

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, Lluís 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
Lluís Puig

Friday, 30 August 2024

- 09:00-09:30 Biological agents for psoriasis
Lluís 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.

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