Circular Dichroism – Beyond α-Helix and β-Sheet

Join us for an informal seminar at EMBL Hamburg to learn about the latest applications of CD in Biological Research

Where        EMBL Hamburg
              c/o DESY, Petra III
              Building 48e (seminar room)
              Notkestrasse 85

When         Friday 10th August 2018
              13.00 – 16.00

Agenda

13.00         Welcome and Introduction (Sven Langner, Dr. Martin Textor)
               “Circular Dichroism – going beyond α-Helix and β-Sheet”.

13.30         Ina Buchholz, Institut für Biochemie, Zentrum für
               Innovationskompetenz (ZIK), HIKE, Greifswald
               “CD spectroscopy as a powerful tool to study protein conformational
               changes involved in autoimmune diseases”

14.00         Dr. Christian Löw, Group Leader, Centre for Structural Systems
               Biology, Hamburg
               “Identification of Ca2+ binding sites using CD spectroscopy”

14.30         Break

14.45         Dr. Maria Garcia Alai, Head of Facility Sample Preparation and
               Characterization, EMBL Hamburg
               “CD spectroscopy for studying IDPs and inducible helices”
15.15  Maria Kokkinidou, PhD student, Time-Resolved-Structural Biology Group, CFEL-TRSB group, CFEL/UNIHH

"X-ray solution scattering and crystallization experiments towards time-resolved structural studies of the membrane protein transporter, Mhp1."

15.25  Yvonne Bernal. PhD student, CSSB and HZI

“Characterization of the SpaO N-terminal domain”

15.35  Ge Yang, PhD student, DESY, Hamburg

“Thermal stability of human presenilins in detergent micelle studied by Circular Dichroism”

Register online at www.photophysics.com/news-and-events/embl-hamburg-seminar-germany/

For more information or to express your interest directly, email Sven Langner at sven.langner@photophysics.com

We look forward to seeing you there!
Location Information

Travel by plane:
From Hamburg Airport

Public Transport:
• Take the S-Bahn (local train network) from Hamburg airport (line S1, direction Blankenese/Wedel) to Othmarschen.
• From Othmarschen take Metrobus 1 to DESY, bus stop ‘Zum Hünengrab/DESY’ (2.85 Euro, 50 minutes).

Private Transport:
• Taxi - Directly from airport to DESY (ca. 35 Euro, approximately 30 minutes).

Travel by car:
• From motorway A7, take the exit Bahrenfeld (near the Elbe tunnel).
• At the traffic lights, turn west towards ‘Wedel’ (B431).
• After about 2 km, turn right into the Notkestraße, where DESY is signposted.
• After about 500 m turn left into the main gate of DESY.

Travel by train:
From Hamburg Altona train station take one of the following options:

1. Metrobus 1 (direction Schenefelder Holt) directly to the main entrance of DESY, bus stop ‘Zum Hünengrab/DESY’ (2.85 Euro; 25 minutes)
2. S-Bahn S1 or S11 (direction Blankenese/Wedel) to Othmarschen. From Othmarschen take Metrobus 1 (direction Schenefelder Holt) to ‘Zum Hünengrab/DESY’ (2.85 Euro; 15 minutes)
3. Taxi to EMBL, building 25a on the DESY campus (Notkestraße 85) (15 Euro; 20 minutes)
Site Entrance Map:

Contact Sven Langner at sven.langner@photophysics.com for more information.