



## Job Description

<b>College/Management Unit</b>	Systems Biology Ireland
<b>School/Unit</b>	Systems Biology Ireland
<b>Post Title &amp; Subject Area (if relevant)</b>	Servier Chair in Systems Pharmacology
<b>Post Duration</b>	
<b>Reports to</b>	Prof Walter Kolch & Prof Boris Kholodenko
<b>HR Reference No.</b>	004043
<b>HR Administrator</b>	Deidre Wilmot

### Position Summary

This Chair is sponsored by Servier (<http://www.servier.com/>), a leading European pharmaceutical company with a strong commitment to and investment in research and development. The Chair will be based within Systems Biology Ireland (SBI; <http://www.ucd.ie/sbi/>). SBI focuses on elucidating the design principles of signal transduction networks in mammalian cells and applying this knowledge to important questions in biology and biomedicine, such as cell fate decisions (differentiation, proliferation and apoptosis), and disease relevant functional behaviour, such as cell migration. A main aim of SBI's research is to develop and apply computational models that open new avenues for the treatment of human diseases. Thus, we are building up programmes which take advantage of our mathematical modelling capacities to drive the discovery of new medicines based on a mechanistic understanding and computational simulation of molecular pathogenetic principles.

**Salary: €107,964 - €138,719 per annum**

Appointment on scale will be made commensurate with qualification and experience.

### Principal Duties and Responsibilities

The postholder will be based in SBI and will have a research focussed role. The postholder will have substantial freedom to shape the role and contents of the research programme, but is expected to be active in the following areas.

- We are looking for an outstanding scientist who wants to work in a highly interdisciplinary environment and can engage different disciplines to build a world class research programme.
- While the emphasis of this post is on experimental research, the Chair will have a strong interest and proven experience in collaborating with mathematical and computational colleagues to deliver a systems level approach as an integral part of his/her research.
- The Chair will deploy state-of-the-art technologies, in particular different types of –omics technologies, to address big questions in the field.
- The Chair will have a strong interest and background in chemical biology that will devise new methods to probe, elucidate and manipulate signal transduction networks using chemical compounds.
- An emphasis of the research programme should be to use mathematical/computational models to enhance the discovery of new drugs or druggable entities.
- Provide leadership in funding initiatives to attract large interdisciplinary research projects to SBI.
- Additional duties may be required from time to time as requested by the SBI Director or his nominee.

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## Selection Criteria

Selection criteria outline the qualifications, skills, knowledge and/or experience that the successful candidate would need to demonstrate for successful discharge of the responsibilities of the post. Applications will be assessed on the basis of how well candidates satisfy these criteria.

### Mandatory

- An excellent track record and international reputation in chemistry, pharmacology, life science, systems biology discipline, or ideally combinations thereof.
- Minimum of 5 years experience in a Principal Investigator's role in charge of complex interdisciplinary projects and/or large teams in dynamic research or R&D environments
- Excellent project management skills on all levels from "shop floor" management to the design and implementation of strategic plans
- A strong and proven ability to work in and shape an interdisciplinary research environment.
- Proven experience in establishing and managing meaningful and productive partner relationships across boundaries between scientific disciplines and cultures, and academia and industry
- Excellent people-management skills: the ability to manage individuals and teams in a positive and proactive way; strong negotiation and conflict resolution skills
- Excellent communication and presentation skills across all communication channels (oral, written, presentation etc.)

### Desirable

- Experience of managing large-scale, interdisciplinary consortia with a particular emphasis on multi-site collaboration

## Further Information for Candidates

### Supplementary information

The University:	<a href="http://www.ucd.ie/aboutucd.htm">http://www.ucd.ie/aboutucd.htm</a>
The College/Management Unit:	
The School/Programme Office/Unit:	<a href="http://www.ucd.ie/sbi">http://www.ucd.ie/sbi</a>

### Relocation Expenses

- Will not apply
- Will be applied in accordance with the UCD policy  
<http://www.ucd.ie/hr/html/manual/remvexp.pdf>

### Informal Enquiries ONLY to:

Name:	Walter Kolch & Boris Kholodenko
Title:	Profs

Email address:	<a href="mailto:systemsbiology@ucd.ie">systemsbiology@ucd.ie</a>
Telephone:	

**Particular to this position**

Conditions specific to this post (if any):

<ul style="list-style-type: none"><li>• n/a</li></ul>
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