



RESEARCH MODELS

Rats

Mice

Other rodents



Aged WISTAR Rat

- **Strain name:** RjHan:WI
- **Type:** Outbred rat
- **Origin:** Zentralinstitut für Versuchstierzucht (Hannover) 1982 (from Allington Farm - UK - 1964)
- **Colour and related genotype:** Albino rat, *Tyr^c/Tyr^c*
- **Breeding:** Good breeder

Description of our model

This strain was selected by DONALDSON in 1906 at the Wistar Institute (USA), from a batch belonging to Chicago University (RUSSEL-LINDSAY, 1979).

It's an outbred stock, used in all fields of medical and biological research. Its longevity and high rate of spontaneous tumours make it an ideal choice for ageing studies.

JANVIER LABS's **aged WISTAR** rats are males selected at weaning and kept solely for ageing. They are kept in their original barrier rooms in a controlled environment and health status.

Important notice: our **aged WISTAR** rats have never been used as breeders.

Organ weight as % of total body weight	Male		Female	
	1 year (56-59 weeks)	2 years (104-112 weeks)	1 year (56-59 weeks)	2 years (104-112 weeks)
Total body weight	659.1 ± 67.4	628.8 ± 88.1	333.2 ± 39.1	408.8 ± 75.8
Brain	2.29 ± 0.10	2.34 ± 0.10	2.07 ± 0.10	2.12 ± 0.09
Kidneys	3.49 ± 0.42	4.07 ± 0.77	2.32 ± 0.31	2.89 ± 0.42
Liver	12.85 ± 1.88	12.77 ± 2.46	7.25 ± 0.98	9.56 ± 2.15
Spleen	1.243 ± 0.235	1.451 ± 0.394	0.824 ± 0.201	1.033 ± 0.334
Thyroid	0.0259 ± 0.0062	0.0333 ± 0.0264	0.0193 ± 0.0043	0.0265 ± 0.0228
Thymus	0.218 ± 0.113	0.363 ± 2.065	0.169 ± 0.071	0.219 ± 0.875
Heart	1.85 ± 0.24	2.10 ± 0.29	1.21 ± 0.13	1.58 ± 0.22

BAYER CROPSCIENCES 2012 Data as indicative basis



www.janvier-labs.com

Main application and research fields

- Gerontology
- Metabolism, nutrition
- Oncology
- Physiology

Our additional offer



Laboratory Services



Transgenic Services

Our added value

- The « JANVIER LABS Genetic Policy », a specific programme, guarantees less than 1% inbreeding per generation.
- Animals with the SPF standards.
- A gentling policy for docile and easy-to-handle animals.
- Optimal stability conditions of our models during shipments, thanks to our dedicated and internal transport service.
- A scientific support with a team of Veterinarians and PhD.

The available scientific bibliography:

Research has been conducted, all over the world, from models bred in our laboratories. Discover our updated bibliography of available studies on our Internet website, heading: **Customer Support**.