

Welcome to:

INTERNATIONAL SEMINAR

LONG-TERM COVID - A NEW DISEASE PANORAMA

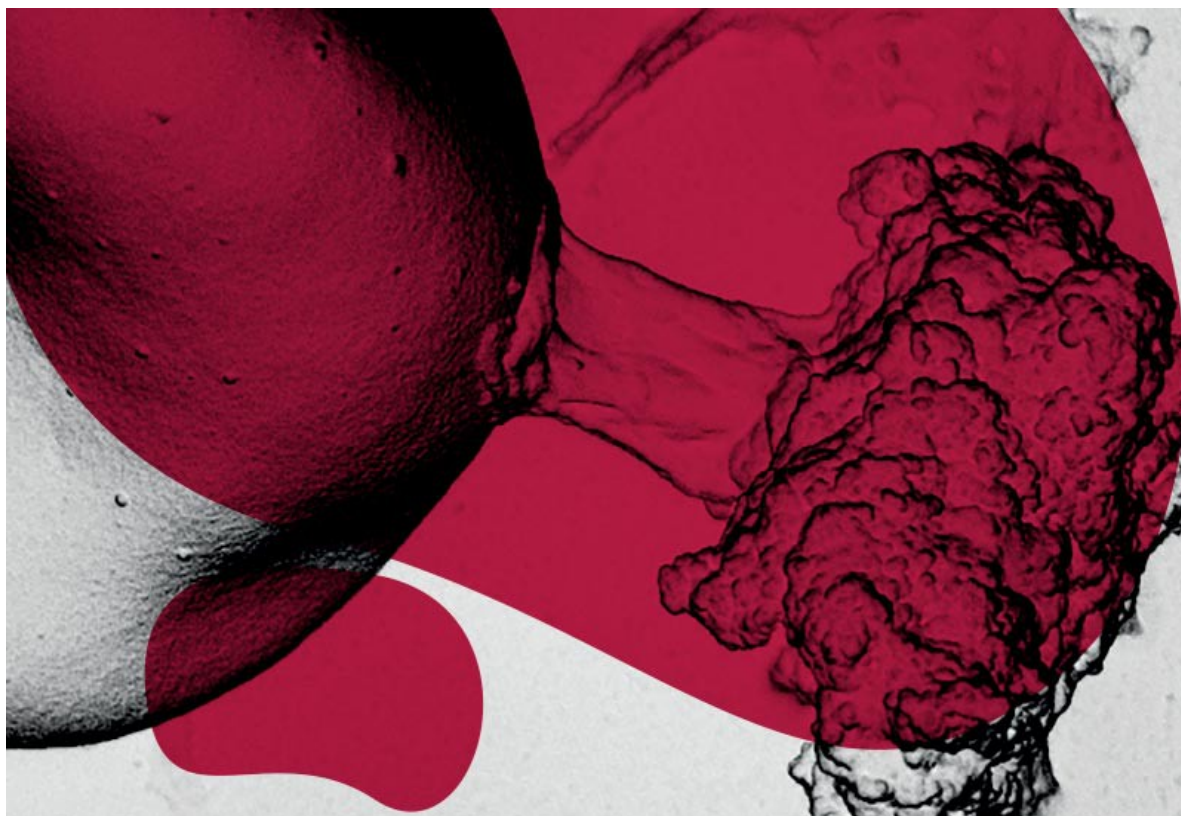


Photo from "Breakthrough work on microclots may explain long COVID" Stellenbosch univ. Photo Chantelle Venter

NEW RESEARCH ON ITS CAUSES, MECHANISMS AND TREATMENT

ZANZIBAR

SEMINAR: FEBRUARY 24 – MARCH 1 2024

Seminar program

Travelling from Europe: Departure February 23, return March 2

Curomed Utbildning AB – International Seminars since 1984
www.curomed.se, info@curomed.se

THE ANNUAL CUROMED INTERNATIONAL SEMINAR ON INFLAMMATION 2024:

Mechanisms, Diagnosis and Treatment of Long COVID 19

LECTURER: Professor Resia Pretorius, Ph D, Stellenbosch University
Simone Turner, Stellenbosch University
Este Burger, M Sc, Stellenbosch University
Professor Per Hammarström, PhD, Linköping University
Ass. Professor Sofie Nyström, PhD, Linköping University

MODERATOR Dr Peter Arnesson, Västerås

VENUE: Ocean Paradise Resort, Zanzibar, Tanzania

TRAVEL COSTS: USD 2900 per person.

DATES Saturday 24 February 2024 – Friday 1 March 2024

TARGET GROUP: Researchers spanning various disciplines
Medical Doctors and their teams
Dental Doctors and their staff
Occupational Therapists
Physiotherapists
Clinical and Translational Investigators
Policymakers and Decision Makers, among others

SEMINAR FEE: USD 1550

ORGANIZER Tore Sahlin, DDS, Specialist in Periodontology, Curomed, Umeå

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Register now at www.curomed.se. Limited number of participants. Call for papers, see below.

PURPOSE/OBJECTIVE:

Learn about groundbreaking research that sheds new light on diseases such as diabetes, Alzheimer's and cardiovascular disease and may also solve the mystery of Long-term COVID. Professor Resia Pretorius' research groups in South Africa and Great Britain are so far the only ones to have shown healing of Long-term COVID with their unique method. Unique knowledge that also can keep you healthy.

The objective of this seminars is to offer contemporary, clinically applicable, and valuable insights into recent advancements in the realm of inflammatory processes. The global impact of the COVID-19 pandemic spanning from 2020 to 2022 has actualized a lack of knowledge about viral infections and given rise to a completely new disease panorama, long-term COVID. Residual symptoms after the immune system's elimination of infected virus particles such as inflammation of the respiratory tract, cardiovascular effects, neuropathological symptoms, prolonged exhaustion have puzzled medicine. New research has shed light on the mechanisms of inflammation processes and their underlying causes.

In addition to the reasons behind the remaining inflammatory processes in connection with covid-19, the seminar program will address new diagnostic and therapeutic methods for SARS- CoV-2 (or its post-acute sequelae symptoms). In particular, protein misfolding and the potential of virus-encoded proteins to form amyloid structures will be explored in various lectures.

The seminar will result in specific test and diagnostic methods for long- term covid together with recommendations of treatment models. Highly qualified lectures, case studies and interactive sessions between different researchers will characterize the seminar. There will be time for debates and panel discussions. The event is intended to establish a platform for researchers and clinicians that can foster networks that pave the way for future collaborations and clinical initiatives.

A certificate of participation will be awarded to all participants. The official language will be English.

Register now

Register at www.cuomed.se. The number of participants is limited, and the final date for registration is November 1, 2023. We urge you to register promptly to guarantee your place. Accompanying persons are wellcome.

Call for papers

Additionally, we invite submissions for papers and posters. Please forward them to Sara Sahlin at info@cuomed.se, along with a concise abstract of your submission. All participants are required to complete their conference registration through our website, cuomed.se. There you also book your accommodation. If you're presenting a poster, kindly bring it with you to Zanzibar or delegate the task to a representative attendee. For inquiries, you can reach out to Tore Sahlin at tore@cuomed.se.

OUR KEYNOTE SPEAKERS:



Resia Pretorius, PhD. Professor at Stellenbosch University in South Africa. Her overarching research theme is: Blood coagulation, circulating inflammatory markers and how these play a role in inflammatory conditions like Type 2 diabetes, Rheumatoid Arthritis, Psoriasis and neuro-inflammatory conditions like Parkinson's disease and Alzheimer's disease. She has, together with her collaborators published the first pioneering treatment study on long COVID, complete with a diagnosing and treatment system for microclots caused by COVID-19 spike proteins. See their publications on <https://www.resiapretorius.net/>



Este Burger is a biomedical electronic engineer with a Master's degree in electronic engineering. Her post-graduate research concentrated on biosensor design, fluorescence-based sensing techniques and optical design. She specialized in the detecting of anomalous fibrin(ogen) clot-formation owing to the presence of circulating inflammagens. In her current role as CEO of BioCODE Technologies, she is driven by a passion for holistic health innovation and the commercialization of diagnostic solutions that contribute to the improvement of human health and wellbeing.



Simoné Turner is chief operating officer of BioCODE Technologies. Her research has focused on the pathophysiology and coagulation pathology associated with long-term Covid. Simoné Turner's capabilities also extends beyond academic research as she is responsible for the commercialization of medical technologies with applications in the field of inflammatory diseases, including the complex landscape of long-term COVID. Her business models bridge the gap between cutting-edge research and practical applications enabling innovative solutions for patient care and improved medical outcomes.



Per Hammarström, PhD, professor of protein chemistry at Linköpings university. He is an expert on amyloidosis and how proteins misfold and are stored in the body's tissues. He has along with colleagues developed methods and protein-specific ligands that both can be used as drug receptors and as diagnostic tools to understand and mitigate protein misfolding and disease. The leading hypothesis in his current work is that amyloid fibrils produce polymorphic fibril structures that resemble prion infection and is the cause of and driving force behind systemic amyloidosis and neurodegenerative disease. <https://liu.se/en/research/hammarstrom-lab>



Sofie Nyström, PhD, is associate professor in protein chemistry at Linköpings university. She is an expert in the protein chemistry of amyloid proteins and prions. Nyström's research is focused on understanding the driving forces leading to misfolding of endogenously expressed proteins and the origin of prion proteins and how their misfolded state is relevant to disease phenotypes. The COVID-19 pandemic spurred her interest in the ability of virus-encoded proteins to form amyloid structures.



Dr Peter Arnesson, MhD, is a well-qualified general practitioner with specialist competence in heart diseases, internal medicine and general medicine. With 35 years of professional experience, he has solid expertise in infectious diseases with a particular focus on tropical medicine. His impressive track record also includes a six-month intensive training in Acute Wilderness Life Support (AVLS) certified by the University of Utah culminating in field exercises in the rainforests of Guatemala. Today, he is employed as a senior medical consultant by many hospitals in Sweden and Norway.

CONFERENCE PROGRAM

Resia Pretorius (RS), Professor
Simone Turner (ST), Chief Operating Officer of Biocode Technologies
Este Burger (EB), CEO of Biocode Technologies
Per Hammarstrom (PH), Professor
Sofie Nyström (SN), Assoc Professor
Peter Arnesson (PA), Dr
Tore Sahlin (TS), DDS, Organizer

SATURDAY, FEBRUARY 23

Departure from Europe for European participants

DAY 1, SATURDAY, 24TH FEBRUARY

Arrival in Zanzibar, Transfer Ocean Paradise Resort.
Registration to the conference in the afternoon. Inauguration and welcome address.
Overnight at Ocean Paradise Resort.

DAY 2, SUNDAY, 25TH FEBRUARY

SEMINAR IN THE MORNING 09.00 – 12.00

Introduction: 09.00 – 10.30

Welcome address, background, personal considerations, a disease with complex consequences.

The recognition of long-term COVID as a disease and diagnostic criteria. (TS, PA)

Coffee/Tea break 10.30- 11.00

Presentation of the lecturers and their research areas: 11.00-12.00
(RS, ST, EB, PH, SN)

Lunch break: 12.00 – 13.00

Informal meetings research/clinical cooperation planning etc: 15.00 – 15.30
Afternoon tea 15.30-16.00

SEMINAR IN THE AFTERNOON 16.00 -18.00

Covid-19 The rollercoaster, extreme inflammation, vessel stiffness, O₂ lack in tissues etc, start of microclot formation: 16.00 – 17.00 (RP).

Persistent clotting protein pathology in long COVID and long term side effect of COVID-19 vaccines: 17.00 – 18.00 (RP)

Discussion

Overnight at Ocean Paradise Hotel

DAY 3, MONDAY, 26TH FEBRUARY

The morning is devoted to a study visit to Mnazi Mmoja Hospital, which is Zanzibar's largest hospital, in the Old Stone Town. The main medical activity is the treatment and prevention of tropical infectious diseases and there is a lot of experience among the medical staff. The hospital has student exchanges with Australia, India and China. In the afternoon we will have a sightseeing in Zanzibar town.

The epidemiology in Tanzania is characterized by a fragmented disease picture, although infectious diseases dominate as a whole. Tanzania has a long tradition of community intervention projects (Community Intervention) to solve public health issues. Due to a lack of resources in terms of access to doctors, dentists and other healthcare personnel, as well as frequent shortages of medicines and equipment, various disease prevention strategies have had to be developed to maintain public health. The result has been a reduced incidence of malaria and HIV. The healthcare system in Tanzania operates at three different levels: public healthcare, mission healthcare and private healthcare. Public healthcare is underfunded and often lacks resources, while mission healthcare does have resources but is often overburdened. Private healthcare has the same resources as the most advanced healthcare in Europe but is available only to a limited elite.

Overnight at Ocean Paradise Hotel

DAY 4 TUESDAY, 27TH FEBRUARY

SEMINAR IN THE MORNING 09.00 – 12.00

Laboratory techniques like biosensor design, fluorescence-based sensing and optical design. Detection of anomalous fibrin and fibrinogen clot-formation that can sustain inflammatory processes: 09.00 – 10.00 (EB)

Laboratory techniques for microcoagulant testing and the possibilities of commercializing these techniques in the treatment of long-term covid. Laboratory settings and demands, certifications and training of staff: 10.00– 10.30 (ST).

Coffee/Tea break 10.30- 11.00

Chronic inflammatory diseases (hypercoagulation, abnormal clot formation, amyloid formation in diabetes, cardiovascular disease and neuropathies)

Blood microbiome in chronic, inflammatory diseases. Translocation of bacteria in chronic inflammatory diseases, ie periodontal disease: 11.00 – 12.00 (RP)

Lunch break: 12.00 – 13.00

Informal meetings research/clinical cooperation planning etc 15.00 – 15.30

Afternoon tea 15.30 – 16.00

SEMINAR IN THE AFTERNOON 16.00 -18.00

Treatment experiences/resistance (EB, ST, RP)

What alternatives if the treatment is unsuccessful (EB, ST, RP)

Risk groups for adverse reactions (EB, ST, RP)

Workshop: Treatment alternatives for Long-COVID and similar conditions (All)

Overnight at Ocean Paradise Resort.

DAY 5, WEDNESDAY, 28TH FEBRUARY

SEMINAR IN THE MORNING 09.00 – 12.00

Protein misfolding and aggregation in disease 09.00 – 10.30 (PH)

Coffee/Tea break 10.30- 11.00

Amyloid formation of SARS-CoV-2 proteins 11.00 – 12.00 (SN)

Discussion (All):

“What are the roles of amyloidogenesis in COVID-19 and Long-COVID?”

Lunch break 12.00 – 13.00

Informal meetings research/clinical cooperation planning etc 15.00 – 15.30

Afternoon tea 15.30 – 16.00

SEMINAR IN THE AFTERNOON 16.00 -18.00

Successful stories: (EB,ST)

Overnight at Ocean Paradise Resort.

DAY 6, THURSDAY, 29TH FEBRUARY

SEMINAR IN THE MORNING 09.00 – 12.00

Open papers/posters session

Coffee/Tea break 10.30- 11.00

Lunch brake 12.00 – 13.00

SEMINAR IN THE AFTERNOON 15.00-18.00

Open papers/posters session

Afternoon tea 15.30 – 16.00

Closing panel discussion

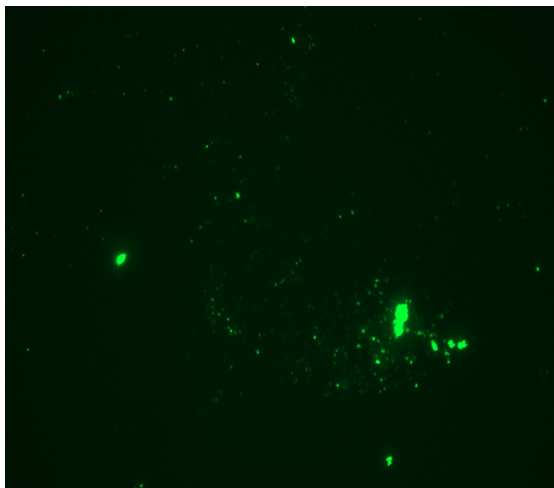
Overnight at Ocean Paradise Resort.

Suggested reading will be sent to all participants.

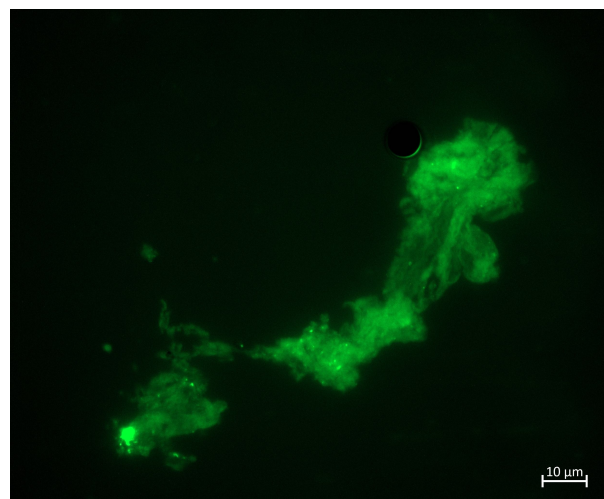
DAY 7, FRIDAY, 1ST MARCH: SEMINAR FINISHED

Return flight to the participant's home destination.

Dr Tore Sahlin has more than two years of personal experience with long-term COVID before he began treatment with Professor Resia Pretorius' method developed at Stellenbosch University. Her blood test showed a number of micro-clots in his blood vessels, many of which were of the size shown in the adjacent images. All patients examined with long-term covid showed similar patterns. The longer the patient have had long-term covid, the more microcoagulants had accumulated. Dr. Sahlin has now treated himself for 5 months with the South African method and has improved considerably. Observe that the diameter of the capillaries are 7-10 μ m.



Microclots after infektion with spike proteins TS Picture Resia Pretorius



Microclots two years after infection TS Picture Resia Pretorius

POST SEMINAR TOUR (se Travel Programme)

Safari in the Serengeti and Ngorongoro Crater during the wildebeest migration when millions of wildebeest gather for the annual calving.

TRAVEL COSTS IN ZANZIBAR, PRICE SHEET

CONFERENCE AT OCEAN PARADISE RESORT

February 24TH – March 1ST 2024

PRICE: USD 2 900 per person, USD 580 is billed at registration.

INCLUDES:

- * Hotel accommodation per person sharing;
- * Half board; Breakfast and dinner
- * Conference lunch for participants
- * Transfers.

NOT INCLUDED:

- * International flights;
- * Tips and drinks;

* Single room supplement: approx. USD 400

* Visa to Tanzania USD 50

SAFARI IN LAKE MANYARA, SERENGETI, NGORONGORO CRATER

March 1- March 7, 2024

PRICE: approx. USD 2 100 per person.

INCLUDES:

- * Flight Zanzibar – Arusha;
- * Hotel accommodation per person sharing;
- * Single room supplement: approx. USD 400
- * Full board
- * Transfers according to the program.
- * All excursions in the parks, incl National Park fees

Note: If you are organising your own flights you have to fly out of Arusha. Please inform us to get more details about your flight options. Mail Sara Sahlin at sara@curomed.se.