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Adventures in Science: Interview with Thomas M. Rivers

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WEBVTT

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<i>Thomas M. Rivers</i>: First, I would like to say, that it would be an irrational, the field of rational pharmacology.

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<i>Watson Davis</i>: You better explain that Dr. Rivers.

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<i>Thomas M. Rivers</i>: Well, most of our pharmacological agents in the present time have been found and are used more or less empirically.

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<i>Thomas M. Rivers</i>: But over the years we have learned a great deal about what goes on in the human body in the way of chemistry.

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<i>Thomas M. Rivers</i>: And what takes place both in health and in disease.

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<i>Thomas M. Rivers</i>: And it seems to me that with all of this knowledge someone should be able to find drugs that would either help lagging by chemical reactions, or block adverse by chemical reactions.

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<i>Watson Davis</i>: Well, that's very, very hopeful and you mentioned two fields. What about the other one Dr. Rivers?

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<i>Thomas M. Rivers</i>: Well, the other one has to do with what is know as antigen antibody reactions.

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<i>Thomas M. Rivers</i>: Ordinarily, antibodies are considered substances that protect the body against injury.

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<i>Thomas M. Rivers</i>: But there are times when antibodies can be injurious because Hay Fever is an antigen antibody reaction.

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<i>Thomas M. Rivers</i>: Asthma is an antigen -- Is result of an antigen antibody reaction.

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<i>Thomas M. Rivers</i>: And there may be a number of other diseases.

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<i>Thomas M. Rivers</i>: Like Rheumatoid Arthritis, Acute Rheumatic Fever, Multiple Sclerosis that can be caused -- May be caused by peculiar and abnormal antigen antibody reactions.

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<i>Thomas M. Rivers</i>: The best example--

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<i>Thomas M. Rivers</i>: that show how this could be true is the reason why in this country and in England where

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<i>Thomas M. Rivers</i>: Acute Thyroiditis, that is an infection of the thyroid gland in the neck, is caused by an abnormal --



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