

submissions

From: landbase [REDACTED]
Sent: Wednesday, 7 November 2012 7:46 AM
To: submissions
Cc: Gene Ethics
Subject: Submission against - **Application A1069 Irradiation of Tomatoes & Capsicums**

Submission AGAINST – Application A1069

I oppose the importing of irradiated food into New Zealand;
because:

Irradiation damages the inherent structure of any cellular tissue at the molecular level in random and unpredictable ways. Verifiable evidence has emerged that RNA, hence DNA, in plant food influences the genetic expression of the eater.

*"The incidence of genetic material or epigenetic information transferred from one organism to another is an important biological question. A recent study demonstrated that plant small RNAs acquired orally through food intake directly influence **gene expression** in animals after migration through the plasma and delivery to specific organs."* ~ Vaucheret and Chupeau: Cell Research (2012) 22:3–5.
(<http://www.nature.com/cr/journal/v22/n1/full/cr2011164a.html>)

The consequences are intergenerational, unknown and avoidable.
Food irradiation is a market- not health-driven response and unnecessary.
It is about getting an advantage through taking advantage, of public trust ...
transferring the risks onto others, and the costs onto the unborn,

Ross Scholes.

BSc, NatResMgt(PGDip), DevStud(PGDip)
peasants.org.nz

[REDACTED]