

# One Nucleus Training Portfolio

# Introduction

We recognise that a company's employees are its most valuable asset. Rapidly growing companies often underestimate the value of staff development. We have developed a portfolio of training courses designed to help life science companies build an experienced and cohesive workforce.

Silver members receive a discount on list prices, Gold members, Partners and Corporate Sponsors receive enhanced discounts plus priority booking.

We are constantly developing courses on new subjects as our members' needs change as well as discussing new methods of delivering training courses, including eLearning. We are excited to be exploring new avenues of learning and making training interactive for our delegates.

We are proud to be working with a number of companies to deliver our portfolio. Our soft skill providers are listed on the next page.

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## **Technical Courses:**

- A BioSafety Masterclass: Building and Maintaining Competence in BioSafety
- Biological Safety: Management and Practice (2 day course)
- Laboratory Health and Safety (1 day)
- The Safe Use and Management of Laboratory Gases

## **Intro to.... Courses:**

- Introduction to Contracts
- Introduction to Drug Development
- Introduction to Drug Discovery - From Idea to Clinical Candidate
- Creating New Medicines
- Effective Management of Life Science Projects
- Presentation Skills for Scientists

## **Online Courses:**

- Introduction to Managing Life Science Projects
- Introduction to Drug Discovery

## **Soft Skill Providers:**

- Citrine Wellness
- Health & Safety Works
- Reading Scientific Services Limited
- RiverRhee Consulting
- Wellcome Sanger Institute

## Technical Courses

## A BioSafety Masterclass: Building and Maintaining Competence in BioSafety

<b>Audience</b>	<p>This Masterclass is designed to remind you of what you once knew (but may have forgotten!) about biological safety so it assumes a certain basic knowledge.</p> <p>Previous delegates who have benefited from Biological Safety courses include:</p> <ul style="list-style-type: none"><li>- Biosafety Officers</li><li>- BioPharma directors and managers</li><li>- Biosafety Administrators (industry and universities)</li><li>- Biosafety committee member</li><li>- Engineers, chemists</li></ul>
<b>Duration</b>	<p>A one day course.</p>
<b>Objectives</b>	<p>Using a mix of formal presentation, class exercises and syndicate work you should, by the end of the session, have:</p> <ul style="list-style-type: none"><li>• Reminded yourself about the legal background</li><li>• Revisited the principles and practice of assessing risk</li><li>• Applied those principles in the biological context</li><li>• Reviewed appropriate standards of laboratory management and operation</li><li>• Reflected on changes for the future and drawn up an action plan</li></ul> <p><b>Before you attend:</b> find two examples of risk assessments for activities that involve biological hazards, minutes of your last safety committee, a copy of your spill procedure and notes or report from an inspection done within the last 3 months. Bring these with you to review as part of the action planning exercise.</p>
<b>Cost</b>	<p>Gold member: £357 + VAT Silver member: £433.50 + VAT Non-member: £510 + VAT</p>

## Biological Safety: Management and Practice

(IOSH accredited)



<b>Audience</b>	The course is aimed at those fairly new to the role and mostly focuses on work at ACDP containment levels 1 and 2 and work with GMOs. However, experienced BSO will also benefit from the course.
<b>Duration</b>	A two day course.
<b>Objectives</b>	To improve your knowledge of Biosafety and consequently develop the competency and confidence to perform your role as a Biological Safety Officer more effectively. The course is predominantly aimed at those fairly new to the role and mostly focuses on work at ACDP containment levels 1 and 2 and work with GMOs. However, experienced BSO's will also benefit from the course.
<b>Cost</b>	Gold member: £714 + VAT Silver member: £867 + VAT Non-member: £1020 + VAT

## Laboratory Health and Safety

<b>Audience</b>	Laboratory safety representatives or laboratory workers.
<b>Duration</b>	A one day course.
<b>Objectives</b>	<p>This one-day intensive course is all about health and safety in the laboratory setting. Using lots of practical examples and scenarios from different laboratories, participants will learn about health and safety legislation and the principles of safe working as it applies to them.</p> <p>As this course is designed to be as relevant to participants own working environments as possible, a small amount of preparatory work is required before attending.</p> <p><b>Learning Outcomes</b> After attending this course participants will:</p> <ul style="list-style-type: none"><li>• Understand why safety is important</li><li>• Have a basic understanding of health and safety legislation</li><li>• Understand and be able to apply the principles of risk assessment</li><li>• Understand the main requirements of the Control of Substances Hazardous to Health (COSHH) Regulations 2002 (as amended).</li><li>• Identify how the Dangerous Substances and Explosives Atmospheres Regulations 2002 apply to their laboratory.</li><li>• Have an understanding of appropriate safe working practices in the laboratory</li><li>• Be able to identify the main health and safety risks in their laboratories and the reasons to control those risks.</li><li>• Be able to take appropriate action in the event of an accident or spillage including reporting and investigating accidents</li><li>• Identify the health and safety implications associated with lifting and handling and with repetitive tasks including ergonomic risks in the laboratory.</li><li>• Have drawn up an Action Plan for taking forward learning points.</li></ul>
<b>Cost</b>	Gold member: £213.50 + VAT Silver member: £259.25 + VAT Non-member: £305 + VAT

## The Safe Use and Management of Laboratory Gases

<b>Audience</b>	This workshop is designed to enable Laboratory Managers and Supervisors, Stores Managers and Facilities Managers to effectively identify and control compressed gases safety.
<b>Duration</b>	A one day course.
<b>Objectives</b>	The workshop uses real life case studies and introduces delegates to tools and techniques to identify work patterns that create risk. Delegates are taken from first principles to in-depth modules on a range of topics all fully supported with checklists, audit tools and documentation to check compliance in accordance with current Codes of Practice and Pressure Systems Regulations.
<b>Cost</b>	Gold member: £224 + VAT Silver member: £272 + VAT Non-member: £320 + VAT



## Introduction to ... Courses

## Introduction to Contracts

<b>Audience</b>	<p>Anyone involved in negotiating and managing contracts in a life sciences firm or university tech transfer office. In a small company this could be all or any of the founders. In a larger one it might be the:</p> <ul style="list-style-type: none"><li>• Managing Director of CEO</li><li>• CFO or FD</li><li>• COO</li><li>• Company Secretary</li><li>• Contracts Officer</li><li>• Office Manager</li></ul>
<b>Duration</b>	<p>A one day course.</p>
<b>Objectives</b>	<p>Basic contract law issues e.g.:</p> <ul style="list-style-type: none"><li>• Privity</li><li>• Consideration</li><li>• Warranties and indemnities</li><li>• Limits on liability</li><li>• Competition law</li><li>• Termination</li><li>• Assignment, subcontracting and change of control</li><li>• Dispute resolution</li></ul> <p>Different types of contract for life science companies ie:</p> <ul style="list-style-type: none"><li>• Assignments</li><li>• Confidentiality agreements</li><li>• Materials evaluation agreements</li><li>• Licences in and out</li><li>• R&amp;D contracts</li><li>• Manufacturing and process development</li><li>• Distribution and agency</li><li>• Terms of purchase and supply</li><li>• Industry specific contracts e.g. website terms, software, tissue banking, clinical trials</li></ul> <p>Practical points e.g.:</p> <ul style="list-style-type: none"><li>• Data privacy</li><li>• Perils and pitfalls in contract drafting</li><li>• Using standard form contracts</li><li>• Negotiating strategy and relationship management</li><li>• National considerations</li><li>• When to involve professional advisors</li></ul>
<b>Cost</b>	<p>Free to attend</p>

## Introduction to Drug Development

<b>Audience</b>	Non-scientific professionals, those who are employed by science-based companies or by organisations supplying services to those companies.
<b>Duration</b>	A one day course.
<b>Objectives</b>	<p>The programme is designed to give delegates a broad understanding of how the science-based companies work and an appreciation of their objectives and methods. About 30 minutes is devoted to a gentle overview of a small number of fundamental science concepts used in the sector.</p> <p>We consider the steps from research/discovery through all aspects of development, manufacture, regulatory approval and marketing. Additionally, we review how activities like financing, intellectual property and licensing are brought into play.</p> <p>The general industry structure (pharmaceutical, biotechnology and vaccines) background is also explored; who are the players, how big/small, how do they interact with each other and with various service organisations.</p>
<b>Resources</b>	All delegates receive the full slide set, a comprehensive glossary of relevant technical terms (for on-going reference) and a selection of useful (non-scientific) papers to consult.
<b>Cost</b>	Gold member: £357 + VAT Silver member: £433.50 + VAT Non-member: £510 + VAT

## Introduction to Drug Discovery – From Idea to Clinical Candidate

<b>Audience</b>	Science-based professionals: biologists, molecular biologists, chemists, preclinical development scientists, informaticians, patent attorneys, project managers and general managers.
<b>Duration</b>	A one day course.
<b>Objectives</b>	<p>The course is a 'one-stop-shop' outlining the major scientific tools of drug discovery, namely: Drug Discovery Biology, ADMET/PK/PD, Medicinal Chemistry, Informatics/Virtual technologies and how these contributions are phased over time and integrated to generate a drug suitable for clinical trials.</p> <p>The focus is on small molecule drugs with comparisons made with biologics. Based on real-world experience and practical realities, attendees travel step-by-step along a typical drug discovery path, namely: Initiating Idea -&gt; Drug Target Protein Selection -&gt; Lead Identification -&gt; Clinical Candidate Nomination.</p> <p>Essential related topics include drug discovery technology platforms, drug structural-functional quality attributes and Project management tools, namely Target Product Profile (TPP) use.</p> <p>Key technology and infrastructure requirements are also covered in the course.</p>
<b>Cost</b>	Gold member: £357+ VAT Silver member: £433.50 + VAT Non-member: £510 + VAT

## Creating New Medicines

<b>Audience</b>	Scientists/technologists in the Life Science sector, also aimed at those who have transferred from Universities or Institutes into the Corporate environment or are considering doing so.
<b>Duration</b>	A one day course.
<b>Objectives</b>	<p>Most participants are expected to operate in a specific field in which they are expert while others (in other departments) address different, but equally essential, aspects of the path from basic discovery through to a drug/vaccine actually being used by patients.</p> <p>The aim of the programme is to illuminate how the entire set of activities links together to generate success while acknowledging the number and complexity of the hurdles that a drug has to pass (recognising that many candidate products do not actually make it) - and noting the time and cost of the effort required.</p> <p>The course also includes a look at biotechnology in the wider context, the size of the sector and how it relates to the pharmaceutical industry.</p>
<b>Resources</b>	All delegates receive the full slide set and a selection of useful (non-scientific) papers to consult.
<b>Cost</b>	Gold member: £357 + VAT Silver member: £433.50 + VAT Non-member: £510 + VAT

## Effective Management of Life Science Projects

<b>Audience</b>	People newly appointed as Project Managers, Service Organisation Account Managers, or specialist staff who need to add the management of a project to their current role. More experienced project managers who need to refresh or add best practice to their skill set.
<b>Duration</b>	Two one day modules – you can choose to attend one or both days. A discount in excess of 25% available if you book both days.
<b>Objectives</b>	<p>By taking this training programme, you will be able to address projects in small-to-medium biotech, pharma, academic and service businesses, which are generally more challenging than rolling out a simple plan. It will focus on life science culture rather than a generic project process model. Content is based on practical experience, complementing and enhancing other more formal qualifications available.</p> <p>Module 1 - plans, processes and templates – delegates will be able to:</p> <ul style="list-style-type: none"><li>• Clarify expectations, roles and responsibilities</li><li>• Work with a team to plan, budget, manage risk, communicate and deliver</li><li>• Monitor and report progress</li><li>• Build effective business cases to influence decisions.</li></ul> <p>Module 2 - people, leadership and teams – delegates will be able to:</p> <ul style="list-style-type: none"><li>• Kick off and build the team</li><li>• Use straightforward ways to lead cross-functional teams without direct authority</li><li>• Establish an effective relationship across a mixed team and with senior management</li><li>• Overcoming performance problems and conflict.</li></ul>
<b>Cost</b>	<p><b>Individual one day modules:</b> Gold member: £357 + VAT Silver member: £433.50 + VAT Non-member: £510 + VAT</p> <p><b>Both modules (total two days):</b> Gold member: £525 + VAT Silver member: £637.50 + VAT Non-member: £750+ VAT</p> <p>If you wish to book both modules for the same person, please contact <a href="mailto:training@onucleus.com">training@onucleus.com</a> for a code to obtain the reduced price for their second module. The code must be entered at the time of booking the second module and cannot be applied retrospectively.</p>

## Presentation Skills for Scientists

<b>Audience</b>	Junior research scientists (all disciplines) from academia and industry, particularly those starting to present their work at conferences and seminars. It is also useful for scientists who want to present technical material to companies or investors.
<b>Duration</b>	A one day course.
<b>Objectives</b>	<p>To help delegates to identify their strengths and weaknesses in presenting a scientific talk, both in verbal delivery and in the organisation of visual material.</p> <p>To provide detailed guidance on both of the above aspects of scientific presentation so that delegates can use this for their own professional development.</p>
<b>Content</b>	<p>The one day course, unlike many presentation skills courses, is designed specifically for the practising scientist. We cover all aspects of verbal scientific communication, asking delegates to present their own research in a conference format prompting feedback on style and content. Because of our expertise in both science and communication skills, we help to solve common problems (such as nervousness and voice control), as well as those unique to scientists presenting the results of their research.</p> <p>The day begins with practical instruction on key topics associated with slide content and the process of verbal delivery. Each delegate is then asked to deliver a short scientific presentation with digital slides and to answer questions. The whole process is filmed and played back to highlight positive aspects of delivery style and talk content, as well as to identify areas that require improvement.</p> <p>We usually recommend that a maximum of ten delegates attend each session to ensure that each individual gets as much attention as possible. The trainers Ed Zanders and Lindsay MacLeod have written <b>Presentation Skills for Scientists - a Practical Guide</b> which delegates will receive at the end of their course.</p>
<b>Cost</b>	Gold member: £357 + VAT Silver member: £433.50 + VAT Non-member: £510 + VAT

## Online Courses



## Introduction to Managing Life Science Projects

<b>Audience</b>	People newly appointed as Project Managers, Service Organisation Account Managers, or specialist staff who need to add the management of a project to their current role.
<b>Duration</b>	8, 1-hour eLearning modules
<b>Objectives</b>	<p>By completing this eLearning course, you will be able to address project delivery in small to medium biotech, pharma, academic and service businesses. Learning focuses on projects in the life science environment, not just generic PM skills.</p> <p>This course presents a comprehensive introduction, with access to useful tools, tips and templates.</p>
<b>Content</b>	<p>Topics covered:</p> <ul style="list-style-type: none"><li>• Clarifying a vision for a project and building an agreement with sponsors</li><li>• Clarifying expectations, roles and responsibilities</li><li>• Kick off, building a project team and communication plan</li><li>• Building a project plan</li><li>• Assessing risks and creating effective project measures</li><li>• Leading a cross-functional team without direct authority</li><li>• Influencing senior decision-makers</li><li>• Managing performance problems and conflict</li><li>• Keeping performance on track</li><li>• Managing routine problems and issues</li><li>• Exit and review learning from a project</li></ul>
<b>Cost</b>	Gold member: £560 + VAT Silver member: £680 + VAT Non-member: £800 + VAT
<b>How It Works</b>	<ul style="list-style-type: none"><li>• 8 eLearning modules, split into multiple bitesize activities and videos</li><li>• Quizzes to test your knowledge</li><li>• Direct contact with the trainer through the forum for 4 weeks</li><li>• Revisit the content with unlimited access to all the materials for 2 months after completion</li><li>• Access the discussion forum to interact with other students</li><li>• Additional content available to download</li><li>• This course has been developed by One Nucleus in Partnership with PTI Informa, you will be given a link to their online portal within 3 working days of registration.</li></ul>

## Introduction to Drug Discovery – From Idea to Clinical Candidate

<b>Audience</b>	Science-based professionals: biologists, molecular biologists, chemists, preclinical development scientists, informaticians, patent attorneys, project managers and general managers.
<b>Duration</b>	A two day course.
<b>Objectives</b>	<p>The course is a 'one-stop-shop' outlining the major scientific tools of drug discovery, namely: Drug Discovery Biology, ADMET/PK/PD, Medicinal Chemistry, Informatics/Virtual technologies and how these contributions are phased over time and integrated to generate a drug suitable for clinical trials.</p> <p>The focus is on small molecule drugs with comparisons made with biologics. Based on real-world experience and practical realities, attendees travel step-by-step along a typical drug discovery path, namely: Initiating Idea -&gt; Drug Target Protein Selection -&gt; Lead Identification -&gt; Clinical Candidate Nomination.</p> <p>Essential related topics include drug discovery technology platforms, drug structural-functional quality attributes and Project management tools, namely Target Product Profile (TPP) use.</p> <p>Key technology and infrastructure requirements are also covered in the course.</p>
<b>Cost</b>	Gold member: £357+ VAT Silver member: £433.50 + VAT Non-member: £510 + VAT

## Soft Skill Providers

## Citrine Wellness



### Courses

Mental Health Awareness

### Contact details

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Email: [susie@mycitrinewellness.co.uk](mailto:susie@mycitrinewellness.co.uk)

Website: [www.mycitrinewellness.co.uk](http://www.mycitrinewellness.co.uk)

## Health & Safety Works



### Courses

IOSH Laboratory Safety

### Contact details

**David Oates**

Telephone: 01223 265622

Email: [doates@healthandsafetyworks.co.uk](mailto:doates@healthandsafetyworks.co.uk)

Website: [www.healthandsafetyworks.co.uk](http://www.healthandsafetyworks.co.uk)



**Courses**

Active Pharmaceutical Ingredients Auditing  
Data Integrity  
Good Distribution Practice  
Good Manufacturing Practice  
Good Manufacturing Practice in the Laboratory  
Introduction to Pharmaceutical Microbiology  
Introduction to Validation  
Pharmaceutical Documentation Requirements  
Pharmaceutical Practical Auditing Skills  
Quality Management Systems (QMS) Auditor/Lead Auditor  
Quality Risk Management  
Reducing Human Error  
Responsible Person  
Technical Report Writing  
Technology Transfer

**Contact details**

**RSSL Training Team**  
Telephone: 01189184076  
Email: **[bookings@rssl.com](mailto:bookings@rssl.com)**  
Website: **[www.rssl.com/pharmaceutical-training](http://www.rssl.com/pharmaceutical-training)**



<b>Courses</b>	Assertiveness Coaching Skills for Managers Conducting Effective Performance Reviews and Appraisals Effective Influencing and Communication The First Steps in Selling Introduction to Lean and Six Sigma Introduction to Management Managing Change One Day Supervisor's Course Recruitment and Employee Relations for Managers Recruitment and Interviewing Skills Transition to Leadership Two Day Line Manager Course
<b>Contact details</b>	<b>Elisabeth Goodman</b> Telephone: 07876130817 Email: <a href="mailto:info@riverrhee.com">info@riverrhee.com</a> Website: <a href="http://www.riverrhee.com">www.riverrhee.com</a>



<b>Courses</b>	360 Degree Feedback Package Management in Action Managers: Stepping into Management Personality Psychometric Package Supervisors: Stepping into Management Talented Womens' Impact Programme
<b>Contact details</b>	<b>Rachael Dent</b> Telephone: 01223496964 Email: <a href="mailto:seed@sanger.ac.uk">seed@sanger.ac.uk</a> Website: <a href="http://www.sanger.ac.uk">www.sanger.ac.uk</a>