Systemic Treatment in Dermatology
Evidence-based evaluation and practical use
Residents Course | 29-31 August 2024 | Toulouse, France

Course description
The systemic treatments in Dermatology course provides with an advanced knowledge of the systemic treatments available for the different fields of medical dermatology including immune-dermatology, skin cancers and general dermatology. Course participants will be exposed to the principles of evidence-based medicine, clinical pharmacology, and drug-development. The course will be interactive including critical literature review and case-based learning. Each course participant will be asked to bring one or more difficult to treat patient-case from their clinic for group presentation and discussion.

Learning Objectives
1. Master the principles of evidence-based medicine and critical literature review,
2. Be familiar with the systemic treatments available in medical dermatology and their efficacy and safety,
3. Develop the skills to select the best treatment in the most frequent clinical situations in collaboration with peers and patients.

Faculty
Chairs: Carle Paul, Marie-Aleth Richard
Speakers: Cristina Livideanu, Lluis Puig, Jason Shourick, Vincent Sibaud

Programme
Thursday, 29 August 2024
09:00-10:00 Systemic treatments: the methodological toolbox
    Introductory lecture: the drug evaluation process, basic pharmacological knowledge, drug metabolism and PK-PD relationship
    Carle Paul
10:00-10:45 Systemic treatment in Dermatology
    Evaluation of efficacy: randomized controlled trials and outcome measurement (severity, signs, quality of life, COMET initiative, COSMIN checklist)
    Jason Shourick
10:45-11:00 Coffee Break
11:00-12:00 Systemic treatments in Dermatology
    Evaluation of safety: randomized controlled trials, observational studies, pharmacovigilance
    Jason Shourick
12:00-12:30 Systematic reviews and treatment guidelines: can they be trusted?
    Carle Paul
12:30-13:30 Lunch Break
13:30-14:00 Retinoids, azathioprine, mycophenolate
    Marie-Aleth Richard
14:00-14:45 Methotrexate, cyclosporine, JAK inhibitors
    Carle Paul
14:45-15:30  Antimalarials, dapsone and orphan drugs in Dermatology  
Cristina Livideanu

15:30-15:45  Coffee Break

15:45-16:15  Antifungals and antibiotics  
Carle Paul

16:15-18:15  Case presentations from residents  
Lluis Puig

**Friday, 30 August 2024**

09:00-09:30  Biological agents for psoriasis  
Lluis Puig

09:30-10:00  Biological agents for AD and prurigo nodularis  
Carle Paul

10:00-10:30  Biological agents for Hidradenitis suppurativa and auto inflammatory diseases  
Marie-Aleth Richard

10:30-11:00  Coffee Break

11:00-11:30  Biological agents for auto-immune diseases  
Cristina Livideanu

11:30-12:30  Cancer targeted therapy  
Vincent Sibaud

12:30-13:30  Lunch Break

13:30-14:15  Managing skin adverse reactions to anti-cancer therapy  
Vincent Sibaud

14:15-15:45  Managing skin adverse reaction to biological agents  
Marie-Aleth Richard

15:45-16:00  Coffee Break

16:00-18:00  Group work on selected cases presented by the participants and recent literature articles on drug trials during interactive workshops: trainees will form groups of 2 to 4 participants and will have to critically assess individual clinical cases and articles reporting drug trials and document their treatment choice based on the available evidence. Mentors will be allocated to each group to help them preparing a short presentation to be delivered back to the group during a plenary session.

20:00-22:00  Networking Dinner with Faculty and Participants

**Saturday, 31 August 2024**

09:00-12:00  Plenary session: interactive presentation on cases and literature articles

12:00-13:00  Lunch Break

13:00-14:00  A multiple choice questionnaire will be performed before and after the course to assess changes in knowledge and Farewell

The programme might be subject to changes.

**EADV Headquarters**

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