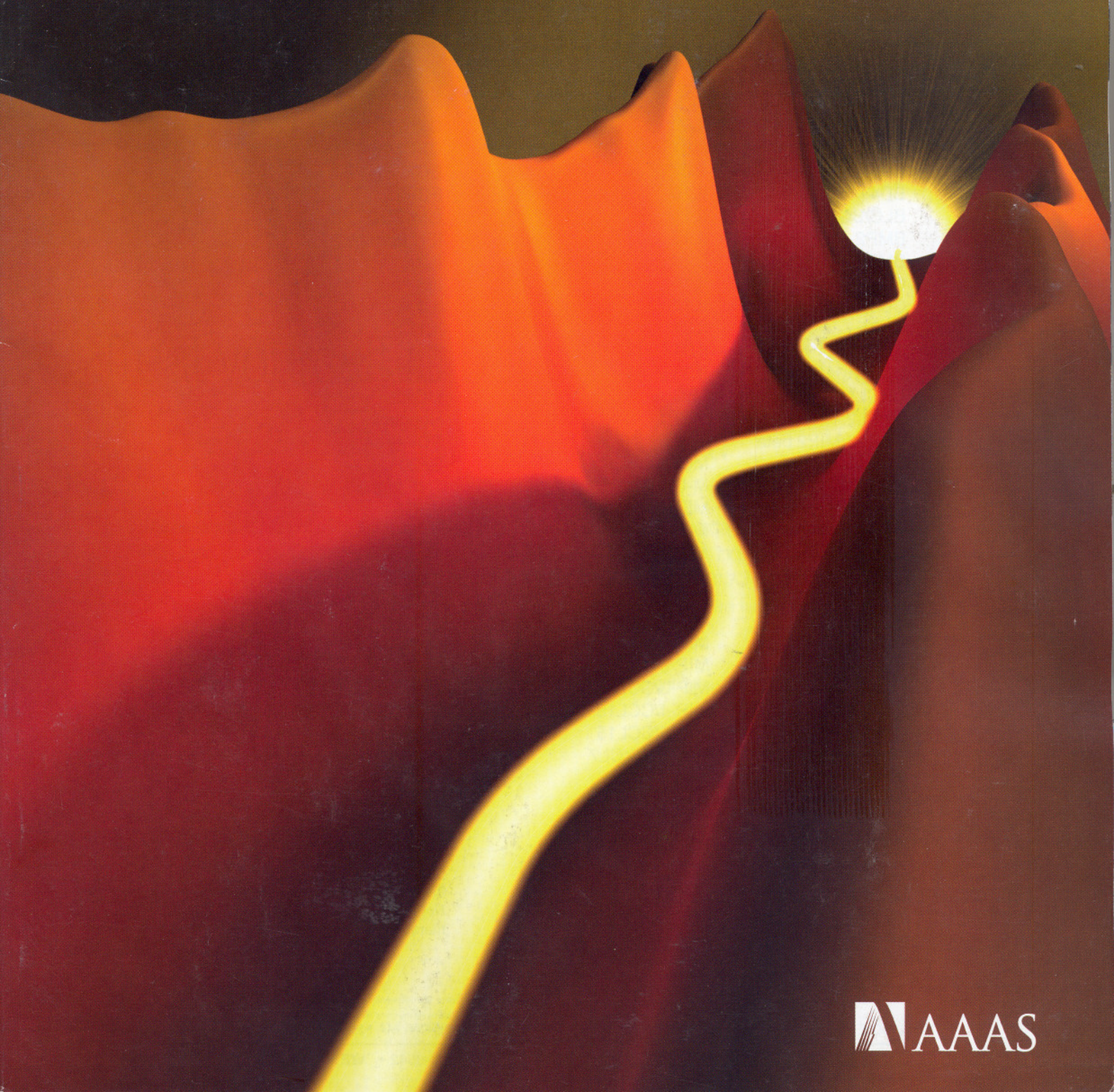


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Three-dimensional representation of the emission of electrons from a neon atom upon absorption of a photon from an attosecond extreme ultraviolet pulse. The orange surface plot represents the resulting electron energy distribution, which, when probed by an ultrashort light wave (yellow line), reveals an unexpected time delay between the emission of electrons from different atomic orbitals. See page 1658.

Image: Christian Hackenberger/Ludwig-Maximilians-Universität, Munich, Germany

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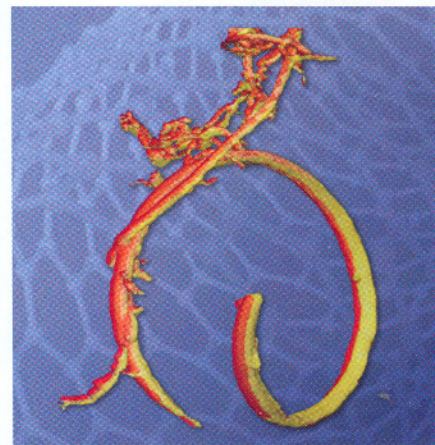
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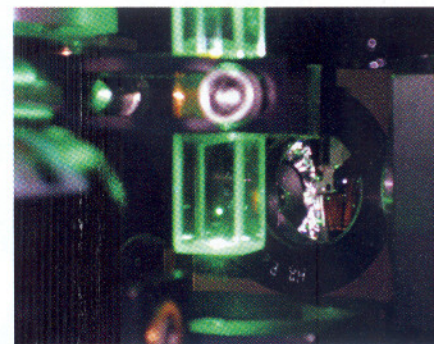
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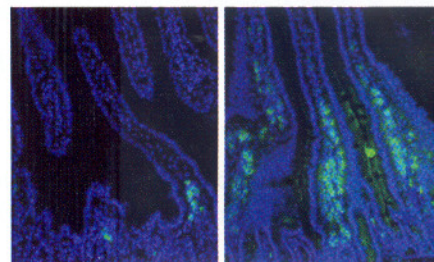
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Tissue-Engineered Lungs for in Vivo Implantation

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Genetic Reactivation of Cone Photoreceptors Restores Visual Responses in Retinitis Pigmentosa

V. Busskamp et al.
A bacterial ion pump rescues visual function in damaged cone-photoreceptor cells in mouse models of retinitis pigmentosa.
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The Structure of *ccb₃* Cytochrome Oxidase Provides Insights into Proton Pumping

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Seedling survival in a tropical forest shows that species abundance is related to a species' sensitivity to conspecific neighbors.
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RESEARCH ARTICLE: Nodal Signaling Recruits the Histone Demethylase Jmjd3 to Counteract Polycomb-Mediated Repression at Target Genes

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Developmental signaling integrates with epigenetic processes to control the expression of Nodal target genes.

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RESEARCH ARTICLE: Safety and Antithrombotic Efficacy of Moderate Platelet Count Reduction by Thrombopoietin Inhibition in Primates

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Inhibition of platelet production minimizes clot formation without increasing bleeding in baboons.

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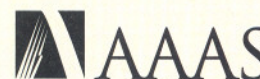
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