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Hox in frogs: xenopus reveals novel functions for vertebrate Hox genes

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List of publications (d.d. 11 November 2008)

- McNulty C.L., Peres J.N., **Bardine N.**, van den Akker W.M.R. and Durston A.J.

Knockdown of the complete Hox Paralogous Group 1 leads to dramatic hindbrain and neural crest defects. *Development* (2005), 132, 2861-2871.

- Jansen H.J., Wacker S.A., **Bardine N.** and Durston A.J.

The role of the Spemann organizer in anterior-posterior patterning of the trunk. *Mech Dev* (2007), Sep-Oct; 124(9-10):668-81.

- **Bardine N.**, Donow C., Korte B., Knöchel W., Durston A.J. and Wacker S.A.

Two *Hoxc6* transcripts are differentially expressed and regulate primary neurogenesis in *Xenopus laevis*. *Developmental Dynamics* in revision.

- **Bardine N***, Woltering J.M.*, Donow C., Schuff M.F., Knöchel W. and Durston A.J.

Hoxc6 is required for segmentation in *Xenopus laevis*. To be submitted to *Genes Dev*.

- Schuff M*, **Bardine N***, Siegel D., Donow C. and Knöchel W.

Characterization of FoxO genes in *Xenopus laevis*. Manuscript in preparation.

- Woltering J.M., Vonk F.J., Müller H., **Bardine N.**, Tuduice I.L., de Bakker M., Knöchel W.P., Sirbu I.O., Durston A.J. and Richardson M.K

Axial patterning in snakes and caecilians: evidence for an alternative interpretation of the Hox code . *PNAS* in revision.

Curriculum Vitae

Nabila Bardine was born on 3 January 1977 in Kasba Tadla (Morocco). She moved with her family to Marseilles, France, at the age of 10 where she attended secondary education and studied biology at the University of Luminy. She received her Master degree in 2002 for work done in Pierre-Marie Martin's lab on the role of adrenomedullin in tumor growth. In September 2002 she joined the group of Antony Durston at the Hubrecht laboratory, KNAW, to study *Hox* genes. She moved with this group to Leiden University in 2005 and briefly continued her research there. From 2006 to 2008 she has worked in the group of Walter Knöchel at Ulm University to finish the work for her thesis. The main work for this thesis has been to analyse the role of *Hoxc6* in *Xenopus laevis* embryogenesis. After the completion of her PhD she plans to continue in research.