

## Contact

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## Conference Fees

We will try to keep the costs as low as possible.  
Detailed information will be given in the next announcement.

## Travel Information

Detailed information will be given in the next announcement.



Universitätsmedizin Essen  
Universitätsklinikum



Zeche Zollverein • Schacht 12  
- Zollverein UNESCO World Heritage Site -  
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Mintrops Stadt Hotel Margarethenhöhe  
- Conference venue -  
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## 30th CEA Symposium

September 11 – 14 2022  
Mintrops Stadt Hotel Margarethenhöhe  
Essen, Germany

Dear members of the CEA-family,  
dear CEA-family researchers world wide,

this is the first announcement of the 30th CEA Symposium to be held in Germany 2022:

### **30th Annual International CEA Symposium September 11 - 14, 2022 in Essen, Germany**

The carcinoembryonic antigen (CEA) protein is well known for its occurrence in serum of human patients suffering from various types of epithelial tumors. Since its discovery in 1965 it has been used as an important diagnostic and prognostic marker of tumor progression. In past years, the existence of 28 genes/pseudogenes structurally related to the CEA gene was discovered. These are composed of the CEA (carcinoembryonic antigen) and the PSG (pregnancy specific glycoprotein) subgroups. Homologues to some of these genes have been found in a wide range of other species. Since re-nomenclature in 1999, members of this protein family, which in turn belongs to the immunoglobulin superfamily, are referred to as Carcino Embryonic Antigen-related Cell Adhesion Molecules (CEACAMs). CEA family members have multiple functions. They act as cell-cell communication molecules, as pathogen receptors, and as co-receptor for the T- and B-cell receptor, certain TLRs, VEGFR, EGFR and the insulin-receptor. They can control cell proliferation, differentiation and apoptosis, and modulate inflammatory reactions.

Since 1990, the Annual International CEA Symposium has allowed scientists with diverse interests to discuss their specific findings and to initiate collaborations. This meeting also provides the opportunity for younger scientists and researchers coming from other fields to

enter the CEA research area and to receive mentoring from already established scientists in the field.

The CEA Symposium represents a perfect platform for connecting people and therefore the field of CEA research has expanded rapidly over time.

We would like to invite all interested scientists to join the CEA Symposium in Essen, Germany. This symposium will provide a stimulating environment for the dissemination of new data and exchange of novel ideas.

The 30th Annual International CEA Symposium will be held at the Mintrops Stadt Hotel Margarethenhöhe in Essen, Germany (pictures). Being situated in a location with a special history and a multicultural community, the meeting will provide an ideal atmosphere to discuss the newest insights into the CEA field.

We are looking forward seeing you in Essen in September 2022!

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## Program

A detailed conference schedule will be available after abstract submission. Results will be presented by regular oral presentation (20+5 min) and short oral presentation by young scientists (5+3 min). Additionally, we plan a section for industrial partners who translate basic research into therapeutic approaches (from bench to bedside).

### **Preliminary program**

Session A: Cellular Infection

Session B: Cancer Immunity

Session C: From Bench to Bedside

Session D: Infection & Immunity

Session E: Cardio-Metabolic Disease

Session F: Biophysical Analysis & Modeling

Session G: PSG and more

Session H: Evolution of the CEA/PSG Family

## Registration

Registration will be via Email to the organizer.  
([bernhard.singer@uk-essen.de](mailto:bernhard.singer@uk-essen.de))

Deadline for registration and accommodation:  
May 15, 2022

## Abstract Submission

Deadline June 1, 2022

Abstracts should be submitted via Email to the organizer. ([bernhard.singer@uk-essen.de](mailto:bernhard.singer@uk-essen.de))

Detailed instructions will be given in the next announcement.