IPI Academy

MANAGEMENT forum



Presented by
Management Forum

The Principles & Applications of CRISPR

22 January 27
+ 6 July 27

Master CRISPR genome editing fundamentals and real-world applications in medicine, research, and biotechnology with expert-led training and certification.

Format:
Live online

CPD:
3 hours for your records

Certificate of completion

Course overview

This course offers an in-depth exploration of CRISPR (Clustered Regularly Interspaced Short Palindromic Repeats) technology, covering its discovery, molecular mechanisms, and advantages over other genome editing tools. Participants will learn how CRISPR is applied in research, medicine, diagnostics, and biotechnology, while also examining the ethical, legal, and societal implications of gene editing. Designed for students, researchers, medical professionals, and industry experts, the program combines foundational knowledge with real-world case studies to equip attendees with both technical insights and a critical understanding of where CRISPR is taking science and medicine.

Benefits of attending

- **Gain** an in-depth understanding of CRISPR.
- **Learn** the fundamentals of CRISPR-Cas systems and how they revolutionised genome editing
- **Explore** real-world applications and discover how CRISPR is used in medicine, agriculture, diagnostics, and biotech R&D
- **Stay informed** about ethical and regulatory trends and understand the societal and legal environment surrounding gene editing technologies
- **Enhance** your academic and career profile by gaining a certificate of participation after attending the course

Who should attend?

- Medical professionals & clinicians, especially those interested in gene therapy, precision medicine, or rare disease treatment
- Biotech industry professionals working in drug development, diagnostics, or personalised medicine
- R&D staff in biotech and pharma companies
- Lab technicians & research assistants involved in molecular biology workflows and genome editing protocols
- Bioinformatics & computational biology professionals interested in CRISPR guide RNA design, off-target analysis, or CRISPR data interpretation
- Science communicators & policy makers interested in the societal, ethical, and regulatory implications of gene editing
- Faculty members & academicians looking to update their knowledge or incorporate CRISPR into teaching or research
- Anyone with a science background interested in knowing about the magic of CRISPR

Presenter



Sayed Goda

Sayed K Goda, a biochemistry and drug discovery professor, has a robust academic background. He earned a BSc in Chemistry and an MSc in organic chemistry from Cairo University, Egypt. He then pursued a PhD in Biochemistry from the University of Southampton, UK. Recognising the pivotal role of technology management in his field, he obtained an MBA in technology management from the Open University, UK, in 2000. His diverse educational background equips him with a unique perspective and a broad range of skills, making him a valuable asset in the field of biochemistry and drug discovery.

After completing his PhD, Sayed embarked on a leadership journey at the Porton Down establishment in Salisbury, UK, where he served for fourteen years as a senior scientist and a team leader. During that time, he led commercial and medically sensitive research. He employed protein engineering to produce novel commercially and medically important proteins.

In 2002, Sayed's academic prowess and leadership skills led him to a professor position at Cairo University, Egypt. His tenure was marked by transformative contributions, notably the establishment of a new BSc Biotechnology program. He also supervised many successful MSc and PhD degrees.

In 2006, Dr. Goda accepted a professor position at Qatar University, Qatar, where he taught many major courses in biochemistry and biotechnology and successfully obtained many research grants.

In 2012, Sayed's expertise and reputation led him to a senior scientist and Professor position at the Antidoping laboratory in Qatar. He led research in various fields and established a protein engineering laboratory here. His exceptional ability to secure research funds, totalling over two million, for cancer-targeting drug discovery projects. His collaboration with Groningen University, Netherlands, resulted in the successful completion of four Ph. Ds and numerous publications, further solidifying his status as a prolific researcher.

Sayed has years of commercial and medical research experience in a conventional research institute in the UK.

He is also a regular reviewer for many high-impact journals, and he is currently a guest editor for Cancers.

Course dates

22 January 27	**Live online** 09:30-13:00 **UK (London)** (UTC+00) *Course code 16974*	GBP **350** ~~400~~ EUR **490** ~~560~~ USD **562** ~~640~~ **Until 27 Nov**
6 July 27	**Live online** 09:30-13:00 **UK (London)** (UTC+01) *Course code 17290*	GBP **350** ~~400~~ EUR **490** ~~560~~ USD **562** ~~640~~ **Until 11 May**

How to book

Online:
ipi.academy/2752

Alternatively contact us to book, or if you have any queries:

Email:
info@ipiacademy.com

Phone:
+44 (0)20 7749 4749

Discounts

- Booking more than one delegate on any one date qualifies for a **30% discount** on the second and subsequent places.
- Most events qualify for an **early booking discount** prior to 6 weeks before the course date. Be sure to check on our website, where the latest discounts will be shown.

Further information

Fee
The fee includes all meals and refreshments for the duration of the course (for venue-based courses) and a complete set of course materials (provided electronically). If you have any particular requirements, please advise customer services when booking.

Please note
IPI Academy (and our training partners) reserve the right to change the content and timing of the programme, the speakers, the date and venue due to reasons beyond their control. In the unlikely event that the course is cancelled, we will refund the registration fee and disclaim any further liability.

Terms and conditions
The rest of the our terms, the event cancellation policy and the terms and conditions are on our website, please visit ipi.academy/content/terms-and-conditions

Run this programme in-house for your whole team

Coming to IPI Academy for your in-house training provides an all-inclusive service which gives you access to a wide variety of content, learning platforms and delivery mechanisms as well as your own personal training adviser who will work with you from the initial enquiry through to feedback and follow-up after the programme.

With over 600 trainers, all practitioners and experts across a huge range of fields, we can provide the training you need, where you need it, when you need it, and at a price which suits your budget. Our approach to tailored learning and development consists of designing and delivering the appropriate solution for each client.

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ALEKSANDRA BEER
Tel: +44 (0)20 7749 4749
Email:
inhouse@ipiacademy.com



YESIM NURKO
Tel: +44 (0)20 7749 4749
Email:
inhouse@ipiacademy.com



Harry ALTAMONT
Tel: +44 (0)20 7749 4749
Email:
inhouse@ipiacademy.com

IPI Academy

IPI Academy is a training initiative of Falconbury and Management Forum; leading providers of industry training for over 30 years, based in the UK.

10-12 Rivington Street
London EC2A 3DU

ipi.academy
Tel: +44 (0)20 7749 4749
Email: info@ipiacademy.com