

# Study Participants Wanted

## Investigating Nesfatin-1 A New Peptide Associated with Obesity and Diabetes

**We are currently recruiting obese and diabetic cats to take part in our study, investigating a new protein associated with obesity and diabetes**

### Background

Obesity and Diabetes Mellitus are becoming increasingly prevalent in domestic feline populations. Nesfatin-1 is a newly discovered peptide, shown to help maintain insulin function, and reduce blood glucose

Nesfatin-1 may have additional benefits in reducing food intake and improving body metabolism

Overall Nesfatin-1 may be a useful marker in assessing and monitoring insulin resistance and diabetes in cats

### Study Subjects Required

We are recruiting **newly diagnosed diabetic cats** for part of our study. **Cats should have been only just diagnosed and not yet started treatment, or have only received treatment for less than 1 month**

We are also recruiting **long term diabetic cats**. Cats should have been diagnosed with (presumed) insulin resistant diabetes and **received treatment for at least 6 months**, and not have any additional major health concerns

**If you have a diabetic cat and wish to express your interest in the study and organize an appointment, or if you would like more information about the study;**

- Please contact **Dr. Toh, Dr. Snead, or Dr. Meachem** at the e-mail addresses and/or phone numbers provided

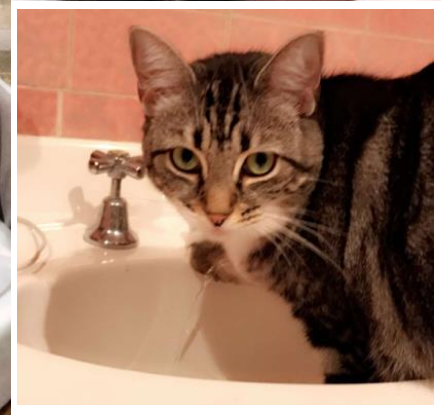
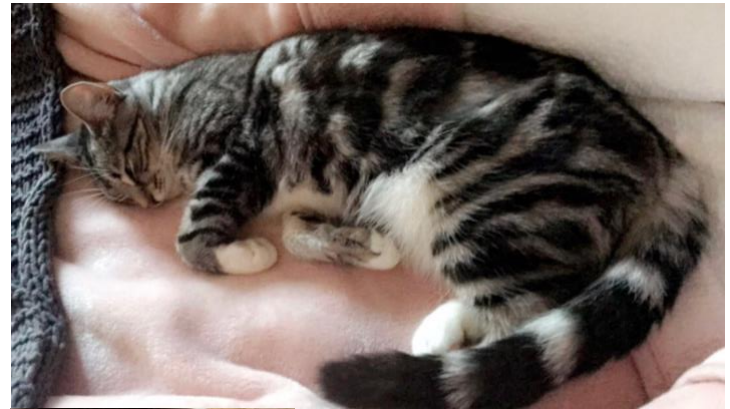


Photo Credits: Dr. Arielle Bridges (2019)

**For More Information, Please Contact;**

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Department of Veterinary Pathology

# What You and Your Cat Will Receive Free of Charge

## Newly Diagnosed Diabetics

**You may be required to attend 2 separate appointments (if your cat has already started treatment, you may only need to attend the second appointment)**

### **At your cats first appointment**

- Routine blood and urine tests to confirm diabetes, and assess general health for any other issues
- 4 weeks free prescription diabetic cat food courtesy of Purina®

### **At your second appointment (4 weeks after the starting diabetic treatment)**

- A glucose monitor will be fitted to your cat, allowing you to measure blood glucose at home for up to 14 days
- Additional blood tests to assess how well your cat is responding to diabetic treatment
- 4 weeks free diabetic cat food courtesy of Purina®

## Long Term Diabetics

**You will only be required to attend a single appointment where you/ your cat will receive;**

- A physical examination
- Routine blood and urine tests to assess control of their diabetes, and to assess general health

