Pediatric Dermatology
Dr. Javier del Boz.
Hospital Costa del sol, Marbella
Pearls: Diagnostic and Therapeutics

- Pediatric Dermatology Pearls (Dr. Asch)

  Scabies in babies

  - Early eruption often localized
    - Scabies burrows typically located on head, neck, palms, and soles
    - Few excoriations
    - Examination and scraping of infested infants usually diagnostic

  - Delay in diagnosis
    - Superficial skin infections, including bullous impetigo, ecthyma, and cellulitis, as well as poststreptococcal glomerulonephritis, leukocytoclastic vasculitis, irritability, and failure to thrive
    - Risk of intellectual disability

  - No FDA-approved drugs for infants younger than 2 months:
    - Permethrin (safety)
Pearls: Diagnostic and Therapeutics

- **Pediatric Dermatology Pearls** (Dr. Asch)
  
  **(Warm) wet wraps**
  
  - As part of the wet wrap regimen, proposition: warming damp cotton pajamas in the dryer (5-10 minutes) before application
  
  - This makes the wet wraps more comfortable for children, increasing adherence to the prescribed regimen
Atopic Dermatitis

• Pathogenesis – the Immune System and Relevance to Targeted Therapeutics (Dr. Guttman)
  • The AD phenotype cannot be explained by a single cytokine pathway
  • Th2 axis activation
    • Crisaborole (Inh PDE4)
    • Dupilumab (Anti-IL4&13)
    • Lebrikizumab (Anti-IL13)
    • Nemolizumab (Anti-IL31)
    • ILV-094 (Anti-IL22)
    • Topical tofacitinib (JAK inh)
    • Oral upadacitinib (JAK inh)
    • GBR 830 (Inh OX40&NK1)
New emerging therapies

- **Cutaneous Infectious Diseases (Dr. rosen)**
  - **Ozenoxacino (Xepi®):**
    - Approved by FDA (Dec 2017) for impetigo
    - 1% Oinment
    - Dosed: BID x 5days
    - Wide spectrum activity against relevant Gram+ microbes including MSSA, MRSA, mupirocina and ciprofloxacin resistant Staphyloccci, Strept. Pyogenes
    - Superior to placebo and non-inferior to retapamulin
    - Two international studies (n=875), age≥2months
    - Importance: High level resistance to mupirocin reported worldwide (China, France, India, USA...)
Poster 5939

- Screening Guidelines for Thyroid Function in Children with Alopecia Areata (Dr. Patel)

- 298 children with AA & thyroid function screening

- Thyroid abnormalities in 59 (19.8%)

- No significant association with age, duration of disease, pattern of alopecia and diagnosis of autoimmune diseases

- Screening recommendations:
  - Personal history of Atopy / Down syndrome
  - Family history of thyroid disease
  - Concerning features of physical exam such as goiter, constipation, cold intolerance or in the patient’s history such as desviation of the growth chart

- Initial tests: TSH and free T4. If either results are abnormal, obtain TOP-Abs or Tg-Abs