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Manuscript type: ORIGINAL ARTICLE

*Basic Study*Intracellular localisation of *Mycobacterium marinum* in mast cells

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**Abstract**

AIM: To study the bacteriocidal or bacteriostatic role of mast cells during infection with *Mycobacterium*.

**METHODS:** *Mycobacterium marinum* (BAA-535/M strain) was investigated for its ability to grow at a temperature relevant to the mammalian host. Primary mast cells were differentiated from bone marrow of mice, a human mast cell line (HMC-1) and

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*Mycobacterium marinum* causes tuberculosis-like disease in fish and .... Viable intracellular *M. marinum* cells were harvested and counted in the following fashion. .... harboring *M. marinum* is heterogeneous with regard to coronin localization, ...

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Here we show that *Mycobacterium marinum*, a natural pathogen of fish and frogs and ... syndrome protein localized exclusively at the actin-polymerizing pole of *M. marinum*. ... Here we demonstrate that intracellular *M. marinum* not only enters the ... *M. marinum* were added to the cells at a multiplicity of infection (MOI) of 1, ...

[PDF] Mycobacterium marinum Persists in Cultured Mammalian Cells in a ...

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purpose, we selected *Mycobacterium marinum*, a species closely related to members of the *M. ... intracellular localization* of *M. marinum* in different cell types.



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