

FACULTY PROFILE

Dr. David W. Scupham

Associate Professor of Biology and Department Chair

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Education

A.B. (Bachelor of Arts) - The University of Chicago 1975
Ph.D. - Indiana University 1985

Research Interests

Molecular Biology David Scupham and his students have been studying the effects of naturally-occurring suppressors of immune responsiveness in vitro. Since proliferation of murine lymphocytes is inhibited by the molecules under study, research in this laboratory is now focused on the molecular mechanism by which suppression occurs. Some of the techniques used in these studies include cell culture, agarose gel electrophoresis, and reverse transcription-polymerase chain reaction (RT-PCR). In addition, he is interested in pedagogical research for the teaching laboratory.

Publications

- J.A. Egge and D.W. Scupham (2009) Life After Expiration II: A Continuation Study on Effective Long-term Use of Biotech Reagents for the Teaching Laboratory., *Indiana Academy of Science, Programs and Abstracts* 125, 131-132.,
- J.R. Foelber, H.S. Moebs, and D.W. Scupham. (2001) Life after expiration: Effective Long Term Use of Biotech Reagents in the Teaching Laboratory., *Indiana Academy of Science Programs and Abstracts*, 117: 100.,
- D.W. Scupham. (1993) Differential effects of oxysterols on interleukin-2 receptor expression and proliferation of murine splenic lymphocytes., *The FASEB Journal* 7 (4), A682.,

Professional Affiliations

- Council on Undergraduate Research (CUR)
- Indiana Academy of Science
- Indiana College Biology Teachers' Association (Past President; Steering Committee Member)

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