

**Research articles**

- Hartnett L, Glynn C, Nolan CM, Greal M and **L Byrnes** (2010)  
Insulin-like growth factor-2 regulates early neural and cardiovascular system development in zebrafish embryos.  
Int. J. Dev. Biol. **54** 573-583
- Tsalavouta M, Astudillo O, **Byrnes L** and CM Nolan (2009)  
Regulation of expression of zebrafish (*Danio rerio*) insulin-like growth factor 2 receptor: implications for evolution at the IGF2R locus.  
Evol. Dev. **11** 547-559
- Martin ED, Moriarty MA, **Byrnes L** and M Greal (2009)  
Plakoglobin has both structural and signalling roles in zebrafish development.  
Dev. Biol. **327** 83-96
- Moriarty MA, Martin ED, **Byrnes L** and M Greal (2008)  
Molecular cloning and developmental expression of plakophilin 2 in zebrafish.  
Biochem. Biophys. Res. Comm. **367** 124-129
- O'Boyle S, Bree RT, McLoughlin S, Greal M and **L Byrnes** (2007)  
Identification of zygotic genes expressed at the midblastula transition in zebrafish.  
Biochem. Biophys. Res. Comm. **358** 462-468
- Collins CM, Murray PG, Denman S, Morrissey JP, **Byrnes L**, Teeri TT and MG Tuohy (2007)  
Molecular cloning and expression analysis of two distinct  $\beta$ -glucosidase genes, *bg1* and *aven1*, with very different biological roles from the thermophilic, saprophytic fungus *Talaromyces emersonii*.  
Mycological Research **111** 840-849
- Nolan CM, McCarthy K, Eivers E, Jirtle RL and **L Byrnes** (2006)  
Mannose 6-phosphate receptors in an ancient vertebrate, zebrafish.  
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- Bree RT, McLoughlin S, Jin SW, McMeel OM, Stainier DYR, Greal M, and **L Byrnes** (2005)  
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- Eivers E, McCarthy K, Glynn C, Nolan CM and **L Byrnes** (2004)  
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Int. J. Dev. Biol. **48** 1131-1140.
- Grassick A, Murray PG, Thompson R, Collins CM, **Byrnes L**, Birrane G, Higgins TM and MG Tuohy (2004)

Three-dimensional structure of a thermostable native cellobiohydrolase, CBH IB, and molecular characterization of the cel7 gene from the filamentous fungus, *Talaromyces emersonii*.

Eur. J. Biochem. **271** 4495-4506.

Ayaso E, Nolan CM and **L Byrnes** (2002)

Zebrafish insulin-like growth factor-1 receptor: molecular cloning and developmental expression.

Molecular and Cellular Endocrinology **191** 137-148.

Brabazon ED, Bree RT, Carton MW, Grealy M and **L Byrnes** (2002)

Cyclin dependent kinase 8 is expressed both maternally and zygotically during zebrafish embryo development.

Biochim. Biophys. Acta **1576** 203-208.

Carton MW, Schmitz M, Cutts CJ, Kelly AK, Hill JA, Brabazon ED, Adams CE and **L Byrnes** (2002)

Expressed sequence tags in larval Arctic charr (*Salvelinus alpinus*).

Fish Physiol. Biochem. **26** 231-238.

Stenson C, McNair A, **Byrnes L**, Murphy M, Smith T and F Gannon (2000)

Atlantic salmon HNF-3/fork head; cDNA sequence, evolution, expression and functional analysis.

DNA Cell Biol. **19** 59-68.

Fluoriot G, Ducouret B, **Byrnes L** and Y Valotaire (1998)

Transcriptional regulation of expression of the rainbow trout albumin gene by estrogen.

J. Mol. Endocrinol. **20** 355-62.

Deryckere F, **Byrnes L**, Wagner A, McMorrow T and F Gannon (1995)

Salmon HNF1: cDNA sequence, evolution, tissue specificity and binding to the salmon serum albumin promoter.

J. Mol. Biol. **247** 1-10.

Hardiman G, **Byrnes L** and F Gannon (1994)

An analysis of highly expressed salmon liver genes during smoltification in the Atlantic salmon (*Salmo salar* L.)

Molecular Marine Biol. Biotech. **3** 51-56.

Hardiman G, **Byrnes L**, Peden J, Wolff J, and F Gannon (1994)

Cloning and sequencing of an Atlantic salmon (*Salmo salar*) cytochrome c oxidase subunit III gene (coxIII) and analysis of coxIII gene expression during parr-smolt transformation.

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Sequence analysis of a second cDNA for salmon serum albumin.

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Gene **104** 155-161.

Powell R, **Byrnes L** and F Gannon (1991)

Sequence of a cDNA clone encoding an Atlantic salmon ribosomal protein.

Gene **101** 303-304.

Powell R, **Byrnes L**, Barry T and F Gannon (1990)

A rapid procedure to isolate major abundance mRNA transcripts and study the transcription profile of a tissue.

Technique **2** 213-215.

**Byrnes L** and F Gannon (1990)

Atlantic salmon (*Salmo salar*) serum albumin: cDNA sequence, evolution and expression. DNA and Cell Biology **9** 647-655.

**Byrnes L**, Luo CC, Li WH, Yang CY and L Chan (1987)

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### **Review articles**

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Mouse induced pluripotent stem cells.

Int. J. Dev. Biol. **52** 1015-1022

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Cellular longevity: role of apoptosis and replicative senescence.

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The Genetic Engineer and Biotechnologist **10** 7-9.

### **Chapter in a book**

**Byrnes L**, Enenkel B, Gannon F and T Smith (1995)

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Gene Probes 1: A Practical Approach, IRL Press. Eds. B.D. Hames and S.J. Higgins

### **Article in a book**

Wagner A, Deryckere F, Hardiman G, **Byrnes L** and F Gannon (1993)

The isolation and structure of liver and globin genes from Atlantic salmon.

Aquaculture: Fundamental and Applied Research. American Biophysical Union, Washington, DC. B. Lahlou and P. Vitiello, eds.