

# Anatomy & Cell Biology

## Visiting Lecturer seminar

Tuesday, September 19<sup>th</sup>, 2017

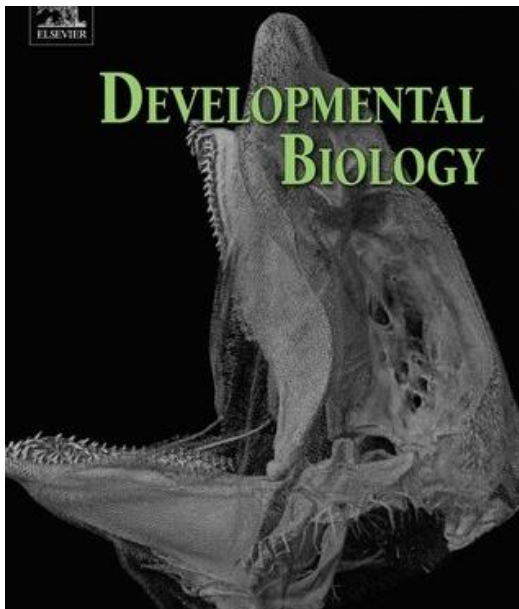
10:00 – 11:00 a.m.

1B03 Health Science Building

*“Shark teeth, EvoDevOmicS &  
the future of Dentistry”*

**Dr. Gareth Fraser, PhD**

Dept. of Animal & Plant Sciences, *The University of Sheffield*



Dr. Fraser's lab studies how varieties of teeth form, are patterned and modified across vertebrate species; and how teeth are continually replaced, specifically in fishes.

**Fishes account for more than half of all living vertebrates and show immense diversity of dental forms. The models studied by the Fraser Lab vary from initial dental patterning and tooth number, to the capacity for dental regeneration with diverse tooth replacement modes.**

Studying fish dentitions in a comparative context offers a framework in which to understand the complexities of dental diversity and replacement at the genetic level.

***Tasty refreshments will be served, that you will eat, with your teeth.***

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