



22th ESPACOMP conference - Dublin, Ireland  
(European Society for Patient Adherence, COMpliance and Persistence)  
THURSDAY, NOVEMBER 29TH TO SATURDAY, DECEMBER 1ST, 2018

## ESPACOMP SCIENTIFIC MEETING PROGRAM

### THURSDAY NOVEMBER 29

#### PRE CONFERENCES

**9:00-17:00**

**Workshop 2: Implementation science strategies**

Leah Zullig, Byron Powell, Liset van Dijk, Bart Van den Bemt

**9:00-17:00**

**Workshop 3: Data analysis of adherence data**

Alexandra Dima, Samuel Allemann, Isabella Locatelli, Bernard Vrijens, Ira Wilson

## ESPACOMP SCIENTIFIC MEETING PROGRAM

### THURSDAY NOVEMBER 29

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| 17:30-18:00 | <b>Doors open</b>  |
| 18:00-18:20 | <b><u>Welcome Word</u></b><br><br><i>ESPACOMP representative executive board:</i><br><b>Dyfrig Hughes</b><br><br><i>Local organizer:</i><br><b>Garrett Greene</b><br>Royal College of Surgeons in Ireland (psychology) |
| 18:20-18:50 | <b><u>Literature review:</u></b><br>Recent adherence research on polypharmacy & implementation science<br><b>Todd Ruppar, Alexandra Dima &amp; Samuel Allemann</b>   |
| 18:50-20:00 | <b>Welcome reception</b>   |

### FRIDAY NOVEMBER 30

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| 8:00-8:30  | <b><u>Registration</u></b>  |
| 8:30-08:45 | <b><u>Welcome</u></b><br><b>Sabina De Geest</b>   |
| 08:45-9:45 | <b><u>John Urquhart Memorial Lecture (Chair: Sabina De Geest)</u></b><br><br><b>Understanding Treatment Adherence: how important are patients' beliefs?</b><br><b>John Weinman</b><br>Institute of Pharmaceutical Science in King's College London, UK. |

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| 9:45-10:20  | <b>Coffee break &amp; poster viewing</b>  |  |
| 10:20-11:00 | <b>Plenary keynote speaker (Chair: Alpana Mair)</b><br><b>Polypharmacy, Shared Decision making, and the interface between ambulatory and hospital care. Observations from a Bismarckian health system.</b><br><b>Attila Altiner</b> Institute of General Practice of the University of Rostock, Germany.                      |  |
| 11:00-12:50 | <b>Parallel sessions (oral presentations – accepted abstracts)</b>  |  |
|             | <b>A1: Determinants of Adherence</b>  | <b>A2: Polypharmacy and Impact on Adherence</b>  |
|             | <i>Chair: Liset van Dijk</i>  | <i>Chair: Alpana Mair</i>  |
| 11:00-11:20 | <b>A systematic review of qualitative research on medication adherence in the elderly: Integrating the ABC taxonomy and the Information-Motivation-Behavioural-Skills model</b><br><b>Anna Giardini,</b><br><i>Istituti Clinici Scientifici Maugeri IRCCS, Psychology Unit- Scientific Institute of Montescano PV, Italy.</i> | <b>Higher Prevalence of Non-Adherence to Co-Medications than to Immunosuppressants in Heart Transplant Recipients: Findings from the International Cross-Sectional BRIGHT Study</b><br><b>Sabina De Geest</b><br><i>Nursing Science &amp; Academic Centre for Nursing and Midwifery, Department of Public Health- Faculty of Medicine University of Basel &amp; Department of Public Health and Primary Care- KU Leuven, Basel, Switzerland.</i> |
| 11:20-11:40 | <b>The impact of Provider and Practice Factors on HIV Antiretroviral Therapy (ART) Adherence</b><br><b>Ira Wilson</b><br><i>Brown University School of Public Health, Health Services- Policy and Practice, Providence, USA.</i>  | <b>Non-adherence to antidepressants by older primary care patients with depression: a cohort study</b><br><b>Hans Wouters</b><br><i>University Medical Center Groningen, Department General Practice and Elderly Care Medicine, Groningen, Netherlands.</i>  |
| 11:40-12:00 | <b>Multilevel correlates to immunosuppressive nonadherence in kidney transplantation: results from the ADHERE BRAZIL Multicenter Study</b><br><b>Helady Sanders-Pinheiro</b><br><i>Federal University of Juiz de Fora, School of Medicine, Nephrology Division, Juiz de Fora, Brazil.</i>                                     | <b>Prevalence of Polypharmacy among prefrail and frail individuals across Europe</b><br><b>Luis Midão</b><br><i>University of Porto, Competence Center of Active and Healthy Ageing- Porto4Ageing, Faculty of Pharmacy- REQUIMTE, Porto, Portugal.</i>   |
| 12:00-12:20 | <b>Psychosocial determinants of adherence to rifaximin in irritable bowel syndrome</b><br><b>Leeanne Sherwin</b><br><i>University of Missouri, Sinclair School of Nursing, Columbia, USA.</i>   | <b>Adherence to cystic fibrosis medication in France: accounting for prescribing, dispensing and hospitalization data</b><br><b>Héloïse Rouzé,</b><br><i>Hospices Civils de Lyon, Pôle de Santé Publique, Lyon, France.</i>  |

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| 12:20-12:40 | <p><b>Patient and caregiver priorities for medication adherence in rheumatology: focus group with nominal group technique</b><br/> <b>Ayano Kelly,</b><br/>         Canberra Rheumatology,<br/>         Rheumatology, Canberra, Australia.</p>  | <p><b>A systematic review of measures to estimate adherence and persistence to multiple medications</b><br/> <b>Sofa Alfian</b><br/>         University of Groningen,<br/>         Groningen Research Institute of Pharmacy-<br/>         Unit Pharmacotherapy- -Epidemiology &amp; -<br/>         Economics, Groningen, Netherlands.</p> |
| 12:40-12:50 | <p><b>Reflection and key points of the session</b></p>  |   |
| 12:50-14:50 | <p><b>Lunch &amp; poster viewing</b><br/>         Moderators: <b>Todd Ruppap &amp; Alpana Mair</b></p>  |   |
| 14:50-15:45 | <p><b>From knowledge to action: <i>Interprofessional round table on polypharmacy</i></b><br/>         Moderator: Solvejg Nasert (Bayer, Germany) &amp; Bernard Vrijens (AARDEX Group)</p>   |   |
| 14:45-16:00 | <p><b>Plenary Invited speakers (<i>Chair: Bernard Vrijens</i>)</b><br/> <b><u>IMPLEMENTATION SCIENCE</u></b></p>  |   |
| 14:50-15:20 | <p><b>Implementation science as a driver for more effective health care delivery</b><br/> <b>Byron J. Powell</b><br/>         Department of Health Policy and Management at the University of North Carolina at Chapel Hill's Gillings School of Global Public Health, Chapel Hill, USA</p>           |   |
| 15:20-15:50 | <p><b>Medication Adherence in the Real World: Implementing contextually appropriate solutions to improve medication adherence</b><br/> <b>Leah Zullig</b><br/>         Duke Department of Population Health Sciences and investigator at the Durham Veterans Affairs Medical Center, Durham, USA.</p> |   |
| 15:50-16:00 | <p><b>Reflection and key points of this session</b></p>   |   |
| 16:00-16:30 | <p><b>Coffee break &amp; poster viewing</b></p>   |   |
| 16:30-18:20 | <p><b>Parallel sessions (oral presentations – accepted abstracts)</b></p>   |   |

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|             | <b>A3: From measurement to implementation</b>   | <b>A4: The Clinical and Economic impact of Adherence</b>  |
|             | <b>Chair: Leah Zullig</b>   | <b>Chair: Dyfrig Hughes</b>   |
| 16:30-16:55 | <b>Patient information leaflets and label instructions on missed doses</b><br><b>Abdullah Albassam,</b><br><i>Bangor University,<br/>Centre for Health ,Economics and<br/>Medicines Evaluation, Bangor,<br/>United Kingdom.</i>   | <b>Over half of children with HIV in the United States covered by Medicaid did not receive antiretroviral therapy in 2011-2012</b><br><b>Ira Wilson,</b><br><i>Brown University School of Public Health, Health Services- Policy &amp; Practice, Providence, USA.</i>                               |
| 16:55-17:20 | <b>Persistence with statin treatment in stroke patients</b><br><b>Martin Wawruch,</b><br><i>Faculty of Medicine Comenius University,<br/>Institute of Pharmacology and Clinical Pharmacology, Bratislava, Slovakia.</i>   | <b>Adjusting the causal effects of treatments in the presence of patient non-adherence: a systematic review of methodological papers</b><br><b>Abualbishr Alshreef,</b><br><i>The University of Sheffield,<br/>School of Health and Related Research, Sheffield, United Kingdom.</i>                |
| 17:20-17:45 | <b>Patients' adherence to rivaroxaban in deep vein thrombosis, a cohort study (RIVA) – quantitative results</b><br><b>Jennifer Celio,</b><br><i>School of pharmaceutical sciences-<br/>University of Geneva-<br/>University of Lausanne,<br/>Community pharmacy, Geneva,<br/>Switzerland.</i> | <b>Association between antihypertensive medication adherence and subsequent healthcare utilisation in ageing adults: results The Irish Longitudinal Study On Ageing (Tilda)</b><br><b>Caroline Walsh,</b><br><i>Royal College of Surgeons,<br/>Population Health Sciences, Dublin,<br/>Ireland.</i> |
| 17:45-18:10 | <b>Implementation of an asthma adherence mHealth intervention in the community pharmacy setting: a sociological approach</b><br><b>Richelle Kosse,</b><br><i>Utrecht University,<br/>Pharmacoepidemiology and Clinical Pharmacology, Utrecht, Netherlands.</i>                                | <b>Medication adherence in pharmacoepidemiological studies: a systematic review</b><br><b>Feras Jirjees,</b><br><i>Queen's University Belfast,<br/>School of Pharmacy, Belfast,<br/>United Kingdom.</i>   |
| 18:10-18.20 | <b>Reflection and key points of this session</b>  |   |
| 18:40       | <b>Meet for departure to dinner</b><br><i>Brasserie Sixty6 -66 South Great George's Street Dublin, Co. Dublin D02 YD61</i>  |   |

## SATURDAY DECEMBER 1

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| 08:45-10:35 | <b>Parallel sessions (oral presentations – accepted abstracts)</b>  |   |
|             | <b>A5: Methods to Measure Adherence</b>   | <b>A6: Interventions to Address Adherence</b>   |
|             | <b>Chair: Bernard Vrijens</b>   | <b>Chair: Todd Rupp</b>   |
| 08:45-09:10 | <b>Classification of longitudinal adherence trajectories: The impact of adherence measures and sliding window parameters in a simulation study</b><br><i>Samuel Allemann,</i><br><i>Université Claude Bernard Lyon.</i>                                 | <b>Impact of single and multiple component interventions to improve medication adherence: a network meta-analysis</b><br><i>Fernando Fernandez-Llimos,</i><br><i>Faculty of Pharmacy-University of Lisbon.</i>  |
| 09:10-09:35 | <b>Evaluation of adherence to antihypertensive medications using the dried blood spot approach</b><br><i>Feras Jirjees,</i><br><i>Queen's University Belfast, School of Pharmacy, Belfast, United Kingdom.</i>  | <b>The impact of an asthma question prompt list with video intervention on adolescent asthma control 12 months later</b><br><i>Betsy Sleath,</i><br><i>UNC Eshelman School of Pharmacy, Division of Pharmaceutical Outcomes and Policy, University of North Carolina, Cecil G Sheps Center for Health Services Research, Chapel Hill, USA .</i> |
| 09:35-10:00 | <b>Measuring the multiple dimensions of medication non-adherence: Findings from a Delphi survey of adherence experts</b><br><i>Ian Kronish,</i><br><i>Columbia University Medical center for Behavioural Cardiovascular Health, New York, NY , USA.</i> | <b>Reframing asthma and inhaled corticosteroids to modify treatment beliefs: an online intervention randomised controlled trial.</b><br><i>Caroline Brigitte Katzer,</i><br><i>University College London, Research Department of Practice and Policy, London, United Kingdom.</i>   |
| 10:00-10:25 | <b>Big data techniques for measuring changes on medication implementation after an intervention provided by community pharmacists</b><br><i>Andrea Torres Robles,</i><br><i>University of Technology Sydney, Graduate School of Health.</i>             | <b>How are you tracking? Effect of electronic adherence monitoring on medication adherence – a systematic review and meta-analysis</b><br><i>Rob Horne</i><br><i>Centre of Behavioural Medicine- School of Pharmacy, University College London, United Kingdom.</i>   |
| 10:25-10:35 | <b>Reflection and key points of this session</b>  |   |
| 10:35-11:05 | <b>Coffee break</b>   |   |

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| 11:05-12:20 | <b><u>Plenary Keynote session (Chair: Dyfrig Hughes)</u></b><br><b>POLYPHARMACY</b>   |
| 11:05-11:35 | <b>Implementation of a prescribing safety intervention in England</b><br><b>Tony Avery</b><br><b>University of Nottingham, UK</b><br>Primary Health Care, University of Nottingham, UK                  |
| 11:35-12:05 | <b>Can we implement and scale up management of polypharmacy and adherence programmes across the EU? Outcomes from SIMPATHY.</b><br><b>Alpana Mair</b><br>DG Health and Social Care, Scottish Government |
| 12:05-12:15 | <b><i>Reflection and key points of this session</i></b>   |
| 12:15-13:00 | <b>Lunch</b>  |
| 13:00-13:15 | <b><u>Presentation of the Jean-Michel Métry poster prize</u></b><br><b>(Chair: Todd Ruppap &amp; Alpana Mair)</b>   |
| 13:15-14:15 | <b><u>ESPACOMP business meeting</u></b><br><b>(Chair: Bernard Vrijens)</b>  |
| 14:15-15:15 | <b><u>ESPACOMP initiatives (Chair: Liset van Dijk)</u></b>  |
| 14:15-14:30 | <b>ESPACOMP Medication Adherence Reporting Guidelines (EMERGE)</b><br><b>Sabina De Geest for the EMERGE group</b>   |
| 14:30-14:45 | <b>ESPACOMP Education Initiative / white paper</b><br><b>Marie Schneider</b>  |
| 14:45-15:00 | <b>ESPACOMP adherence data analysis white paper</b><br><b>Alex Dima</b>   |
| 15:00-15:15 | <b><u>Closure of the meeting</u></b><br><b>(chair: Liset van Dijk &amp; Sabina De Geest)</b>  |