Cold Spring Harb Perspect Biol **1**: a001271 (2009)

NF- κ B in the Nervous System

Barbara Kaltschmidt and Christian Kaltschmidt

In the original version of this article, the authors refer to studies showing the involvement of NF- κ B in learning and memory for the first time. They omitted to emphasize that these studies provided the first genetic evidence in mice—the focus of their Perspective—and that approaches in other systems have also addressed this question.

The authors apologize for this oversight. The following changes to the text address this omission, and the PDF and HTML versions of the article have been corrected accordingly.

p. 4, line 29

Genetic evidence* for the involvement of NF- κ B in learning and memory was provided for the first time in TNFRI-/-, p65-/- mice by Meffert et al. 2003.

p. 4, Footnote

*This review focuses on evidence from genetic mouse models. Readers interested in pharmacological approaches to NF- κ B function in the nervous system should consult earlier reviews by Kaltschmidt et al. (2005), Meffert and Baltimore (2005), and Romano et al. (2006) for further information.

p. 11, New Reference

Kaltschmidt B, Widera D, Kaltschmidt C. 2005. Signaling via NF- κ B in the nervous system. *Biochim Biophys Acta* **1745**: 287–299.

p. 12, New Reference

Meffert MK, Baltimore D. 2005. Physiological functions for brain NF- κ B. *Trends Neurosci* **28**: 37–43.

p. 12, New Reference

Romano A, Freudenthal R, Merlo E, Routtenberg A. 2006. Evolutionarily-conserved role of the NF- κ B transcription factor in neural plasticity and memory. *Eur J Neurosci* **24**: 1507–1516.

Cold Spring Harbor Perspectives in Biology

NF- κ B in the Nervous System

Barbara Kaltschmidt and Christian Kaltschmidt

Cold Spring Harb Perspect Biol 2010; doi: 10.1101/cshperspect.a001271_erratum

Subject Collection [NF- \$\kappa\$ B](#)

Use of Forward Genetics to Discover Novel Regulators of NF- κ B

Tao Lu and George R. Stark

Selectivity of the NF- κ B Response

Ranjan Sen and Stephen T. Smale

NF- κ B in the Nervous System

Barbara Kaltschmidt and Christian Kaltschmidt

Signaling to NF- κ B: Regulation by Ubiquitination

Ingrid E. Wertz and Vishva M. Dixit

Ubiquitination and Degradation of the Inhibitors of NF- κ B

Naama Kanarek, Nir London, Ora Schueler-Furman, et al.

A Structural Guide to Proteins of the NF- κ B Signaling Module

Tom Huxford and Gourisankar Ghosh

NF- κ B in the Immune Response of *Drosophila*

Charles Hetru and Jules A. Hoffmann

Control of NF- κ B-dependent Transcriptional Responses by Chromatin Organization

Gioacchino Natoli

Oncogenic Activation of NF- κ B

Louis M. Staudt

The Regulatory Logic of the NF- κ B Signaling System

Ellen O'Dea and Alexander Hoffmann

Roles of the NF- κ B Pathway in Lymphocyte Development and Function

Steve Gerondakis and Ulrich Siebenlist

The IKK Complex, a Central Regulator of NF- κ B Activation

Alain Israël

NF- κ B in the Nervous System

Barbara Kaltschmidt and Christian Kaltschmidt

The Nuclear Factor NF- κ B Pathway in Inflammation

Toby Lawrence

NF- κ B as a Critical Link Between Inflammation and Cancer

Michael Karin

Specification of DNA Binding Activity of NF- κ B Proteins

Fengyi Wan and Michael J. Lenardo

For additional articles in this collection, see <http://cshperspectives.cshlp.org/cgi/collection/>

**All Modifications and
Oligo Types Synthesized**

Long Oligos • Fluorescent • Chimeric • DNA • RNA • Antisense

Oligo Modifications?
Your wish is our command.