



## Estrogen receptor involvement in the response of human keratinocytes to ultraviolet B irradiation

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## Estrogen receptor involvement in the response of human keratinocytes to ultraviolet B irradiation

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Name: DL Farrington\_MS\_ ...  
Size: 628.9Kb  
Format: PDF  
Description: Full Thesis  
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Permanent Link: <http://hdl.handle.net/1805/6241>  
Date: 2014  
Committee Chair: [Spandau, Dan F.](#)  
Committee: Harrington, Maureen A.  
Members: Nakshatri, Harikrishna  
Degree: M.S.  
Degree Year: 2014  
Department: Department of Biochemistry & Molecular Biology  
Grantor: Indiana University  
Keywords: [UVB](#); [Estrogen receptor](#); [Keratinocytes](#)  
LC Subjects: [Skin -- Cancer](#); [Ultraviolet radiation](#); [Solar radiation](#); [Estrogen -- Receptors](#); [Selective estrogen receptor modulators](#); [Cells -- Growth](#); [Cells -- Aging](#); [Cells -- Death](#); [Apoptosis](#); [Keratinocytes](#)

### Abstract:

The signaling mechanisms involved in UVB-induced skin cancer are complex and although the scope of this work is inherently limited in focus, the findings may provide insight into how estrogen receptor signaling impacts cell growth, senescence, and apoptosis to protect keratinocytes. Additional signaling due to E2-activation of the estrogen receptor may provide back-up or redundant pathways in response to UVB.

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