



Long COVID

2. KONGRESS

24.–25. November 2023 | Jena

www.long-covid-kongress.de

UNIVERSITÄT
KLINIKUM
Jena

Teilhabe mit Long COVID: COVID-19, Sepsis und
entzündungsassoziierte Folgeerkrankungen



Friday 24th of November 2023

12:45–13:30 Lunch Symposium - Update on current evidence of factors influencing the development of Long COVID
organized by Medical Affairs Pfizer Pharma GmbH

Chair Andreas Stallmach (Jena/DE) | Carmen Scheibenbogen (Berlin/DE)

Andreas Stallmach (Jena/DE) | Carmen Scheibenbogen (Berlin/DE): **Welcome and Introduction**

Christoph Boesecke (Bonn/DE): **Focus on patient characteristics**

Cora Lose (Badalona/ES): **Focus on pharmaceutical interventions**

Room Grete Unrein

13:30–14:45 Session 4 – Lessons Learned from the Pandemic for Reducing Mortality and Prevention of Long Term from COVID and Sepsis

Chair Sina Coldewey (Jena/DE), Björn Weiß (Berlin/DE)

Konrad Reinhart (Berlin/DE): **The importance of advocacy and awareness - Lessons from cancer and AIDS**

Carolin Fleischmann-Struzek (Jena/DE): **The overlap and specifics of Long COVID-19 and post sepsis**

Björn Weiß (Berlin/DE): **The impact of regional cooperation and telemedicine on survival and long-term consequences of COVID-19 and sepsis**

Evangelos J. Giamarellos-Bourboulis (Athen/GR): **The potential of immunomodulatory therapies to reduce death and Post-COVID sequelae**

Room Otto Schott

15:00–16:30 Session 6 – Pathophysiology, Pathogenesis, PostVac

Chair Elisabeth Schieffer (Marburg/DE), Christian Geis (Jena/DE)

Martin Kräter (Erlangen/DE): **Deformability cytometry: physical characterization of major blood cell types as potential biomarker for Long COVID patient subclassification**

Bettina Hohberger (Erlangen/DE): **Biomarker in Post-COVID**

Martin Korte (Braunschweig/DE): **When the brain fog remains**

Bernhard Schieffer (Marburg/DE): **Long-COVID from the cardiologists view**

Room Otto Schott

16:45–17:30 Plenary Session - Keynote Lecture

Uzma Syed (New York/US): **Global societal impact of post infectious syndromes**

Room Grete Unrein



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Saturday 25th of November 2023

08:30–10:00 **Session 8 – Pathophysiology, Pathogenesis, PostVac**

Chair **Mathias Pletz (Jena/DE)**

Lisa A. Chakrabarti (Paris/FR): **Divergent immune responses in Long COVID**

William Banks (Seattle/US): **Mechanisms of SARS-CoV-2 penetration of the blood-brain barrier and induction of neuroinflammation**

Andreas Zollner (Innsbruck/AT): **Postacute COVID-19 – gut viral antigen persistence in inflammatory bowel diseases**

Room Clara und Eduard Rosenthal

10:15–11:45 **Symposium 10 – Return to work: Chance and challenge**

Chair **Astrid Heutelbeck (Jena/DE)**

Dietrich Rothenbacher (Ulm/DE): **Post-COVID-19 Erkrankungen und Arbeitsfähigkeit: Ergebnisse der EPILOC-Studie**

Elke Schneider (Brüssel/BE): **COVID-19 infection and long COVID – guide for managers; guide for workers**

Markus Löffler (Leipzig/DE): **LONG-COVID-STUDIE aus Leipzig**

Room Clara und Eduard Rosenthal

12:45–14:15 **Symposium 12 – Digital Health**

Chair **Nils Opel (Jena/DE)**

Thomas Lenzen (Bonn/DE): **Digital therapeutics for Long Covid patients: The Fimo Health approach to patient enablement**

Paul Burggraf (Berlin/DE): **Vermessung mit Wearables und Genesungspfade**

Dirk Brockmann (Berlin/DE): **Data donation, citizen science and exploratory digital health research – Lessons learned from the Corona Data Donation Project**

Aurélie Fischer (Luxembourg/LU): **Codesign of a voice-based smartphone app to monitor Long COVID symptoms and impact on mental health and quality of life**

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14:30–16:00 Session 13 – Free talks (Selection of submitted abstracts – german/english)

Chair Bettina Hohberger (Erlangen/DE), Christian Puta (Jena/DE)

Stefanie Deinhardt-Emmer (Jena/DE): **The induction of cellular senescence by SARS-CoV-2 omicron variant results in premature aging of the lung**

Marco Leitzke (Leipzig/DE): **Die zentrale Rolle der cholinergen Neurotransmission in der Pathogenese von Long COVID**

Lea Lovrenovic (München/DE): **Pressure pain threshold in children and adolescents with Myalgic Encephalomyelitis / Chronic Fatigue Syndrome and/or Post-COVID-19 condition**

Tina Schmidt (Saarbrücken/DE): **Increased levels of SARS-CoV-2-specific T cells with elevated CTLA-4 expression in patients with post-COVID syndrome**

Tessa Schneeberger (Schönau am Königssee/DE): **Effects of a symptom-based rehabilitation compared to usual care in post COVID-19 – a randomized controlled trial: preliminary results of the ReLoAd-study**

Nikola Todorovic (Novi Sad/SRB): **Co-administration of supplemental creatine and breathing exercise diminishes post-exercise malaise and enhances tissue creatine levels in long COVID patients**

Room Otto Schott

14:30–16:00 Session 14 – Evidence-based therapeutic approaches and current studies

Chair Philipp Reuken (Jena/DE)

Kathrin Finke (Jena/DE): **Neuro-cognitive deficits and App-based treatment in post-COVID patients**

Hans Knoop (Amsterdam/NL): **Efficacy of a cognitive behavioral intervention for chronic fatigue following COVID-19**

Mark Faghy (Derby/GB): **Cohort observation on Long COVID patients, contains physiological, biological, psychological, functional status and quality of life assessment alongside lived experience**

Perikles Simon (Mainz/DE): **Objective disease severity classification of Post COVID-19 syndrom by cardiopulmonary exercise testing**

Room Clara und Eduard Rosenthal