



# DHM 2020

2 - 4 April 2020

Verona, Italy

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## DHM 2020, Drug Hypersensitivity Meeting

2 - 4 April 2020

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### Scientific Programme

#### Thursday, 2 April 2020

12:00 - 13:30	Foyer <b>Registration</b>	
13:30 - 14:00	Room: Auditorium - Plenary Room <b>Welcome Address</b> <i>Patrizia Bonadonna, Italy   Gianenrico Senna, Italy   Ingrid Terrehorst, The Netherlands</i>	
14:00 - 14:30	Room: Auditorium - Plenary Room <b>Opening Lecture</b> <ul style="list-style-type: none"> <li><b>Drug hypersensitivity: its place in allergy and in medicine, its challenge, its future</b> <i>Knut Brockow, Germany</i></li> </ul>	
14:30 - 16:00	Room: Auditorium - Plenary Room <b>Session 1 - Immediate drug hypersensitivity</b> <i>Chair: Knut Brockow, Germany   Mauro Pagani, Italy</i>	
14:30 - 15:00	<ul style="list-style-type: none"> <li><b>Important but neglected facts on IgE-mediated drug allergy</b> <i>Werner J. Pichler, Switzerland</i></li> </ul>	
15:00 - 15:30	<ul style="list-style-type: none"> <li><b>Allergic and non allergic drug reactions: do they have something in common?</b> <i>Francesca Levi-Schaffer, Israel</i></li> </ul>	
15:30 - 16:00	<ul style="list-style-type: none"> <li><b>Anaphylaxis to drugs at first sight: where, how and to what sensitizations occur?</b> <i>Uta Jappe, Germany</i></li> </ul>	
16:00 - 16:30	Coffee break - Room: Loggiata - Exhibition, Catering	
16:30 - 18:00	Room: Auditorium - Plenary <b>Session 2 - Clinical approach of drug allergy</b> <i>Chairs:   Maria Beatrice Bilò, Italy</i>	Room: Polifunzionale - Break-out 1 <b>Session 2 - Basic Science: Pathomechanism of delayed reactions</b> <i>Chair: Werner J. Pichler, Switzerland   Riichiro Abe, Japan</i>
16:30 - 16:55	<ul style="list-style-type: none"> <li><b>How long drug hypersensitivity last forever?</b> <i>Maria J. Torres, Spain</i></li> </ul>	<ul style="list-style-type: none"> <li><b>Carbamazepin hypersensitivity reactions: structural insight and animal model</b> <i>Shuen-Lu Hung, Taiwan</i></li> </ul>
16:55 - 17:20	<ul style="list-style-type: none"> <li><b>Update on anaphylaxis to chemotherapy: symptoms and prevention</b> <i>Mauro Pagani, Italy</i></li> </ul>	<ul style="list-style-type: none"> <li><b>Tolerance to drugs: natural mechanism and induced tolerance</b> <i>Dean Naisbitt, United Kingdom</i></li> </ul>

17:20 - 17:45	<ul style="list-style-type: none"> <li>• <b>Update on desensitisation in allergic and non-allergic drug hypersensitivity reactions and its pitfalls</b> <i>Mariana Castells, United States</i></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Analysis of drug reactivity in SCARs: single-cell RNA sequencing</b> <i>Doyoung Kim, South Korea</i></li> </ul>
17:45 - 18:00	<ul style="list-style-type: none"> <li>• <b>OP01 -</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>OP02 -</b></li> </ul>

<b>18:00 – 19:30</b>	Room: <i>Buvette</i> - Poster Viewing <b>Poster Discussion Session I</b>
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<b>19:30 – 20:30</b>	<b>Welcome Reception</b> <i>Padova Hospital Orchestra Asclepio Ensemble</i>
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## Friday, 3 April 2020

<b>07:30 - 08:15</b>	Room: Auditorium - Plenary <b>Session 3 - Breakfast seminar: Meet the Expert 1</b>  <b>Reactions to vaccine</b> <i>Giovanna Zanoni, Italy</i>	Room: Polifunzionale - Break-out 1 <b>Session 3 - Breakfast seminar: Meet the Expert 2</b>  <b>Clinical approach to hypersensitivity reactions to intravenous iron preparations</b> <i>Esther Steveling, Switzerland</i>	Room: Covegni - Break-out 2 <b>Session 3 - Breakfast seminar: Meet the Expert 3</b>  <b>Non-Steroidal Anti-Inflammatory Drugs (NSAIDs) hypersensitivity reactions</b>
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<b>08:30 - 09:30</b>	Room: Auditorium - Plenary <b>Session 4 - Clinical Case 1</b> Hypersensitivity reactions to Proton Pump Inhibitors: diagnostic accuracy of skin and oral provocation test <i>Carla Lombardo, Italy</i>	Room: Polifunzionale - Break-out 1 <b>Session 4 - Clinical Case 2</b> How to manage local anaesthetic reactions: suggestions about delayed vs immediate reactions management <i>Lene Heise Garvey, Denmark</i>
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<b>09:30 - 11:00</b>	Room: <b>Session 5 - Severe Drug Hypersensitivity Reactions</b> <i>Chair: Annick Barbaud, France   Maria J. Torres, Spain</i>
09:30 - 09:55	<ul style="list-style-type: none"> <li>• <b>Severity score of DRESS/DIHS: a useful tool for assessing disease severity and predicting fatal outcome</b> <i>Yoshiko Mizukawa, Japan</i></li> </ul>
09:55 - 10:20	<ul style="list-style-type: none"> <li>• <b>Risk of SJS and TEN related to the new antiepileptic drugs</b> <i>Andreas Bircher, Switzerland</i></li> </ul>
10:20 – 10:45	<ul style="list-style-type: none"> <li>• <b>DRESS or SJS to the same drug: what make the difference in clinical manifestation?</b> <i>Elizabeth Phillips, United States</i></li> </ul>
10:45 – 11:00	<ul style="list-style-type: none"> <li>• <b>OP03 -</b></li> </ul>

<b>11:00 - 11:30</b>	<b>Coffee break</b> - Room: <i>Loggiata</i> - Exhibition, Catering
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<b>11:30 - 13:00</b>	Room: Auditorium - Plenary <b>Session 6 - Management of patients with Clonal Mastcell Disease and drug allergy (clinical approach)</b> <i>Chairs: Roberta Zanotti, Italy   Mariana Castells, United States</i>	Room: Polifunzionale - Break-out 1 <b>Session 6 - New technologies in drug hypersensitivity (basic science)</b>  <i>Chair: Andreas Bircher, Switzerland   Elizabeth Phillips, United States</i>
11:30 - 11:55	<ul style="list-style-type: none"> <li>• <b>When to suspect Clonal Mastcell disease?</b> <i>Massimiliano Bonifacio, Italy</i></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Use of new technological platforms in investigating the pathogenesis of drug hypersensitivity</b></li> </ul>

11:55 - 12:20	<ul style="list-style-type: none"> <li>• <b>How to perform general anaesthesia in patients with mastocytosis?</b> <i>Lene Heise Garvey, Denmark</i></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Imaging diagnosis of early stage of SJS/TEN using artificial intelligence</b> <i>Riichiro Abe, Japan</i></li> </ul>
12:20 - 12:45	<ul style="list-style-type: none"> <li>• <b>Mastocytosis and drug allergy in children</b> <i>Karin Hartmann, Switzerland</i></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Nanotechnology- mimicking protein for IgE determination</b> <i>Maria Isabel Montanez, Spain</i></li> </ul>
12:45 - 13:00	<ul style="list-style-type: none"> <li>• <b>OP04 -</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>OP05 -</b></li> </ul>

<b>13:00 - 14:00</b>	<b>Room: Buvette - Poster Viewing</b> <b>Lunch and Poster Discussion Session II</b>
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<b>14:00 - 15:30</b>	<b>Room:</b> <b>Session 7 - Immunology beyond drug allergy</b> <i>Chair: Dean Naisbitt, United Kingdom   Cristobalina Mayorga, Spain</i>
14:00 - 14:30	<ul style="list-style-type: none"> <li>• <b>Possible tolerance mechanism in drug hypersensitivity</b> <i>Michael A. Norcross, United States</i></li> </ul>
14:30 - 15:00	<ul style="list-style-type: none"> <li>• <b>Risk T cell hybridomas with drug specific TCR: tools for mechanistic insights and risk assessment</b> <i>Daniel Yerly, Switzerland</i></li> </ul>
15:00 - 15:30	<ul style="list-style-type: none"> <li>• <b>Does the use of check point inhibitors increase incidence and severity of hypersensitivity reactions to drugs?</b></li> </ul>

<b>15:30 - 16:00</b>	<b>Coffee break - Room: Loggiata - Exhibition, Catering</b>
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<b>16:00 - 18:00</b>	<b>Room: Auditorium - Plenary</b> <b>Session 8 - Delayed hypersensitivity reactions (clinical approach)</b> <i>Chairs: Patrizia Bonadonna, Italy   Ingrid Terrehorst, The Netherlands</i>	<b>Room: Polifunzionale - Break-out 1</b> <b>Session 8 - New therapeutic approaches in DH</b> <i>Chair: Mariana Castells, United States  </i>
16:00 - 16:25	<ul style="list-style-type: none"> <li>• <b>Provocation test in delayed drug allergy?</b> <i>Annick Barbaud, France</i></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Biologicals for treatment of SJS/TEN</b> <i>Chung Wen Hung, Taiwan</i></li> </ul>
16:25 - 16:55	<ul style="list-style-type: none"> <li>• <b>Lymphocyte transformation test – correlation with clinical symptoms/signs</b> <i>Oliver Hausmann, Switzerland</i></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Use of anti-IL-5/anti IL-5R in DRESS</b> <i>James Yun, Australia</i></li> </ul>
16:55 - 17:20	<ul style="list-style-type: none"> <li>• <b>Unusual and/or rapid clinical manifestations of delayed hypersensitivity</b> <i>Lukas Joerg, Switzerland</i></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Biomarkers of drug hypersensitivity: latest information on duplication and triplication of <math>\alpha</math> and <math>\beta</math> trypsin genes</b> <i>Jonathan Lyons, United States</i></li> </ul>
17:20 - 17:45	<ul style="list-style-type: none"> <li>• <b>OP06 -</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>OP07 -</b></li> </ul>

## Saturday, 4 April 2020

<b>07:30 - 08:15</b>	<b>Room: Auditorium - Plenary</b> <b>Session 9 - Breakfast seminar: Meet the Expert 1</b>  <b>“Treating through” in drug hypersensitivity</b> <i>Axel Trautmann, Germany</i>	<b>Room: Polifunzionale - Break-out 1</b> <b>Session 9 - Breakfast seminar: Meet the Expert 2</b>  <b>Management of biological hypersensitivity: diagnosis and prevention</b> <i>Alessandra Vultaggio, Italy</i>	<b>Room: Covegni - Break-out 2</b> <b>Session 9 - Breakfast seminar: Meet the Expert 3</b>  <b>Desensitization to antibiotics in targeted populations: children, cystic fibrosis, neutropenic patients</b> <i>Josephina Cernadas Rodriguez, Portugal</i>
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<b>08:30 - 09:30</b>	Room: Auditorium - Plenary <b>Session 10 - Pro/Con Debate</b> Chair:
08:30 - 09:00	<b>Is premedication required for radio contrast media hypersensitivity?</b> Pro: <i>Paul Greenberger, United States</i> Con:
09:00 – 09:30	<b>Penicillin challenge without prior testing</b> Pro: <i>Kimberly Blumenthal, United States</i> Con: <i>Anca Mirela Chiriac, France</i>

<b>09:30 - 11:00</b>	Room: Auditorium - Plenary <b>Session 11 - Role of the MRGPRX2 receptor for immediate non allergic drug hypersensitivity reactions</b> Chair: <i>Mariana Castells, United States   Didier Ebo, Belgium</i>
09:30 - 09:55	<ul style="list-style-type: none"> <li>• <b>MRGPRX2 occupancy on mast cells</b></li> </ul>
09:55 - 10:20	<ul style="list-style-type: none"> <li>• <b>Basophils versus mast cells: details from MRGPRX2</b> <i>Vito Sabato, Belgium</i></li> </ul>
10:20 – 10:45	<ul style="list-style-type: none"> <li>• <b>MRGPRX2: physiological action and role of the polymorphism in drug reactions</b> <i>Grzegorz Porebski, Poland</i></li> </ul>
10:45 – 11:00	<ul style="list-style-type: none"> <li>• <b>OP08 -</b></li> </ul>

<b>11:00 - 11:30</b>	<b>Coffee break - Room: Loggiata - Exhibition, Catering</b>
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<b>11:30 - 13:00</b>	Room: Auditorium - Plenary <b>Session 12 - Drug allergy in children (clinical approach)</b> Chairs: <i>Marina Atanaskovic-Markovic, Serbia   Ingrid Terrehorst, The Netherlands</i>	Room: Polifunzionale - Break-out 1 <b>Session 12 - From recent knowledge on pathomechanisms to the bedside (basic science)</b> Chair: <i>  Werner Pichler, Switzerland</i>
11:30 - 11:55	<ul style="list-style-type: none"> <li>• <b>Penicillin allergy delabelling in children</b> <i>David Vylesi, USA</i></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Novel mechanism of keratinocyte death in SJS/TEN</b> <i>Youchi Ogawa, Japan</i></li> </ul>
11:55 - 12:20	<ul style="list-style-type: none"> <li>• <b>NSAIDs hypersensitivity reactions in children?</b> <i>Francesca Mori, Italy</i></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Off target occupation and IDHR: the mouse-man paradigm</b> <i>Didier Ebo, Belgium</i></li> </ul>
12:20 - 12:45	<ul style="list-style-type: none"> <li>• <b>Hypersensitivity reactions to antiepileptic drugs in children</b> <i>Jean-Christoph Caubet, Switzerland</i></li> </ul>	<ul style="list-style-type: none"> <li>• <b>Pharmacogenetic and immunogenetic risk assessment in pharmaceutical studies and daily clinic: where do we stand now?</b> <i>Munir Pirmohamed, United Kingdom</i></li> </ul>
12:45 - 13:00	<ul style="list-style-type: none"> <li>• <b>OP09 -</b></li> </ul>	<ul style="list-style-type: none"> <li>• <b>OP10 -</b></li> </ul>

<b>13:00 - 13:15</b>	Forum <b>Closing and Prize Giving Ceremony</b> <i>Patrizia Bonadonna, Italy   Gianenrico Senna, Italy   Ingrid Terrehorst, The Netherlands</i>
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