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Austrian Academy  
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## INVITATION

The Presiding Committee of the Austrian Academy of Sciences cordially invites to the

LECTURE by

**Robert P. GALE, M.D., Ph.D., D.Sc. (Hon.), F.A.C.P.**

*Radiation: What It Is, What You Need to Know*

Moderation:

**Arnold Suppan** | Vice President of the Austrian Academy of Sciences

**Tuesday, June 18, 2013, 17:00**

Austrian Academy of Sciences, Johannessaal

Dr. Ignaz Seipel-Platz 2, 1010 Vienna

Publication:

## **Radiation: What It Is, What You Need to Know**

by Robert P. GALE, M.D., PH.D, and Eric LAX

Published by Alfred A. Knopf

The essential guide to radiation: the good, the bad, and the utterly fascinating, explained with unprecedented clarity.

Earth, born in a nuclear explosion, is a radioactive planet; without radiation, life would not exist. And while radiation can be dangerous, it is also deeply misunderstood and often mistakenly feared. Now Robert Peter Gale, M.D. – the doctor to whom concerned governments turned in the wake of the Chernobyl and Fukushima disasters – in collaboration with medical writer Eric Lax draws on an exceptional depth of knowledge to correct myths and establish facts.

Exploring what have become trigger words for anxiety – nuclear energy and nuclear weapons, uranium, plutonium, iodine-131, mammogram, X-ray, CT scan, threats to the food chain – the authors demystify the science and dangers of radiation, and examine its myriad benefits, from safely sterilizing our food to the relatively low-risk fuel alternative of nuclear energy. This is the book for all readers who have asked themselves questions such as: What kinds of radiation, and what degree of exposure, cause cancer? What aftereffects have nuclear accidents and bombs had? Does radiation increase the likelihood of birth defects? And how does radiation work?

Hugely illuminating, Radiation is the definitive road map to our post-Chernobyl, post-Fukushima world.

### **Robert Peter GALE,**

a scientist and physician, is presently Visiting Professor of Haematology at Imperial College London. His career has focused on the biology and therapy of bone marrow and blood cancers, especially leukemias. He is the author of twenty-two medical books, and his articles have appeared in The New York Times, the Los Angeles Times, The Washington Post, USA Today, and The Wall Street Journal. For the last thirty years, he has led or been involved in the global medical response to nuclear and radiation accidents, including those in Fukushima and Chernobyl. He lives in Los Angeles.