

# Novel Treatment for Bystander Cell Death

*a presentation by Jay Chaplin of Institute for Applied Biomedicine*

HIV appears to cause T cell death without infecting cells, as well as through direct infection. The mechanism by which HIV kills uninfected, or “bystander,” cells is outlined in this poster. Institute for Applied Biomedicine is an independent 501(c)(3) non-profit research organization and is researching a novel, immune-system-based treatment for bystander cell death in AIDS.

The references listed below provide more information about the topics which are presented only briefly in this poster. The poster itself and this list of references will be available for downloading on the website at [www.appliedbiomed.org](http://www.appliedbiomed.org), which also includes a copy of Chaplin’s paper on this work, “HIV Pathogenesis,” from *Medical Hypotheses* (February 1999). You can reach the Institute in e-mail at [info@appliedbiomed.org](mailto:info@appliedbiomed.org) or by phone at 831-454-9147 with any questions.

## Panel 1: HIV’s Interaction with the Immune System

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#### *Bystander cell death insert*

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#### **Panel 2 : Cell Signalling Defects**

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### *Therapeutic uses insert*

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### **Panel 3: B Cell Clonal Toxin to Eliminate Antibodies**

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### *Thymocyte insert*

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#### **Panel 4: Drug Design**

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##### *Receptorless diphtheria toxin insert*

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