

# Propositions

1. Intravascular photoacoustics can prove vulnerable plaques exist. (this thesis)
2. Intravascular photoacoustics is twice as fast as intravascular ultrasound. (this thesis)
3. Intravascular photoacoustics can sort intraplaque lipids from peri-adventitial lipids. (this thesis)
4. Plaque composition relates to plaque morphology like intravascular photoacoustics relates to intravascular ultrasound. (this thesis)
5. The full potential of photoacoustics can never be exploited in *in-vivo* clinical practice. (this thesis)
6. The future of intravascular photoacoustics depends as much on the development of suitable laser sources as it depends on the lack of resolution improvements in noninvasive imaging.
7. Replacing the model of eternal economic growth by a circular economy will solve the economic crisis.
8. There is a correlation between how good you are at something and how much you enjoy doing it, but causality is usually unclear.
9. Although perceived by many scientists as a burden, the peer review process is an important quality control system that safeguards the reliability of our collective knowledge.
10. No imaging modality can ever contribute to a reduction in deaths from cardiovascular events to the extent that the adoption of a healthy lifestyle can.
11. 'Dans les champs de l'observation, le hasard ne favorise que les esprits préparés', ('In the field of observation, chance favors the prepared mind') (Louis Pasteur).