

## ScientiQ Academy: project "Dutchlab Experience" 2012:

*Several Dutch laboratories cooperate this year in our internship project. Below we give a description of a selection of the companies that will offer places in the project.*

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### **Agricultural Laboratory "Zeeuwsch-Vlaanderen"**

Laboratorium "Zeeuwsch-Vlaanderen" analyzes and advises on food safety, environment and agriculture both nationally and internationally.

The control of food proceeds according to Dutch and European legislation. They also check water and soil samples. One of the specialities is checking fruit and vegetables on pesticides

You will be working with highly advanced equipment and a wide range of analytical techniques such as GC-MS and LC-MSMS.

**Background/ Interest of the candidate: Bsc/ MSc Level and knowledge about chemistry (chromatography).**

More info at [www.labzvl.nl](http://www.labzvl.nl)

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### **Aqualab Zuid BV**

Aqualab Zuid BV is active in researching water quality, the main area of the (drinking) water sector. The work consists mainly of conducting analysis for the statutory measurement, process control and quality assurance in the extraction, purification and supply of water.

Aqualab Zuid BV offers a wide range of microbiological, inorganic and organic analysis. The analysis can be conducted in the following matrices: Drinking water, Groundwater, Surface water, Wastewater, Process water, Bathing water and (Drinking Water) chemicals

For this analysis Aqualab Zuid has advanced analytical equipment (like ICP, GC etc.) and well trained staff.

**Background/ Interest of the candidate: Bsc/ MSc Level and knowledge about chemistry (chromatography) and/ or microbiology.**

More info at [www.aqualabzuid.nl](http://www.aqualabzuid.nl)

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### **Nickerson-Zwaan**

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Nickerson-Zwaan is an international organization active in breeding, production, processing, marketing and sales of vegetable seeds. Their head office is in Made (Netherlands). They also have offices in Tuitjenhorn and Rilland (Netherlands), England, Germany, Poland, South Africa and Ukraine. Nickerson-Zwaan has

approximately 230 employees and is part of Groupe Limagrain, one of the largest seed companies in the world.

At Nickerson-Zwaan is constantly working to develop new vegetable. Maintaining the quality of existing varieties is ensured by the Quality Assurance department. These two departments work closely with the Research Laboratory in Made where molecular biological techniques are developed and implemented. One of the keys that is used is the DNA fingerprinting of plants with molecular markers.

During the internship you will frequently come into contact with DNA isolations, PCR, capillary electrophoresis, where DNA sequencing, data analysis and some statistical data processing. You will be working in a small, young and dynamic team of analysts who each have their own specialization. This allows a lot to learn in a relatively short time.

**Background/ Interest of the candidate: Bsc/ MSc Level and clear molecular bio (techno) logical background and interests. Specific molecular knowledge of plants and / or processing is a plus but not required.**

More info at [www.nickerson-zwaan.com](http://www.nickerson-zwaan.com)



## Farmalyse/ Bactimm



Bactimm B.V. & Farmalyse B.V. offers contract services for the pharmaceutical, medical devices, cosmetics industry and hospitals, with dedicated centres of excellence for Microbiological and Pharma-Chemical Investigations.

They combine chemical and microbial product knowledge with quality control testing, method development and validation studies. Reliable and fast throughput times together with high quality analytical services are key elements of our organization.

With their state-of-the-art laboratories Bactimm/ Farmalyse offers a complete range of services including chromatography facilities (HPLC, UPLC, GC, LC-MS and TLC), spectroscopy (UV and IR) dissolution testing and GMP class A - D clean rooms.

**Background/ Interest of the candidate: Bsc/ MSc Level and chemical background with chromatography knowledge (Farmalyse) or Microbiological background (Bactimm).**

More info at [www.bactimm.com](http://www.bactimm.com)



ALcontrol Laboratories

## ALcontrol Food BV Oosterhout

ALcontrol Laboratories' aim is to provide the very best Environmental and Food testing so that customers have the Confidence to Act on their results. Their approach to testing is simple: they use their expertise and experience to rapidly deliver reliable results so their customers waste little time waiting and interpreting their findings - just acting on them. With over 2000 trained staff ALcontrol operates in 11 European countries and is expanding.

ALcontrol Food & Water in Oosterhout is a laboratory operating in multiple disciplines like:

- Food and Water Microbiology;
- Food and Water Chemistry;
- Veterinary testing and
- BSE testing.

**Background/ Interest of the candidate: Bsc/ MSc Level and chemical food background or Microbiological food background.**

More info at [www.alcontrolfood.com](http://www.alcontrolfood.com)

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## International Flavors & Fragrances (IFF)

IFF is a leading creator and manufacturer of flavors and fragrances in the world, IFF is dedicated to excellence in every area of their business—using knowledge, creativity, innovation, and technology to provide their customers with superior consumer understanding and the highest quality products and service.

Tilburg Analytical Services is within Global Analytical and Sensory Measurement part of I.F.F.'s global R&D structure. The department plays a key role within the analytical support to the flavor and fragrance business units by developing and executing high-end analytical methods (a.o. mass-spectrometry based ) for fragrance applications, flavor ingredients and I.F.F.'s Product Integrity Analysis program. The analyst is able to translate scope of analytical requests from the fragrance or Food applications group in Hilversum into robust and reliable analytical methods that can be implemented and executed. The analyst is technically self-steering and defines the technical boundaries of the application.

**Background/ Interest of the candidate: Bsc/ MSc Level in Analytical Chemistry or related field experience with using analytical techniques such as and GC-MS , HPLC and related technologies.**

More info at [www.iff.com](http://www.iff.com)

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## Shell Pernis (Rotterdam)

Shell is a large multinational in selling and producing energy and fuels. The refinery in Rotterdam (Shell Pernis) is the biggest refinery in Europe.

The laboratory of Shell Pernis has several departments with their own disciplines in particular (petro) chemical and environmental chemistry. Each department works with its own specific analyzers, this is reminiscent of eg AAS, NMR, IR, ICP, GC-MS, HPLC, and UV-VIS.

**Background/ Interest of the candidate: Bsc/ MSc Level in Analytical Chemistry or related field experience with using analytical techniques.**

More info at [www.shell.com](http://www.shell.com)

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## Pepscan Therapeutics

Pepscan is a biotech company developing novel therapeutic options for cancer and immunological diseases. Their ambition is to be world-leader in protein mimicry technologies and to apply these technologies for discovery of therapeutic anti-GPCR monoclonal antibodies and improved therapeutic peptides.

The research associate is part of the biology department, which is responsible for screening and characterization of generated anti-GPCR monoclonal antibodies and therapeutic peptides in relevant biological systems, like flow cytometry, proliferation assays, chemotaxis assays and other relevant recombinant cell based assays.

**Background/ Interest of the candidate: Bsc/ MSc Level and clear molecular bio (techno) logical background and interests. The candidate should have proven experience in cell biology, in particular with: cell culture, development and conducting cell based assays, flow cytometry (FACS) and molecular biology techniques.**

More info at [www.pepscantherapeutics.com](http://www.pepscantherapeutics.com)

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Above companies are a selection of interested companies who offer internships to ScientiQ candidates. At the moment we have contact with more Dutch laboratories who are interested to join the work experience project. These laboratories are comparable with the ones mentioned in this leaflet.

## Interested?

Send your "Match&Select" format CV to *Match&Select Kft.* (it can be found in the following webpage:  
<http://www.matchnselect.com/Downloads>  
Email address: [info@matchnselect.com](mailto:info@matchnselect.com)

If you have any questions you may contact  
*Match&Select* at the following numbers as well:  
+36-1-781-2557  
+36-30-395-1905



\*Match & Select is ScientiQ's official recruitmentpartner for Hungary



"Dutchlab Experience 2011"

