



**CORT
RESEARCH
CONFERENCE
2022**

Carbon Monoxide Research Conference

Church House Conference Centre
Great Smith Street, Westminster
London SW1P 3AZ

5th & 6th July 2022

You can find more details
on our website:

www.coresearchtrust.org

You can email us at:

info@coresearchtrust.org

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#UnderstandingCO



Agenda Day 1

09.15 – 10.00 **Registration and Coffee**

10.00 – 10.30 **Overview of the Day**

Welcome (10 mins)

- Purpose of the day - Baroness Finlay of Llandaff

Setting the Scene (20 mins)

- Adrian McConnell (CORT) – CO Research Trust Grants Call 2022
- Charon McNabb – Work of the NCOAA and Charon's story

10.30 – 11.40 **Session 1: Improving Diagnosis**

Chair: Prof Shirley Price

- Prof Heather Jarman - The EDCO and the importance of the Emergency Department in diagnosing CO poisoning
- Prof Chris Morris - The limitations of COHb and the critical search for a new biomarker
- Sean England - The possibilities of Pupillometry as a novel biomarker (15 mins each)

Panel Discussion / Q&A Session (20 mins)

11.40 – 12.10 **Coffee**

12.10 – 13.20 **Session 2: Treatments and Therapeutics**

Chair: Isabella Myers

- Professor Andrey Abramov – Neuroprotective strategies to improve treatment outcomes
- Dr Robert Dickinson - Determining the biological effects of repeated low level CO exposure
- Dr Steven White – The Neuropsychological effect of CO poisoning and how this might be treated (15 mins each)

Panel Discussion / Q&A Session (20 mins)

13.20 – 14.20 **Lunch**

14.20 – 15.30 **Session 3: Understanding Comorbidities and CO Exposure**

Chair: Prof Rob Chilcott

- Prof Derek Steele – The effects of CO poisoning on the heart
- Dr Mari Herigstad – The effects of CO poisoning on the brain
- Beth Cheshire – The effects of CO poisoning on older people (15 mins each)

Panel Discussion / Q&A Session (20 mins)

15.30 – 15.40 **Comfort Break**

15.40 – 16.50 **Session 4: Protecting at Risk Groups from CO Exposure**

Chair: Prof Andy Shaw

- Hilary Wareing – The effects of CO poisoning in pregnancy and upon the unborn child
- Dr Julie Connolly – The lived experience of those exposed to CO
- Emma Fraser – The risk of CO exposure on lived-on boats (15 mins each)

Panel Discussion / Q&A Session (20 mins)

16.50 – 17.00 **Conference Conclusions and Wrap Up**

17.15 – 18.45 **Drinks Reception – The Bishop Room**



Sandpit Agenda

08.45 – 09.15 Registration and Coffee

09.15 – 09.30 Introduction: Adrian McConnell

- Housekeeping
- Format of the day
- Objectives
- Introduce facilitators

09.30 – 09.40 Move into break out spaces

09.40 – 12.00 Discussion session

Refreshments to be delivered at 11.00

12.00 – 13.00 Move back to Harvey Goodwin Suite for feedback and review to wider group

13.00 – 13.15 Wrap up and next steps

Breakout Sessions location:

Group	Location	Subject area
1	Harvey Goodwin Suite	Improved Diagnosis
2	Harvey Goodwin Suite	Better Treatments and Therapeutics
3	The Council Room	The effects of CO on Vulnerable Groups

Attendance for the Sandpit event is by invitation only.

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**Our Special
Thanks To...**

...All of our specialist speakers, including

Professor Andrey Abramov
Professorial Research Associate; UCL
Institute of Neurology

Beth Cheshire
Lead Researcher, University of
Lancashire

Dr Julie Connolly
Senior Lecturer, Liverpool John Moores
University

Dr Robert Dickinson
Senior Lecturer, Imperial College
London

Sean England
Toxicology Research Group, University
Of Hertfordshire

Emma Fraser
Community Safety Senior Development
Officer – London Fire Brigade

Mari Herigstad
Senior Lecturer in Biosciences and
Healthcare at Sheffield Hallam
University

Professor Heather Jarman
Research Director Nursing, Midwifery
and Allied Health Professions, and
clinical research lead, Emergency
Department at St George's University
Hospitals NHS Foundation Trust

Charon McNabb
President and Founder, The National
Carbon Monoxide Awareness
Association (NCOAA)

Dr Chris Morris
Senior lecturer Translational and
Clinical Research Institute, Newcastle
University

Professor Derek Steele
Professor of Cellular Physiology, Faculty
of Biological Sciences, School of
Biomedical Sciences, Multidisciplinary
Cardiovascular Research Centre,
University of Leeds

Hilary Wareing
Director Improving Performance in
Practice (iPiP)

Dr Steven White
MA DPhil MB BChir MRCPsych FRCP

...Each of our session Chairs

Professor Shirley Price

Isabella Myers

Professor Robert Chilcott

Professor Andy Shaw