Novel siRNA modification to induce an interferon response

**DESCRIPTION**
This technology is a method of attaching a triphosphate molecule to a transcribed RNA to induce interferon alpha and beta within a cell, as well as elicit a strong non-sequence-specific immunostimulatory response. This approach, when combined with the sequence specific effect of siRNA produces is a synergistic immunostimulatory response. This siRNA modification is broadly applicable in many siRNA therapeutic approaches that may be used to treat viral infections and cancers.

**KEY ASPECTS**
- This modification provides any siRNA with strong immunostimulatory properties
- Useful against both viruses and cancer
- This modification allows for any siRNA despite its sequence to stimulate Interferon alpha and beta
- This is a broadly applicable platform technology across most siRNA therapeutics undergoing commercial development

**INTELLECTUAL PROPERTY**

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