

## The starting point for rearing healthy, productive animals is **safe nutrition**.

Active in over 80 countries worldwide, we produce premixes, concentrates, nutritional concepts and functional feed ingredients for the animal feed industry.

We strive to constantly innovate, and at the heart of our unique ingredients are our ongoing research, development and testing programmes. We are widely acknowledged as the industry's benchmark for increasing yields and reducing disease naturally.

Through our worldwide reach, constant innovation, thorough testing and proven results, we are proud to say that, today and tomorrow, Nuscience will remain your knowledge partner in nutrition and health.



Visit us at [www.nusciencegroup.com](http://www.nusciencegroup.com)



POULTRY

KNOWLEDGE PARTNER IN NUTRITION AND HEALTH

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health4U | nutrition4U  
by nuscience | by nuscience

## product range poultry

Even with balanced rations, it's possible to further improve animal performance by adding functional feed ingredients that promote for example intestinal health or reduce stress, thereby increasing cost-effectiveness. Nuscience Health4U has developed a broad product range based on natural ingredients ensuring healthy well performing animals.

## Health4U, innovative solutions for a healthy business

The main objective in modern husbandry should be 'to enhance the animal performance' in a profitable way and at the same time minimising the use of antibiotics. Nuscience helps you to achieve this goal by developing sustainable and economically viable products based on natural ingredients such as Medium Chain Fatty Acids, plant polyphenols, etc. to promote animal health.

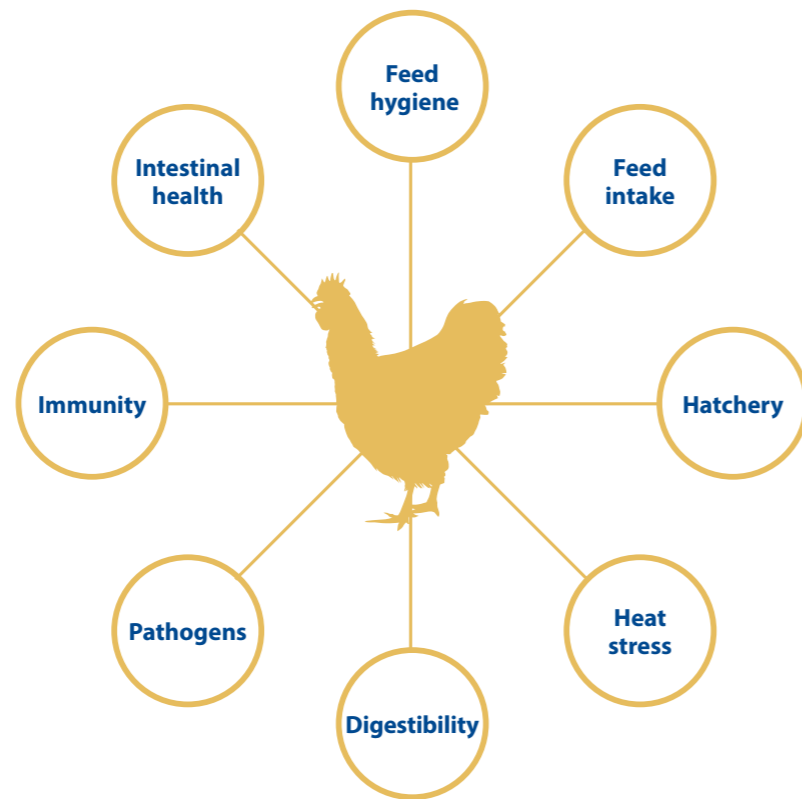
Thanks to a vast nutritional knowledge and innovation-driven attitude many of today's most current issues in the poultry industry can be tackled by Nuscience **Health4U** products. Therefore we are widely acknowledged as the industry's benchmark for increasing yields and reducing disease naturally.



Nuscience **Health4U** products promote intestinal health and help the animal to cope with any form of stress, thereby increasing cost-effective performances.

## Challenges for Health4U products

Animals have to cope with several external and internal factors affecting their health and thus performances. Through the **Health4U** products, solutions are offered to tackle these challenges.



## Health4U product overview

	Information	Benefits
<b>Aromabiotic Poultry</b>	Carefully balanced mixture of Medium Chain Fatty Acids with unique antimicrobial, physiological and immunological properties.	<ul style="list-style-type: none"> <li>• stabilizes microflora</li> <li>• improves digestive and absorptive capacity of the small intestine</li> <li>• gives better technical performances</li> <li>• keeps the litter dry</li> </ul>
<b>Shellbiotic</b>	Optimal combination of Medium Chain Fatty Acids to increase layer or breeder performances.	<ul style="list-style-type: none"> <li>• increase in laying percentage -&gt; more eggs</li> <li>• fewer cracks -&gt; more saleable eggs</li> <li>• gives better albumen quality -&gt; better quality day old chicks</li> <li>• increases hatchability</li> </ul>
<b>Salbiotic</b>	Optimal combination of Medium Chain Fatty Acids and lactic acid to combat Salmonella infections.	<ul style="list-style-type: none"> <li>• reduces Salmonella spp. infection pressure</li> <li>• gives better technical performance</li> <li>• keeps the litter dry</li> </ul>
<b>Heatstop</b>	A well-balanced mixture of different buffers and specific electrolytes. The ideal solution to support your chickens through difficult periods of heat stress.	<ul style="list-style-type: none"> <li>• preserves ideal blood pH of the stressed animal</li> <li>• resistance against heat and limits panting</li> <li>• higher feed intake and better technical performance</li> </ul>
<b>Vitanox</b>	A powerful natural antioxidant composed of specially selected polyphenolic compounds to reduce oxidative stress.	<ul style="list-style-type: none"> <li>• broad spectrum anti-oxidative capacity</li> <li>• vitamin E sparing effect</li> <li>• improved growth performances</li> </ul>
<b>Vitafix</b>	Range of toxin binders for counteracting a wide range of mycotoxins.	<ul style="list-style-type: none"> <li>• adsorb and inactivate mycotoxins</li> <li>• low affinity for vital elements</li> <li>• temperature and pH stable products</li> </ul>
<b>Regulor</b>	Mixture of fat powder with amino acids, vitamins and extra ingredients.	<ul style="list-style-type: none"> <li>• increased resistance in period of stress</li> <li>• decreases incidence and severity of fatty liver syndrome</li> </ul>
<b>Vitamul</b>	An emulsifier in powder form enhancing fat digestion, especially in young chickens having insufficient amounts of bile salts.	<ul style="list-style-type: none"> <li>• more efficient fat digestion</li> <li>• fat of lower quality can be used</li> </ul>
<b>Vita-Oligo-Sol</b>	Water soluble supplement of vitamins and trace elements. Easily applicable in the drinking water.	<ul style="list-style-type: none"> <li>• increased resistance in periods of stress</li> <li>• faster recovery after disease and vaccinations</li> </ul>
<b>Vitagal</b>	Alpha-galactosidase and Beta-glucanase that breaks down the oligosaccharides and the galactomannans in the feed.	<ul style="list-style-type: none"> <li>• improved nutrient utilization</li> <li>• animal health benefits</li> <li>• reduced feed costs</li> <li>• better litter quality</li> </ul>
<b>Vitazym</b>	Range of enzyme blends that breakdown non-starch polysaccharides and increase the energy level of the feed.	<ul style="list-style-type: none"> <li>• better digestion of nutrients</li> <li>• less sticky droppings</li> <li>• more available energy for the animals lower FCR, higher feed intake and improved daily growth</li> </ul>
<b>DOC Star</b>	A brooding complement adapted to the special needs for the day-old chick. Guarantees a head-start which remains persistent up to slaughter.	<ul style="list-style-type: none"> <li>• helps chicks recover from hatching stress</li> <li>• reduces mortality</li> <li>• improves growth and feed conversion</li> <li>• more uniform flock</li> </ul>
<b>Vitarelay</b>	Vitarelay is a water-soluble mixture of electrolytes, vitamins and antioxidants that help the birds against stress.	<ul style="list-style-type: none"> <li>• decreased heat stress</li> <li>• fast recovery after diseases or vaccinations</li> <li>• reduced oxidative stress</li> </ul>