What causes meibomian gland dysfunction?

Is it in our genes?

Researchers at The University of New South Wales, Brien Holden Vision Institute and L. V. Prasad Eye Institute are seeking volunteer research participants to learn about the causes of meibomian gland dysfunction (MGD). MGD is an eyelid gland problem which causes dry eye disease and contact lens discomfort, and we want to find out whether this might be related to our genes.

Would the research project be a good fit for me?
The study might be a good fit for you if you are:

- 18 and above years of age
- Generally healthy i.e. not taking any medications (eye and non-eye related)

The study might not be a good fit for you if you:

- Have any active eye diseases
- Have any systemic conditions
- Have had previous refractive or eyelid surgery
- You have had any type of eye surgery within the last 12 weeks
- Have punctal plugs in both eyes
- You are known to have allergies to eye drops used to examine eyes
- Have a blood-related condition
- Are pregnant
- Are currently enrolled in another clinical study/trial
- Are unable to provide a fasting blood sample

What would happen if I took part in the research project?

If you decide to take part:

- We will first perform a screening (Approximately 10 minutes)
  - We will check your vision, look at your meibomian glands and see how they are working.
- If you pass the screening, we would (1 or 2 visits, approximately 60 minutes total):
  - Get you to complete two short questionnaires
  - Measure your height, weight, waist circumference and calculate your Body Mass Index (BMI)
  - Check the quality and amount of tears you produce
  - Collect a fasting blood sample (fasting approximately 10-12 hours with the exception of water) from you (up to 6ml)

Will I be paid to take part in the research project?
You may be reimbursed with a $20.00 gift-voucher for any reasonable travel, parking, meals and other expenses associated with the research project visit/s.

Who do I contact if I want more information or want to take part in the study?
If you would like more information or are interested in being part of the study please contact:
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<thead>
<tr>
<th><strong>Name:</strong></th>
<th>Ms Ling Lee</th>
</tr>
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<tbody>
<tr>
<td><strong>Email:</strong></td>
<td><a href="mailto:l.Lee@brienholdenvision.org">l.Lee@brienholdenvision.org</a></td>
</tr>
<tr>
<td><strong>Phone:</strong></td>
<td>(02) 9385 7420 or (02) 9385 7516</td>
</tr>
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