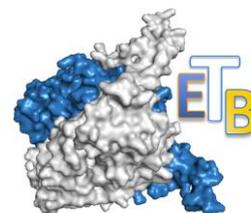


# Sponsorship Packages

## Advanced Course Trends in Enzymology and Biocatalysis



<https://teb2019.azuleon.org/>

**Date:** 27<sup>th</sup> – 31<sup>st</sup> May 2019

**Venue:** Hotel Caravel, Rome, Italy



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### Advanced Course Organisers

*Daniela De Biase*, Sapienza University of Rome, Italy

*Michael J. McLeish*, Indiana University-Purdue University Indianapolis (IUPUI), USA

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### Scientific Advisory Board

*Francesco Falcioni*, Astra Zeneca IMED, UK

*Paul F. Fitzpatrick*, UT Health San Antonio, TX, USA

*John Kozarich*, ActivX Biosciences, Inc., CA, USA

*Kai Tittmann*, Georg-August University Göttingen, Germany

*Maria Antonietta Vanoni*, University of Milan, Italy

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### Confirmed Speakers (in alphabetical order)

**Karen N. Allen**, Boston University, Boston, MA, USA (Opening Lecture)

**Serena Bisagni**, Johnson Matthey, Cambridge, UK

**John S. Blanchard**, Albert Einstein College of Medicine, New York, NY, USA

**Tim Börner**, Nestlé Research, Lausanne, Switzerland

**Francesco Falcioni**, Astra Zeneca IMED, Hurdsfield, UK

**Lucia Gardossi**, University of Trieste, Trieste, Italy (Closing Lecture)

**Fahmi Himo**, Stockholm University, Stockholm, Sweden

**John Kozarich**, ActivX Biosciences, Inc., La Jolla, CA, USA

**Maria Fatima Lucas**, Zymvol Biomodeling SL, Barcelona, Spain

**J. Richard Miller**, Merck and Co., Inc., Boston, MA, USA

**Bruce Palfey**, University of Michigan, Ann Arbor, MI, USA

**Dmitri Svergun**, EMBL Hamburg Unit, Hamburg, Germany

**Kai Tittmann**, Georg-August University Göttingen, Göttingen, Germany

**Christian P. Whitman**, University of Texas at Austin, Austin, TX, USA

**Cathleen Zeymer**, ETH Zürich, Zürich, Switzerland

## Course Background

In 2006, the Trends in Enzymology series was launched in Como, Italy with the aim of bringing together scientists from Europe and overseas to discuss and share their most recent work with nature's chemical catalysts. Over the meetings that followed (St. Malo, France in 2008; Ascona, Switzerland in 2010; Göttingen, Germany in 2012; Manchester, UK in 2014) it became clear that, as the study of enzymes benefited from multidisciplinary approaches and advanced techniques, so did the use of enzymes in a broad array of industrial settings (food, pharma and bioprocesses). Indeed, a recent analysis predicted that the contribution of enzymes to the global bioeconomy would exceed € 8 billion by 2021.

This rosy outlook suggests that, over the next several years, there will be **an increasing need for enzymologists** in both the academic and industrial sectors. Accordingly, it is an appropriate time for the series, now Trends in Enzymology and Biocatalysis, to provide an advanced course which highlights the link between a fundamental understanding of the properties of enzymes and their "real-life" applications.

**An outstanding panel of international speakers will provide course participants, ideally graduate students and early-stage researchers, with updates on a cross-section of approaches to the study of enzymes and the development of novel biocatalysts.** The live-in course will foster interactions with the individual speakers, as will the daily workshops/discussions, the afternoon poster sessions, and the social evenings.

## Meeting Location

The Advanced Course will take place at the [Hotel Caravel](#). Located at via Cristoforo Colombo, 124 - 00147 ROME, the Caravel Hotel lies between Rome's historic center and the EUR business district. Located close by are archeological sites such as the [via Appia Antica](#) and the [Baths of Caracalla](#), as well as a number of famous green areas such as the [Parco della Caffarella](#).

## Participants Profile

By providing a forum to enhance the participation of **junior scientists** in a stimulating, yet relaxed and informal atmosphere, similar to that of the US-based Gordon Research Conferences, this Advanced Course will offer participants a chance to enhance their knowledge and develop new scientific and personal relationships. This advanced course provides an opportunity for **graduate students, post-docs and junior faculty** to interact with an outstanding panel of speakers, all of whom are experts in their field.

## Scientific Programme

Over four days our speakers will provide a refresher on the traditional approaches to the study of enzymes, introduce you to modern approaches, and show you the variety of directions the field is headed.

### The traditional approaches will include:

- Generating and interpreting data using steady-state and transient kinetic methods.
- Kinetic isotope effects.
- Mechanisms of enzyme inhibition.

### Modern approaches will include:

- The use of structural and biophysical techniques to study enzyme mechanism and dynamics.
- Computational enzymology.
- Chemoproteomics in enzyme and drug action.

### Future directions:

- Discovery of new enzyme activities.
- *In silico* enzyme evolution.
- Directed evolution of artificial enzymes.
- Biocatalysis, process development and the bioeconomy.

Lectures will be presented in the mornings. They will be followed, after lunch, by facilitated small group discussions including, where appropriate, demonstrations and simulations. Participants will be encouraged to present posters in the late afternoon sessions, and to take the opportunity for individual discussions with the speakers, who will be available throughout the course.

Before the closing lecture, there will be a **panel discussion with representatives of academia and industry** providing their perspectives and predictions on what the future holds for careers in enzymological research and development.

The course will conclude with a dinner at a traditional Roman restaurant and **the award of poster prizes**.

## COMMERCIAL SPONSORSHIP PACKAGES\*

### PLATINUM SPONSORS

- Verbal acknowledgement as Conference Sponsors at the opening and closing of the meeting
- Colour advert on the holding screen in the main auditorium at the start of each session
- Full page colour advert in the conference programme (artwork to be supplied by sponsor by the advised deadlines)
- Acknowledgement as Platinum Conference Sponsor on the Advanced Course abstract book
- Company logo on conference website
- Pull-up banner (provided by the company) at the registration desk
- A flyer or brochure in the conference pack
- One complimentary registration for a company employee
- A table in the Hall of the Caravel Hotel for the whole duration of the Advanced Course

### GOLD – SPONSORS

- Colour advert on the holding screen in the main auditorium at the start of each session
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**\*Details about sponsorship packages and quotations can be obtained by contacting the organisers at:**

[TEB.2019@azuleon.org](mailto:TEB.2019@azuleon.org)