



Twinning towards excellence in alternative methods for toxicity assessment

## **TWINALT S&T COURSE EVENT 4**

### **6-9 July 2021**

Organized by UMIL on Teams platform

### **Role of inflammation as an exacerbating factor involved in organ toxicity and methodological approaches**

45 min + 15 min discussion each  
Italian time (UTC+1)

#### **DAY 1 - July 6<sup>th</sup>**

<b>14:00 - 14:05</b>	<b>WELCOME</b> Marina Marinovich University of Milan, Milan
<b>14:05 - 15:05</b>	<b>The basic principles of inflammation</b> Sebastien Jaillon Humanitas Research, Milan
<b>15:05 - 16:05</b>	<b>Preclinical studies of inflammation as screening of anti-inflammatory drugs: implications in organ damage and toxicity</b> Salvatore Cuzzocrea University of Messina, Messina

#### **DAY 2 - July 7<sup>th</sup>**

<b>10:00 - 11:00</b>	<b>Inflammation and Neurotoxicity, a general overview</b> Melania Maria Serafini, Barbara Viviani University of Milan, Milan
<b>11:00 - 12:00</b>	<b>Prenatal inflammation and synaptopathies: the case of IL-6</b> Davide Pozzi CNR Institute of Neuroscience and Humanitas Clinical and Research Center, Milan
<i>LUNCH BREAK</i>	
<b>14:00 - 15:00</b>	<b>IPSCs-Based Neural organoids: A multidimensional approach for modeling neurological diseases</b> Gianluca Costamagna University of Milan - IRCCS Fondazione Ca' Granda Policlinico Ospedale Maggiore, Milan
<b>15:00 - 16:00</b>	<b>Organ-on-a-chip systems: Safety and Metabolism Applications</b> David Hughes - CN Bio Innovations, Cambridge



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### DAY 3 - July 8<sup>th</sup>

#### Role of inflammation in lung toxicity and methodological approaches

<b>10:00 - 11:00</b>	<b>Role of inflammation in particles-induced lung toxicity</b> Flemming R. Cassee RIVM, The Netherlands
<b>11:00 - 12:00</b>	<b>Chemical-induced exacerbation of asthma</b> Valentina Galbiati University of Milan, Milan
<i>LUNCH BREAK</i>	
<b>14:00 - 15:00</b>	<b>In vitro models to study lung inflammation</b> Konstantinos Gkatzis Max Planck Institute for Heart and Lung Research, Bad Nauheim

### DAY 4 - July 9<sup>th</sup>

<b>10:00 - 11:00</b>	<b>Mutagenesis and cancer development</b> Gloria Melzi University of Milan, Milan
<b>11:00 - 12:00</b>	<b>Towards the development of human immune-system-on-a-chip platforms</b> Alessandro Polini CNR, Lecce
<i>LUNCH BREAK</i>	
<b>14:00 - 15:00</b>	<b>Pre-clinical models of Wound Healing and NAFLD: are we ready to abandon murine models for advanced culturing systems?</b> Michele Vacca University of Bari & Cambridge
<b>15:00 - 15:30</b>	<b>Overall Discussion and Closing</b>



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### Links for registration to webinar sessions:

<a href="#"><u>Day 1</u></a>	<a href="https://teams.microsoft.com/registration/7161ExhwdEaj18wNsG1UXA,dQBp6TfFB0ir2ldoyfaLlg,yaSs1uEobEW3MjvkSBrsYA,OPQ72aad8UKCZ2XLI7R6Hw,gsUWvIMVUEOb3JicdnPIPg,AHCUYxtJnkafaSlsLujRsQ?mode=read&amp;tenantId=13b55eef-7018-4674-a3d7-cc0db06d545c">https://teams.microsoft.com/registration/7161ExhwdEaj18wNsG1UXA,dQBp6TfFB0ir2ldoyfaLlg,yaSs1uEobEW3MjvkSBrsYA,OPQ72aad8UKCZ2XLI7R6Hw,gsUWvIMVUEOb3JicdnPIPg,AHCUYxtJnkafaSlsLujRsQ?mode=read&amp;tenantId=13b55eef-7018-4674-a3d7-cc0db06d545c</a>
<a href="#"><u>Day 2</u></a>	<a href="https://teams.microsoft.com/registration/7161ExhwdEaj18wNsG1UXA,dQBp6TfFB0ir2ldoyfaLlg,yaSs1uEobEW3MjvkSBrsYA,i9CEstNPa0ywNOOf6h232g,f7olvQwAvkK Dw_3AOXnULA,-3vyzKTQFUCFjHpsQCZ2gw?mode=read&amp;tenantId=13b55eef-7018-4674-a3d7-cc0db06d545c">https://teams.microsoft.com/registration/7161ExhwdEaj18wNsG1UXA,dQBp6TfFB0ir2ldoyfaLlg,yaSs1uEobEW3MjvkSBrsYA,i9CEstNPa0ywNOOf6h232g,f7olvQwAvkK Dw_3AOXnULA,-3vyzKTQFUCFjHpsQCZ2gw?mode=read&amp;tenantId=13b55eef-7018-4674-a3d7-cc0db06d545c</a>
<a href="#"><u>Day 3</u></a>	<a href="https://teams.microsoft.com/registration/7161ExhwdEaj18wNsG1UXA,dQBp6TfFB0ir2ldoyfaLlg,yaSs1uEobEW3MjvkSBrsYA,4RWTWN7-u0a8u0g-8qHfag,CkKLMYfa_0Ka1R34PZNCVA,gG19fouqME2tPhc-6foL5g?mode=read&amp;tenantId=13b55eef-7018-4674-a3d7-cc0db06d545c">https://teams.microsoft.com/registration/7161ExhwdEaj18wNsG1UXA,dQBp6TfFB0ir2ldoyfaLlg,yaSs1uEobEW3MjvkSBrsYA,4RWTWN7-u0a8u0g-8qHfag,CkKLMYfa_0Ka1R34PZNCVA,gG19fouqME2tPhc-6foL5g?mode=read&amp;tenantId=13b55eef-7018-4674-a3d7-cc0db06d545c</a>
<a href="#"><u>Day 4</u></a>	<a href="https://teams.microsoft.com/registration/7161ExhwdEaj18wNsG1UXA,dQBp6TfFB0ir2ldoyfaLlg,yaSs1uEobEW3MjvkSBrsYA,3moKzPygCUu2ZVpy2d8wkW,JKzBe6kTJUmFN2-6LAvxxw,f95wMtDFrUioxrKM3F-Ytg?mode=read&amp;tenantId=13b55eef-7018-4674-a3d7-cc0db06d545c">https://teams.microsoft.com/registration/7161ExhwdEaj18wNsG1UXA,dQBp6TfFB0ir2ldoyfaLlg,yaSs1uEobEW3MjvkSBrsYA,3moKzPygCUu2ZVpy2d8wkW,JKzBe6kTJUmFN2-6LAvxxw,f95wMtDFrUioxrKM3F-Ytg?mode=read&amp;tenantId=13b55eef-7018-4674-a3d7-cc0db06d545c</a>

For information or technical issues related to the event, please contact [toxlab@unimi.it](mailto:toxlab@unimi.it)

