



**Thursday 31th August 2023**  
**Mini-symposia 1 and 2 and Early Career Biostatistician (ECB) Day**

ROOM U6.6	ROOM U6.8	ROOM U6.9
<p style="text-align: center;"><b>TMS1</b>  Mini-symposium 1: Ten years STRATOS initiative –  brief summary of progress and plans for the future</p> <p style="text-align: center;"><b>COORDINATORS:</b> Willi Sauerbrei  and Federico Ambrogi</p>	<p style="text-align: center;"><b>TMS2</b>  Mini-symposium 2: Novel approaches to complex data  and predictive modeling in healthcare research</p> <p style="text-align: center;"><b>COORDINATORS:</b> Emanuele DiAngelantonio  and Francesca Ieva</p>	<p style="text-align: center;"><b>ECB</b>  Early Career Biostatisticians' (ECB) Day</p> <p style="text-align: center;"><b>COORDINATORS:</b> Early Career Biostatistician Committee</p>
SESSION 1 - 9.00-10.40		
<p style="text-align: center;">TMS1.1</p> <p style="text-align: center;">EXPERIENCE AND PROGRESS WITH DEVELOPING GUIDANCE FOR THE  ANALYSIS OF KEY TOPICS IN OBSERVATIONAL RESEARCH</p> <p style="text-align: center;">Sauerbrei W, Abrahamowicz M, Le Cessie S, Huebner M,  Keogh R, Carpenter J for the STRATOS initiative</p> <p style="text-align: center;">TMS1.2</p> <p style="text-align: center;">LEVEL 1 GUIDANCE ON CONDUCTING AND REPORTING  SENSITIVITY ANALYSES FOR MISSING DATA</p> <p style="text-align: center;">Lee K, Carpenter J for TG1</p> <p style="text-align: center;">TMS1.3</p> <p style="text-align: center;">AIMS OF THE NEW OPEN SCIENCE PANEL</p> <p style="text-align: center;">Luijken Koffmann S,  Boulesteix A-L for the Open Science panel</p>	<p style="text-align: center;">9:00</p> <p style="text-align: center;"><b>Introduction</b></p> <p style="text-align: center;">Chairs: Emanuele DiAngelantonio,  Maria Grazia Valsecchi</p> <p style="text-align: center;">09:15</p> <p style="text-align: center;">TMS2.1</p> <p style="text-align: center;"><b>PREDICTING EMERGENCY  ADMISSIONS IN SCOTLAND</b></p> <p style="text-align: center;">Catalina Vallejos</p> <p style="text-align: center;">9:45</p> <p style="text-align: center;">TMS2.2</p> <p style="text-align: center;"><b>TIME: THE NEXT FRONTIER IN MACHINE  LEARNING FOR HEALTHCARE;</b></p> <p style="text-align: center;">Mihaela van der Schaar</p>	<p style="text-align: center;">9:00</p> <p style="text-align: center;">ECB.1</p> <p style="text-align: center;"><b>SUSTAINING A CULTURE OF REPRODUCIBILITY  IN RESEARCH: A PERSONAL CREDO FOR EARLY  CAREER BIOSTATISTICIANS</b></p> <p style="text-align: center;">Valeria Edefonti (invited speaker)</p> <p style="text-align: center;">9:45</p> <p style="text-align: center;">ECB.2</p> <p style="text-align: center;"><b>A NETWORK OF MENTORS: LEVERAGING THE  POWER OF NETWORKING AND MENTORING  TO ACCELERATE YOUR CAREER</b></p> <p style="text-align: center;">Rushani Wijesuriya</p> <p style="text-align: center;">10:00</p> <p style="text-align: center;">ECB.3</p> <p style="text-align: center;"><b>UNREPORTED RCT RESULTS: SHOULD  BIOSTATISTICIANS CARE?</b></p> <p style="text-align: center;">Judith ter Schure</p> <p style="text-align: center;">10:15</p> <p style="text-align: center;">ECB.4</p> <p style="text-align: center;"><b>ARE STATISTICAL AND SCIENTIFIC ASSESSMENTS  OF RAPID SELF-TEST DIAGNOSTICS RELIABLE?</b></p> <p style="text-align: center;">Bethany Hillier</p>
10:40 Coffee Break	10:15 - Coffee Break	10:30 - Coffee Break



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<b>SESSION 2 - 11.00-12.40</b>		
<p style="text-align: center;">TMS1.4</p> <p style="text-align: center;"><b>ONGOING RESEARCH TOWARDS STATE-OF-THE-ART IN VARIABLE AND FUNCTIONAL FORM SELECTION FOR STATISTICAL MODELS</b></p> <p style="text-align: center;">Heinze G, Perperoglou A, Sauerbrei W for TG2</p> <p style="text-align: center;">TMS1.5</p> <p style="text-align: center;"><b>HOW TO INCLUDE TIME-VARYING EXPOSURES PRONE TO MEASUREMENT ERROR IN SURVIVAL ANALYSES</b></p> <p style="text-align: center;">Proust-Lima C, Philipps, Deffner V, Boshuizen H, Freedman L, Thiébaud A for TG4</p> <p style="text-align: center;">TMS1.6</p> <p style="text-align: center;"><b>EVALUATING THE IMPACT OF COVARIATE MEASUREMENT ERROR ON FUNCTIONAL FORM ESTIMATION IN REGRESSION MODELLING</b></p> <p style="text-align: center;">Perperoglou A, Abrahamowicz M, Gustafson P, Kipnis V, Thiébaud A, Ferreira Guerra S, Freedman L for TG2 and TG4</p> <p style="text-align: center;">TMS1.7</p> <p style="text-align: center;"><b>STATISTICAL ANALYSIS OF HIGH-DIMENSIONAL BIOMEDICAL DATA: A GENTLE INTRODUCTION TO ANALYTICAL GOALS, COMMON APPROACHES AND CHALLENGES</b></p> <p style="text-align: center;">Ambrogi F, Rahnenfuehrer J, De Bin R, McShane L for TG9</p>	<p style="text-align: center;">10:45</p> <p style="text-align: center;">TMS2.3</p> <p style="text-align: center;"><b>RAGE AGAINST THE MACHINE LEARNING</b>  Marteen van Smeden</p> <p style="text-align: center;">11:15</p> <p style="text-align: center;">TMS2.4</p> <p style="text-align: center;"><b>REGRESSION AND ML APPROACHES FOR EVALUATION OF BIOMARKERS WITH APPLICATION TO PRIMARY BILIARY CHOLANGITIS</b></p> <p style="text-align: center;">Davide Bernasconi</p> <p style="text-align: center;">11:45 – 12.15</p> <p style="text-align: center;"><b>Panel discussion Q&amp;A</b>  Chair: Francesca Ieva</p>	<p style="text-align: center;">11:00</p> <p style="text-align: center;">ECB.5</p> <p style="text-align: center;"><b>CHALLENGES IN EXTRACTING AND PROCESSING EHR DATA FOR DYNAMIC PREDICTION MODELS</b></p> <p style="text-align: center;">Elena Albu</p> <p style="text-align: center;">11:15</p> <p style="text-align: center;">ECB.6</p> <p style="text-align: center;"><b>EARLY CAREER BIOSTATISTICIANS</b></p> <p style="text-align: center;">Alexandra Hunt</p> <p style="text-align: center;">11:30</p> <p style="text-align: center;">ECB.7</p> <p style="text-align: center;"><b>TACKLING IMPOSTER SYNDROME</b></p> <p style="text-align: center;">Autumn O'Donnell</p> <p style="text-align: center;">11:45</p> <p style="text-align: center;">ECB.8</p> <p style="text-align: center;"><b>NAVIGATING THE WORLD OF BIOSTATISTICS</b></p> <p style="text-align: center;">Katherine Lee (invited speaker)</p> <p style="text-align: center;">12:30-12:45</p> <p style="text-align: center;"><b>PANEL DISCUSSION /Q&amp;A</b></p>
<b>Lunch Break</b>		

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<b>TMS1</b> Mini-symposium 1: Ten years STRATOS initiative – brief summary of progress and plans for the future  <b>COORDINATORS:</b> Willi Sauerbrei		
<b>SESSION 3 - 13.30-15.10</b>		
<p>TMS1.8</p> <p><b>THE SLOWLY CHANGING LANDSCAPE OF PREDICTIVE MODELING IN BIOMEDICINE</b></p> <p>Lusa L, Kappenberg F, Schmid M, Sauerbrei W, Rahnenführer J</p> <p>TMS1.9</p> <p><b>COUNTERFACTUAL PREDICTION FOR PERSONALIZED HEALTHCARE USING OBSERVATIONAL DATA</b></p> <p>Van Geloven N, Steyerberg EW, Wang J, Didelez V, Keogh RH for TG6 and TG7</p> <p>TMS1.10</p> <p><b>RECOMMENDATIONS TO HANDLE PATIENT REPORTED OUTCOME DATA IN ONCOLOGY CANCER TRIALS</b></p> <p>Le Cessie S, Goetghebeur E, Thomassen D on behalf of work package 3 of the SISAQOL-IMI consortium</p> <p>TMS1.11</p> <p><b>COMPARING QUALITY OF LIFE – WHILE ALIVE – BETWEEN TREATMENT AND (EXTERNAL) CONTROLS: METHODS FOR REAL WORLD ANALYSIS IN CLINICAL TRIALS</b></p> <p>Goetghebeur E, Reynders D, Thomassen D, le Cessie S on behalf of work package 3 of the SISAQOL-IMI consortium</p>		
<b>Coffee Break</b>		
<b>SESSION 4 - 15.30-16.30</b>		
<b>Panel discussion about the future of STRATOS</b>  <b>Chair:</b> Carpenter J (London, UK)		