezinstitute,Tuni s, Tunisia

العروض الشفهية و الجدارية المقبولة من طرف الجمعية المغربية لضمأ
Oral communications and posters accepted by MSPID

Pediatrics session

العروض الشفهية | السبت 26 أبريل الساعة 11:00
Oral Communication | April 26th at 11:00 AM

العنوان و الانتماء
Title et Affiliation — **الفهرس Contents**

Une nouvelle mutation de CIITA causant une déficience du CMH-II : premier cas au Maroc

S. Leassafri, I. Benhsaien, Ab. Kattra, A. Ouchikh, Z. Aadam, F. Ailal, A A. Bousfiha

Service des maladies infectieuses et immunologie clinique pédiatriques Hôpital universitaire Mère-Enfant de Casablanca Faculté de médecine et de pharmacie de Casablanca

Candidose cutanéo-muqueuse chronique : A propos de 38 cas

M. Jalal[1], I. Benhsaien[1], B. Baghad[2], Fz. El Fatoiki[2], F. Hali[2], S. Chiheb[2], F.ailal[1], Aa. Bousfiha[1]

1. Service de maladies infectieuses et d'immunologie clinique, pédiatrie 1 Hôpital mère-Enfant A. Harouchi, CHU Ibn Rochd, Casablanca
2. Service de dermatologie, CHU Ibn Rochd Casablanca

Primary immunodeficiencies and monogenic auto-immunity

Ahamada. Elamine[1*], Ibtihal. Benhsaien[1,2], Fatima. Ailal[1,2], Zahra Aadam[1], Asmaa. Drissi Bourhanbour[1,3], Jalila. El Bakkouri[1,3,4], Ahmed. Aziz. Bousfiha[1,2]

1. Laboratory of Clinical Immunology, Infection and Autoimmunity (LICIA). Faculty of Medicine and Pharmacy. Hassan II University, Casablanca, Morocco.
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3. Immuno-serology Laboratory, Ibn Rochd Hospital Casablanca
4. Laboratory of Immunopathology-Immunomonitoring-Immunotherapy, Mohammed VI University of Health Sciences (UM6SS), Casablanca

Clinicobiological Characteristics of SCN: A Retrospective Study of 20 Cases

H. Zahar[1*],H. Msaaf[2], I. Benhsaein[1,2], Z. Kasmi[1], A. A. Bousfiha[1,2], F. Ailal[1,2]

1. Clinical Immunology, Infection and Auto-immunity Laboratory (LICIA), Faculty of Medicine and Pharmacy, Hassan II University, Casablanca, Morocco.
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ZNF341-Related Autosomal Recessive Hyper-IgE Syndrome: A Case Series of Four Patients

Lasry Rania[1*], Benhsain Ibtihal[1,2], Fadil Ilham[1], Aadam Zahra[1], Bousfiha Ahmed Aziz[1,2], Ailal Fatima[1,2]

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2. Department of Pediatric Infectious Diseases And Clinical Immunology, Abderrahim Harouchi Children's Hospital Ibn Rochd University Hospital Casablanca, Morocco

Major histocompatibility complex class II deficiency: Clinical, Immunological, and Genetic

Aziza Bachir Kattra[1*] , Fatima Ailal[1,2], Ibtihal Benhsaien[1,2], Asmaa Drissi Bourhanbour[1,3], Abderrahmane Errami[1] , Zahra Aadam[1] , Ahmed Aziz Bousfiha[1,2], Jalila El Bakkouri[1,3,4]

1. Laboratory of Clinical Immunology, Inflammation, and Allergy (LICIA), Faculty of Medicine and Pharmacy of Casablanca, Hassan II University of Casablanca. 20250, Casablanca, Morocco.
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3. Laboratory of Immunology, Ibn Rochd University Hospital, 20250, Casablanca, Morocco. 4. Mohammed VI University of Health Sciences, 82403, Casablanca, Morocco.

Poikiloderma With Neutropenia: About Seven Cases

S. Sbeih, H. Zahar, Z. Kasmi, I. Benhsaien, A A. Bousfiha, F. Ailal *

Department of Pediatric Infectious Diseases and Clinical Immunology Hôpital Mère-Enfant A. Harouchi, CHU Ibn Rochd, Casablanca Hassan II University Casablanca

CARMIL2 Deficiency in Moroccan Families: Genetic Characterization and Clinical Manifestations of a Rare Combined Immunodeficiency.

Khaoula Oussama [1], Sara Missaoui [1], Zahra Aadam [1], Marwa Refaat [1], Sanaa Zaidi[1],Chaimaa Oujane[1], Jalila El Bakkouri[1,3], Ibtihal Benhsaien [1,2], Fatima Ailal[1,2], Ahmed Aziz Bousfiha [1,2], F. Adnane [1,2]

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3. Immunology Laboratory, Ibn Rochd University Hospital, Casablanca 20250, Morocco

Hyperimmunoglobulin E HyperIgE Syndrome : A retrospective analysis of 104 cases

K. Weyo*[1], D. Mbiyuku [1], Fadil Ilham [2], F. Ailal[1,2], I. Benhsaien [1,2], A A. Bousfiha [1,2]

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Clinical and immunological profile of Late-Onset Combined Immune Deficiency (LOCID): A study of 16 cases

M. Bissou, A. Allaoui, I. Benhsaien, A. A. Bousfiha, F. Ailal

Department of Pediatric Infectious Diseases and Clinical Immunology, Children's Hospital, Ibn Rochd University Hospital, Casablanca, Morocco.

Risque et Réalité : L'immunodépression, terrain des infections virales graves

I.toulaghman, H. Tkak, H. El Haddadi, M. Benhachem, A. Hamami, S. Anane, M. Azizi, H. Zahiri, A. Ghannam, A. El Ouali, A. Babakhouya, M. Rkain

Unité d'oncohématologie, Service de pédiatrie, CHU Mohammed VI Oujda

Déficits Immunitaires chez l'Enfant : Quand Faut-il les Évoquer ? Enquête auprès des Médecins Généralistes de l'oriental

N. Ouerradi, H. Tkak, M. Azizi, A. Ghannam, M. Rkain

Unité d'hémato-oncologie pédiatrique, Service de pédiatrie, CHU Mohamed VI- Oujda

Le Syndrome de Chediak-Higashi : Une Maladie Rare au Pronostic Sombre – À Propos de 3 Cas

N. Ouerradi, H. Tkak, M. Azizi, A. Ghannam, M. Rkain, N. Benajiba

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Hyper-IgE (HIES) syndrome in children- A report of three cases

A. Ajeddig*, I. Menjel, I. Fetoui, S. Mrhar, K. Fakiri, N. Rada, G. Draiss, M. Bouskraoui

Department of Pediatrics A, Mohammed VI University Hospital, Marrakech

Inflammation and Febrile Seizures: An Overview of Research Findings

Imane Abbari[1] , Widad Gueddari[1,2], Ahmed Aziz Bousfiha[3,4]

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Association of inborn errors of immunity and primary ciliary dyskinesia in two patients

D. Benchaji[1 *] ,I. Mansouri[1] , Z. Aadam[1], S. Satlane[2], I. Belkhou[1,2], I. Benhsaien[1,2], F. Ailal[1,2], M. El Alaoui El Hanafi[1,3], F. Adnane[1,2], A. A Bousfiha[1,2], N. Amenzoui[1,2]

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3. Department of hematology-Oncology pediatric SHOP, Ibn Rochd University Hospital, Casablanca, Morocco

Prevalence and Etiologies of BCGitis in Morocco: A Literature Review

Zerqouni Said [1], Benhsaien Ibtihal[2], Ailal Fatima[3], El Bakkouri Jalila[4], Bousfiha Ahmed Aziz[5]

1. PhD Student Biology and Health Option, Faculty of Medicine and Pharmacy of Casablanca,
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3. Pediatrician, A. Harouchi Children's Hospital, Ibn Rochd University Hospital, Casablanca
4. Professor, Faculty of Medicine and Pharmacy of Casablanca
5. Professor of Pediatrics, Faculty of Medicine and Pharmacy of Casablanca

دراسة التفاعل المناعي بين نقص الغلوبولين المناعي أ في الرنح التوسعي وتطور الأورام اللمفاوية: تحليل الآليات المرضية والتشخيص السريري

Ezzoubi N, Chekhlabi N, Ech-charii N, Dini N

قسم طب الأطفال، المستشفى الجامعي الدولي الشيخ خليفة.جامعة محمد السادس للعلوم والصحة، الدار البيضاء، المغرب

Pediatrics session

العروض الشفهية بالعربية | الخميس 24 أبريل الساعة 18:00
ARABIC – MSPID Jeudi 24 Avril 2025 18:00

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Hematopoietic Stem Cell Transplantation in OMEN syndrom: A Single-Center Study

Ilhem Ben Fraj*, Monia Ben Khaled, Samia Rekaya, Aicha Ben Taieb , Hamdi Cherif, Rania Naffeti, Fethi Mellouli, Monia Ouederni

Department of Pediatrics: Immunohematology and stem cell transplantation, National Center of Bone Marrow Transplantation, University of Tunis El Manar, TUNISIA

Allogreffe des cellules souches hématopoïétique des déficits immunitaires primitifs au Maroc

Y Bellarhrib [1]*, F Ailal [1], S Fadli[1], F.Z Lahlimi [2], M Tazi[2], A Quessar[1], M Harif[3], L Hssissen[3], M Kbabri [3], A.A Bousfiha [1], I Benhssein

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[2] Hôpital universitaire Mohammed VI de Marrakech
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HLH is a serious complication of severe combined immunodeficiency Casablanca, Morocco

Bousfiha, alhaiba, Elbakkouri, A, Aadma, Z, AilalF, Bousfiha AA, I. Benhsaien

Department of Pediatric Infectious Diseases and Clinical Immunology, Children's Hospital, Ibn Rochd University Hospital, Casablanca, Morocco.

Définition et classification des différents déficits immunitaires dans le service de pédiatrie du CHU Mohammed VI d'Oujda

I. Toulaghman, H. Tkak, H. El Haddadi, M. Benhachem, A. Hamami, S. Anane, M. Azizi, H. Zahiri, A. Ghannam, A. El Ouali, A. Babakhouya, M. Rkain

Unité d'oncohématologie, Service de pédiatrie, CHU MOHAMMED VI OUJDA

Dysregulation in Antibody-Deficient Patients

Joud HAJJAR

Department of Pediatrics, Division of Immunology, Allergy and Retrovirology, BCM, Texas Children's Hospital

Innate errors of Immunity: A Study of a Cohort of 45 Children Followed at the Military Hospital Mohamed V in Rabat

H. Belmkadem, S. Babour, A. Radi, A. Laaraj, A. Ourrai, A. Hassani, A. Agadr, R. Abilkassem

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Pediatrics Department, Military Hospital Mohamed V, Rabat

العروض الشفهية و الجدارية المقبولة من طرف الجمعية المغربية لضمأ
Oral communications and posters accepted by MSPID

Biology session

لعروض الشفهية | الخميس 24 أبريل والسبت 26 أبريل
Oral Communication | April 24th and 26th

العنوان و الانتماء Title et Affiliation	الفهرس Contents

Study of vaccine strains in children vaccinated against pneumococcus in Mali

Fatoumata Kontao[1,2], Hilali Hamza[1], Ibrehima Guindo[2], Assiya El Kettani[1], Aadam Zahra[1], Ahmed Aziz Bousfiha[1]

1. Laboratory of Clinical Immunology, Infection and Autoimmunity-Université HassanII Faculty of Medicine and Pharmacy, Casablanca-Morocco.
2. National Institute of Public Health, BP: 1771, Hippodrome, Bamako-Mali

Prevalence of oral mycoses in patients with Primary Immunodeficiency (DIP): a three-year retrospective study at the Laboratory of Ibn Rochd University Hospital

Farahi O[1,2], Khedraouel M[1,2], Taib N[1,2], Soussi Abdallaoui M[1,2]

1. Parasitology and Mycology Laboratory, Ibn Rochd University Hospital Center of Casablanca
2. Hassan II University, Faculty of Medicine and Pharmacy of Casablanca

Clinical and laboratory characteristics of moroccan patients affected with selective IgA deficiency: a single-center observational study

Fatim Zahra Khalil*, Ghitamejber, Hajarfadili, Rania Talbi, Malaksnoussi, Abdelhamidzrara, Bamou Youssef, Jalila El Bakkouri

Laboratory of Clinical Biology, CheikhKhalifa International University Hospital, Casablanca, Morocco.
Mohammed VI national laboratory of medical analysis, Casablanca, Morocco. Faculty Of Medicine, Mohammed VI University of Sciences and Health, Casablanca, Morocco

Exploring complement deficiencies in Morocco: towards a better understanding of rare diseases

C. Oujane[1*] , H. Kalil[1], Z. Aadam[1], I. Benhsaien[1,2], J. Elbakkouri[1,3], A. A. Bousfiha[1,2],F. Ailal[1,2]

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2. Children Infectious and Clinical Immunology Department Casablanca Children's Hospital, Ibn Rochd University Hospital.
3. Immuno-serologyhospitallaboratory, Ibn Rochd University Hospital, Casablanca

Correlation between Genetic Mutations, Immune Phenotypes, and Clinical Manifestations in SCID Patients

Ahmed El Haiba[1,2], Ahmed Aziz Bousfiha[1,2], Fatima Ailal[1,2], Jalila El Bakkouri[1,3], Ibtihal Benhsaien[1,2]

1. Department of Infectious Immunology and Pediatric Clinical Care, Abderrahim HAROUCHI Hospital, Ibn Rochd University Hospital Center, Casablanca, Morocco.
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Correlation between IL-31/IL-13 level and disease severity in patients with atopic dermatitis

Sara Missaoui[1,2], Imane Abaari[1,2], Halima Kholaiq[1,2], Asmaagaadi[1,2], Khaoula Oussama[1,2], Zahra Adaam[1,2], Jalila El Bakkouri[1,2], Ahmed Aziz Bousfiha [1,2], Fouzia Hali [3]

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3. Dermatology department, CHU Ibn Rochd, Hassan II University, Faculty of Medicine and Pharmacy, Casablanca, Morocco.

Anti-nucleosome antibodies: a relevant immunological marker in seronegative lupus patients for native anti-DNA antibodies.

Imane El Ouafri[1] , Hamza Oualhadj[1], Raja Hazime [1], Brahim Admou[1,2]

1 Laboratoire d'immunologie, CRC, CHU Mohammed VI, Marrakech
2 Laboratoire de recherche en biosciences,FMPM, Université Cadi Ayyad, Marrakech

Application of the ISO 9001 standard: current status and improvement perspectives Pediatric immune deficiency unit, Morocco

Boukhaldi Jihad[1], Kechkar Hind[1], Bousfiha Ahmed Aziz[2,1], Elbakkouri Jalila[3,1]

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Characterization of associated microbiota of FLA isolated in Guadeloupe

Afaf Soummane[1,2,3 *], Ahmed Aziz Bousfiha[1], Elmostafa Mliji[2], Antoine Talarmin[3],Isabel Marcelino[3]

1 Faculté de Médecine et de Pharmacie de Casablanca-Université Hasan 2 Casablanca
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3 Institut Pasteur de la Guadeloupe

Profile of Lymphocyte Subpopulations in Patients with Primary Immunodeficiency Associated with HLA-CLASS II Expression Deficiency

M. Amime [1,2,4], S. Rachidi[1,2,4], S. Nossaoui[1,2,4], A. Drissi Bourhanbour [1,2,4] , A. Meftah [1,3,4,5,] J. El Bakkouri [1,2,4]

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5 Laboratory of Immuno-Genetics and Human Pathologies, Hassan II University, Faculty of Medicine and Pharmacy, Casablanca, Morocco

Diagnosis of Biermer's disease : Contribution of Anti-parietal cell and anti-intrinsic factor antibodies in association with vitamin B12 measurement

Hajar Imghi,Mariam Esarout,Abdelhamid Zrara, Jalila El Bakkouri

Medical Biology Resident, Immunology, HUICK, Casablanca, Morocco.
Mohammed VI National Laboratory of Medical Analysis, Casablanca, Morocco.
Biological Specialties, HUICK,Casablanca, Morocco

Programme de prévention des Infections Associées aux soins et son impact sur l'évolution des Infections Nosocomiales dans un Centre Hospitalier Universitaire

Ouhadous M[1], Arai M,Hassoune S[3], Elkettani A[4], Khaleq K[5]

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2. Institut Supérieur des Professions Infirmières et Techniques de Santé-Casablanca/CLIN, CHU Ibn Rochd de Casablanca.
3. Laboratoire d'Epidémiologie, Faculté de Médecine et de Pharmacie de Casablanca/CLIN, CHU Ibn Rochd de Casablanca.
4. Laboratoire de Bactériologie – Virologie et Hygiène/CLIN, CHU Ibn Rochd de Casablanca/CLIN, CHU Ibn Rochd de Casablanca
5. Service de Réanimation des urgences chirurgicales/ CLIN, CHU Ibn Rochd de Casablanca

Dynamique des Infections Respiratoires Virales Hautes après la Pandémie de COVID-19

M. Snoussi[1,2], H. Kholaiq[3], L. Seffar[1,2], I. Rhaleb[2], J. El Bakkouri[1,2,3]

1. Université Mohamed VI des Sciences et de la Santé, Casablanca
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Le déficit en CD25 : A propos de 3 cas

Y Bellarhrib[1], A Elamine[1,2], Z Aadam[1,2], A.a Bousfiha[1,2], J Elbakkouri[1,2], I Benhsaien, F Ailal[1,2]

1. Pediatric Infectious Diseases and Clinical Immunology Unit, Mother-Child Hospital Abderrahim HAROUCHI, Ibn Rochd University Hospital Center, Casablanca, Morocco
2. Clinical Immunology, Inflammation, and Allergy Laboratory (LICIA), Faculty of Medicine and Pharmacy, Hassan II University, Casablanca, Morocco

Application of the "Job/Demand/Resource" model to the analysis of stress levels among nursing staff in the pediatric primary immunodeficiency unit

Zariir Amal [1,2], Kamal Wifaq [3], Bousfiha Ahmed Aziz [1,4]

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Pathogenic variants of hereditary angioedema in three Moroccan patients

H. Kalil[1], C. Ouajane[1], Z. Aadam[1], I. Benhsaien[1,2], F. Ailal[1,2], J. Elbakkouri[1,3], A. A. Bousfiha[1,2], F. Adnane[1,2]

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3. Immunology and Serology Laboratory, Ibn RochdUniversity Hospital, Casablanca

In Silico Approaches for the Interpretation of Variants of Uncertain Significance in Inborn Errors of Immunity : A Literature Review

N. Akhrichi[1], A. Moundir [1], Z. Kasmi[1], C. Bitty[1], Z. Aadam[1], J. El Bakkouri[1,3], F. Ailal[1,2], A. A. Bousfiha[1,2], I. Benhsaien[1,2]

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Variation of HLA-DR Expression in Patients with HLA Class II Deficiency: A Retrospective Study at Ibn Rochd University Hospital.

S. Ait Benhamou[1,2,4]*, C. El Jebary[1,2,4], S.I. Darious[1,2,4], A. Meftah [1,3,4], A. Drissi Bourhanbour [1,2,4], J. El bakkouri [1,2,4]

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العروض الشفهية و الجدارية المقبولة من طرف الجمعية المغربية لضمأ
Oral communications and posters accepted by MSPID

Adult session

لعروض الشفهية | السبت 26 أبريل
Oral Communication | April 26th

العنوان و الانتماء Title et Affiliation	الفهرس Contents

Catastrophic APS: A Case Series Review

K. Arroubat*,A. Allaoui, O. Elbahhari, L. Zizi, D. Kabil, W. Antar, A. Naitlho

Cheikh Khalifa UniversityHospital, InternalMedicineDepartment Mohammed VI university of sciences and health - Casablanca, Morocco

Multifocal Tuberculosis in the Immunocompromised: About 30 Cases

H. Jamal, N. Zaghba, H. Harraz, W. Jalloul, K. Chaanoun, H. Benjelloun N. Yassine

Department of Respiratory Diseases, CHU Ibn Rochd, Casablanca

Dermatomyositis: A Single Entity, Mosaic Phenotypes

D. Kabil, A. Naitlho, O. Elbahhari, L. Zizi, K. Arroubat, W. Antar, R. Aniq Filali, A. Allaoui

Hôpital Universitaire Cheikh Khalifa Ibn Zaid, service de médecine interne Université Mohammed VI des Sciences et de la Santé (UM6SS), Casablanca, Morocco

Tuberculous Polyserositis: About 40 Cases

S. Madkour, N. Zaghba, H. Harraz, W. Jalloul, K. Chaanoun, H. Benjelloun, N. Yassine

RespiratoryDiseasesDepartment, CHU Ibn Rochd, Casablanca

Measles in Adults: Experience of Ibn Rochd University Hospital

H. Badi[1,2], H. Filali Mouncef[1], S. Nimubona[1], K. Marhoum El Filali[1,2]

InfectiousDiseasesDepartment, Ibn RochdUniversityHospital, Casablanca 2 Faculty of Medicine and Pharmacy, Hassan II University, Casablanca

Systemic Lupus Erythematosus and ChronicGranulomatousDisease

L. Mouftadi[1], L. Barakat[2], K. Echchilali[2], M. Moudatir[2], H. El Kabli[2], A. D. Bourhanbour[1], J. El Bakouri[3]

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Investigation around a SHE: Genetics to the rescue

S. ELBACHIRI[1,2], W. CHAWAD[1,2], R. SMAILI[1], N. DALHI[1], R. AITAMRAN[1], H .STITOU[1], M. BOURKIA[1,2]

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Syndrome de kartagener

Imane Elhamdani

Department of Respiratory Diseases, CHU Ibn Rochd, Casablanca

Vaccination of ImmunocompromisedIndividuals: A Survey on General Practitioners

Hasna Filali*, Ossama Nassar, Hanane Badi, Sanaa Jebbar, Ahd Ouladlahsen

Department of Infectious and Tropical Diseases, Ibn Rochd University Hospital of Casablanca

Respiratoryinvolvement in common variable immunodeficiency

N. Mounir*, W. Jalloul, H. Harraz, K. Chaanoun, H. Benjelloun, N. Zaghba, N. Yassine.

Department of Respiratory Diseases, CHU Ibn Rochd, Casablanca

Rituximab in the management of immunodysregulation in common variable immunodeficiency : a case-basedreview

W. Chawad, S. El Bachiri, I. Raaidi, Z. Mrika, R. Aitimrane, A. El Asfar, M. Bourkia

Department of Internal Medicine and Clinical Immunology, Mohammed VI University Hospital, Tangier, Morocco

E-Poster : Pediatrics session

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Seroprevalence of Autoantibodies Associated with Autoimmune Liver Diseases in Patients Previously Exposed to HBV or HIV

Bouheria Lamiaa[1*], Lamghari Hassan[3], Drissi Bourhanbour Asmaa[1,2], Et El Bakkouri Jalila[1,2]

1 Immunology Laboratory, CHU Ibn Rochd, Faculty of Medicine and Pharmacy, Hassan IIUniversity, Casablanca, Morocco
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Quelles mesures pour maîtriser le risque infectieux chez les enfants immunodéprimés ?

M. Arai[1,3,4], M. Ouhadous[2,3,4], Z. Zaimi[1,3], K. Khaleq[2,3]

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Infection à EBV révélant un syndrome d'hyper IgE

A. Naitobrah , Rania Lasry, F. Ailal, A A. Bousfiha, I. Benhsain

Service des maladies infectieuses et immunologie clinique pédiatriques Hôpital universitaire Mère-Enfant de Casablanca, Faculté de médecine et de pharmacie de Casablanca

PEC d'une tumeur cérébrale tératoïde rhabdoïde atypique révélée par une convulsion fébrile : À propos d'un cas

Ezzoubin, Oukkachb, Lamchahabm, Toughza J

Service d'hémato-oncologie pédiatrique, Hôpital Universitaire International Mohammed VI, Université Mohammed VI des Sciences et de la Santé, Casablanca, Maroc

Vascularite cutanée post-cytarabine : à propos d'une observation

Ezzoubin, Oukkachb, Lamchahabm, Toughza J

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CGD : 4 Family Cases - Impact of Consanguinity and the Importance of Genetic Counseling

H. Zahar[1*], I. Benhsaein[1,2], A. A. Bousfiha[1,2], F. Ailal[1,2]

1. Clinical Immunology, Infection and Auto-immunity Laboratory (LICIA), Faculty of Medicine and Pharmacy, Hassan II University, Casablanca, Morocco.
2. Department of Pediatric Infectious Diseases and Clinical Immunology, Children's Hospital, Ibn Rochd University Hospital, Casablanca, Morocco.

La cholangite sclérosante et le syndrome d'hyper IgM

A. Kroudo, I. Benhsaien, F. Ailal, A A. Bousfiha

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Application of the "Job/Demand/Resource" model to the analysis of stress levels among nursing staff in the pediatric primary immunodeficiency unit

Zariir Amal[1*], Pr Kamal Wifaq[2], Bousfiha Ahmed Aziz[3]

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The Role of Toll-like Receptor 2 in Genetic Susceptibility to Tuberculosis

أميمة أبوالفضل،[1] سعاد اقرقاو ، عبد الرحمن الرامي،[1] جليلة البكوري [2,1]عدنان القبلي،[1] أحمد عزيز بوصفيحة [1]

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Granulomateuse chronique septique avec DHR test subnormal

A. Boullouz[1], A. Dably[2], Z. Aadam[2], J. Elbakkouri[2], A.a Bousfiha[1,2], F. Ailal[1,2], I. Benhsaien[1,2]

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Pneumonie récidivante secondaire à un déficit immunitaire combiné chez un nourrisson de 14 mois.

A. Oumar Hassan, Y. Benechehab, R. Arrab, I. Ammari, N. Dini

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Non-typhoidal salmonella infection in MSMD: About 4 cases

D. Mbiyuku, K. Weyo, F. Ailal, AA. Bousfiha, I. Benhsaien

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A hyper-IGM syndrome (HIGM) revealing ataxia telangiectasia (AT)

L. Larda, I. Benhsain, F. Ailal, A. A. Bousfiha

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Activated PI3Kδ Syndrome (APDS): Pathogenesis, Immunological Impact, and Therapeutic Strategies: Literature Review

C. Bitty[1], Z. Aadam[1], N. Akhrichi, J. El Bakkouri[1,3], F. Ailal[1,2], A.A. Bousfiha[1,2], I. Benhsaien1,2

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3. Immunology Laboratory, Ibn Rochd University Hospital, Casablanca, Morocco

Syndrome d'Hyper-IgE et Molluscum Contagiosum Profus : Une Association Clinique à ne pas Méconnaître

O. Hnini, H. Tekak, M. Bellaoui, H. Elhaddadi, S. Anane, M. Azizi, A. Hamami, H. Zahiri, A. Ghanam, A. Elouali, A. Babakhouya, M. Rkain

Service de pédiatrie CHU Mohammed VI Oujda

De l'Hémolyse au Neurolupus : Une Présentation Inhabituelle chez une Adolescente

O. Hnini, H. Tekak, M. Bellaoui, H. Elhaddadi, S. Anane, M. Azizi, A. Hamami, H. Zahiri, A. Ghanam, A. Elouali, A. Babakhouya, M. Rkain

Service de pédiatrie CHU Mohammed VI Oujda

Déficit immunitaire sous-jacent à une intolérance aux protéines dibasiques : Un défi diagnostique

I. Toulaghman, H. Tkak, H. El Haddadi, M. Benhachem, A. Hamami, S. Anane, M. Azizi, H. Zahiri, A. Ghannam, A. El Ouali, A. Babakhouya, M. Rkain

Unité d'oncohématologie, Service de pédiatrie, CHU MOHAMMED VI OUJDA

L'ombre du Virus : Un drame familial face à l'Infection par l'EBV

J. ElMokhtari, H. Tkak, M. Azizi, H. EL haddadi, S. Anane, A. Hammami, H. Zahiri, A. El Ouali, A. Ghanam, A. Babakhouya, M. Rkain

Service de Pédiatrie CHU Mohammed VI d'Oujda

Déficit Immunitaire Acquis : Révélations Inattendues

J. ElMokhtari, H. Tkak, M. Azizi, A. Ghanam, A. Babakhouya, M. Rkain

Service de Pédiatrie CHU Mohammed VI d'Oujda

Syndrome de Wiskott Aldrich : à propos d'un cas.

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IVIG use: compliance with guidelines.

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The prevalence of Cytomegalovirus infections in patients with severe combined immunodeficiency (SCID) : 38 cases at the Abderrahim El harrouchi Mother-Child Hospital Morocco

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Immunological Challenges: HLH as an Unexpected Ally in Visceral Leishmaniasis

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Gut Microbiome Dysbiosis In Primary Immunodeficiency: Implications FordiseaseProgression AndManagement

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فائدة العالمات الكيميائية الحيوية في تشخيص التهاب السحايا لدى اأألطفال

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The role of the CD40-CD40L axis in the pathogenesis of autoimmune diseases.

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Profil immunoclinique des anticorps anti centromères A et B

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Interest of Multiplex PCR in Infections Among Patients with Primary Immunodeficiency

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Evolution de la prévalence des Infections Associées aux Soins dans un Centre Hospitalier Universitaire au cours de la pandémie COVID-19.

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Crypto-tuberculous meningitis in an immunosuppressed lupus Patient: a rare dual opportunistic infection.

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Les déficits immunitaires primitifs à révélation tardive

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