

Thu 27 Apr
12:00 - 13:30 | **Registration**
Other

Thu 27 Apr
13:30 - 14:00 | **Welcome Address**
Auditorium - Plenary Other

13:30 **Welcome Address**
Patrizia Bonadonna (Italy), Gianenrico Senna (Italy), Lene Heise Garvey (Denmark), Stefano Del Giacco (Italy), Mohamed Shamji (United Kingdom)

Thu 27 Apr
14:00 - 14:30 | **Opening Lecture**
Auditorium - Plenary Session

Chair : Antonino Romano (Italy)

14:00 **Drug hypersensitivity: its place in allergy and in medicine, its challenge, its future**
Knut Brockow (Germany)

Thu 27 Apr
14:30 - 16:00 | **Session 1 - Immediate drug hypersensitivity**
Auditorium - Plenary Session

Chair : Knut Brockow (Germany), Mauro Pagani (Italy)

14:30 **Fake antigens: the true cause of drug induced anaphylaxis**
Werner Pichler (Switzerland)

15:00 **Anaphylaxis to drugs at first sight: where, how and to what does sensitization occur?**
Uta Jappe (Germany)

15:30 **Triggers and treatment of anaphylaxis to drugs - findings from the European network**
Kathrin Scherer Hofmeier (Switzerland)

Thu 27 Apr
16:00 - 16:30 | **Coffee break**
Loggiata Coffee break

Thu 27 Apr
16:30 - 17:30

Poster Discussion Session I

Buvette Poster

Thu 27 Apr
17:30 - 19:00

Session 2 - Clinical approach of drug allergy

Auditorium - Plenary Session

Chair : Patrizia Bonadonna (Italy), Beatrice Maria Bilò (Italy)

17:30 **Does drug hypersensitivity last forever?**

Maria Jose Torres (Spain)

17:55 **Update on anaphylaxis to chemotherapy: symptoms and prevention**

Mauro Pagani (Italy)

18:20 **Update on desensitisation and need for provocation in hypersensitivity to molecules used for chemotherapy**

Ricardo Madrigal-Burgaleta (Spain)

18:45 **OAS 04**

Thu 27 Apr
17:30 - 19:00

Session 2 - Basic Science: Pathomechanism of delayed reactions

Polifunzionale Session

Chair : Werner Pichler (Switzerland), Riichiro Abe (Japan)

17:30 **Carbamazepine hypersensitivity reactions: structural insights and animal models**

Shuen-iu Hung (Taiwan)

17:55 **Analysis of drug reactivity in SCARs: single-cell RNA sequencing**

Doyoung Kim (Korea, Republic of)

18:20 **OAS 01**

18:35 **OAS 02**

18:50 **OAS 03**

Thu 27 Apr
19:15 - 21:00

Welcome Reception

Other

19:15 Welcome session - Auditorium

19:45 Welcome cocktail - Buvette

 Friday 28 April

DHM 2023

Fri 28 Apr
07:30 - 08:15

Session 3 - Breakfast seminar: Meet the Expert 1

Auditorium - Plenary Session

07:30 Reactions to vaccines including COVID-19
Giovanna Zanoni (Italy)

Fri 28 Apr
07:30 - 08:15

Session 3 - Breakfast seminar: Meet the Expert 2

Polifunzionale Session

07:30 Clinical approach to hypersensitivity reactions to intravenous iron preparations
Esther Steveling (Switzerland)

Fri 28 Apr
07:30 - 08:15

Session 3 - Breakfast seminar: Meet the Expert 3

Convegni Session

07:30 Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) hypersensitivity reactions
Beatrice Maria Bilò (Italy)

Fri 28 Apr
08:30 - 09:30

Session 10 - Pro/Con Debate

Auditorium - Plenary Session

Chair : Knut Brockow (Germany)

08:30 **Is premedication required for radio contrast media hypersensitivity? - Pro**

Paul Greenberger (United States of America)

08:45 **Is premedication required for radio contrast media hypersensitivity? - Con**

Kathrin Scherer Hofmeier (Switzerland)

09:00 **Penicillin challenge without prior testing - Pro**

Kimberly Blumenthal (United States of America)

09:15 **Penicillin challenge without prior testing - Con**

Maria Jose Torres (Spain)

Fri 28 Apr
09:30 - 11:00

Session 5 - Severe Drug Hypersensitivity Reactions

Auditorium - Plenary Session

Chair : Annick BARBAUD (France), Mohamed Shamji (United Kingdom)

09:30 **Severity score of DRESS/DIHS: a useful tool for assessing disease severity and predicting fatal outcome**

Yoshiko Mizukawa (Japan)

09:55 **Severe Cutaneous Adverse Reactions (SCARs) to anticonvulsants**

Andreas Bircher (Switzerland)

10:20 **MPE, DRESS or SJS to the same drug in different patients: Which factors drive the clinical manifestations of hypersensitivity reactions?**

Elizabeth Phillips (United States of America)

10:45 **OAS05**

Fri 28 Apr
11:00 - 11:30

Coffee break

Loggiata Coffee break

Fri 28 Apr
11:30 - 13:00

Session 6 - Management of patients with Clonal Mast cell Disease and drug allergy (clinical approach)

Auditorium - Plenary Session

Chair : Patrizia Bonadonna (Italy), Roberta Zanotti (Italy)

- 11:30 **When to suspect Clonal Mast cell disorder?**
Massimiliano Bonifacio (Italy)
-
- 11:55 **Considerations on general anaesthesia in patients with mastocytosis**
Lene Heise Garvey (Denmark)
-
- 12:20 **Mastocytosis and drug allergy in children**
Karin Hartmann (Switzerland)
-
- 12:45 **OAS06**
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Fri 28 Apr
11:30 - 13:00

Session 6 - New technologies in drug hypersensitivity (basic science)

Polifunzionale Session

Chair : Elizabeth Phillips (United States of America)

- 11:30 **Use of new technological platforms in investigating the pathogenesis of drug hypersensitivity**
Chonlaphat Sukasem (Thailand)
-
- 11:55 **Imaging diagnosis of early stage of SJS/TEN using artificial intelligence**
Riichiro Abe (Japan)
-
- 12:20 **Nanotechnology- mimicking protein for IgE determination**
Maribel Montanez (Spain)
-
- 12:45 **OAS07**
-

Fri 28 Apr
13:00 - 14:00

Lunch and Poster Discussion Session II

Buvette Poster

Fri 28 Apr
14:00 - 15:30

Session 7 - Immunology beyond drug allergy

Auditorium - Plenary Session

Chair : Dean Naisbitt (United Kingdom), Cristobalina Mayorga (Spain)

14:00 **Risk T cell hybridomas with drug specific TCR: tools for mechanistic insights and risk assessment**
Daniel Yerly (Switzerland)

14:30 **Possible tolerance mechanism in drug hypersensitivity**
Montserrat Puig (United States of America)

15:00 **The role of checkpoint inhibitors in drug hypersensitivity**
Dean Naisbitt (United Kingdom)

Fri 28 Apr
15:30 - 16:00

Coffee break

Loggiata Coffee break

Fri 28 Apr
16:00 - 18:00

Session 8 - Delayed hypersensitivity reactions (clinical approach)

Auditorium - Plenary Session dpc

Chair : Patrizia Bonadonna (Italy), Lene Heise Garvey (Denmark)

16:00 **How to perform provocation test in delayed drug allergy?**
Annick BARBAUD (France)

16:30 **Accelerated diagnosis in Drug Allergy (AiDA) using a cytokine-based lymphocyte transformation test**
Oliver Hausmann (Switzerland)

17:00 **DRESS and Multiple Drug Hypersensitivity: clinical signs and T cell/cytokine reactivity**
Lukas Jörg (Switzerland)

17:30 **OAS 08**

Fri 28 Apr
16:00 - 18:00

Session 8 - New approaches in Drug Hypersensitivity

Polifunzionale Session

Chair : Mauro Pagani (Italy), Alessandra Arcolaci (Italy)

16:00 **Biologicals for treatment of SJS/TEN**
Chung Wen Hung (Taiwan)

16:30 **Use of anti-IL-5/anti IL-5R in DRESS**
Marie-Charlotte Brügggen (Switzerland)

17:00 **New in-vitro approaches for immediate hypersensitivity**
Cristobalina Mayorga (Spain)

17:30 **OAS 09**

 Saturday 29 April

DHM 2023

Sat 29 Apr
07:30 - 08:15

Session 9 - Breakfast seminar: Meet the Expert 1

Auditorium - Plenary Session

07:30 **"Treating through" in drug hypersensitivity**
Axel Trautmann (Germany)

Sat 29 Apr
07:30 - 08:15

Session 9 - Breakfast seminar: Meet the Expert 2

Polifunzionale Session

07:30 **Management of hypersensitivity to biologicals: diagnosis and prevention**
Alessandra Vultaggio (Italy)

Sat 29 Apr
07:30 - 08:15

Session 9 - Breakfast seminar: Meet the Expert 3

Convegni Session

07:30 **Desensitization to antibiotics in targeted populations: children, cystic fibrosis, neutropenic patients**
Josefina Cernadas Rodrigues (Portugal)

Sat 29 Apr
08:30 - 09:30

Session 10 - Clinical Case 1

Auditorium - Plenary Session

08:30 **Hypersensitivity reactions to Proton Pump Inhibitors: diagnostic accuracy of skin and oral provocation test**

Carla Lombardo (Italy)

Sat 29 Apr
08:30 - 09:30

Session 10 - Clinical Case 2

Polifunzionale Session

08:30 **Perioperative allergy – what to suggest when skin tests are negative?**

Lene Heise Garvey (Denmark)

Sat 29 Apr
09:30 - 11:00

Session 11 - Role of the MRGPRX2 receptor for immediate non allergic drug hypersensitivity reactions

Auditorium - Plenary Session

Chair : Patrizia Bonadonna (Italy), Didier Ebo (Belgium)

09:30 **MRGPRX2 occupancy on mast cells**

Mateusz Kwitniewski (Poland)

09:55 **MRGPRX2: Basophils versus mast cells**

Jessy Elst (Belgium)

10:20 **MRGPRX2: physiological action and role of the polymorphism in drug reactions**

Grzegorz Porebski (Poland)

10:45 **OAS 10**

Sat 29 Apr
11:00 - 11:30

Coffee break

Loggiata Coffee break

Sat 29 Apr
11:30 - 13:00

Session 12 - Drug allergy in children (clinical approach)

Auditorium - Plenary Session

Chair : Marina Atanaskovic-Markovic (Serbia), Beatrice Maria Bilò (Italy)

11:30 **Penicillin allergy delabelling in children**

Jean-Christoph Caubet (Switzerland)

11:55 **NSAIDs hypersensitivity reactions in children?**

Francesca Mori (Italy)

12:20 **Hypersensitivity reactions to antiepileptic drugs in children**

Marina Atanaskovic-Markovic (Serbia)

12:45 **OAS 11**

Sat 29 Apr
11:30 - 13:00

Session 12 - From recent knowledge on pathomechanisms to the bedside (basic science)

Polifunzionale Session

Chair : Riichiro Abe (Japan), Werner Pichler (Switzerland)

11:30 **Novel mechanism of keratinocyte death in SJS/TEN**

Youichi Ogawa (Japan)

11:55 **Flow-based allergen testing: can mast cells beat basophils?**

Didier Ebo (Belgium)

12:20 **Pharmacogenetic and immunogenetic risk assessment in pharmaceutical studies and daily clinic: where do we stand now?**

Munir Pirmohamed (United Kingdom)

12:45 **OAS 12**

Sat 29 Apr
13:00 - 13:15

Closing and Prize Giving Ceremony

Auditorium - Plenary Other

13:00 **Closing and Prize Giving Ceremony**

Patrizia Bonadonna (Italy), Gianenrico Senna (Italy), Lene Heise Garvey (Denmark), Stefano Del Giacco (Italy), Mohamed Shamji (United Kingdom)