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### *Basic Study*

**Celecoxib-induced gastrointestinal, liver and brain lesions in rats, counteraction by BPC 157 or L-arginine, aggravation by L-NAME**

Drmic **D** *et al.* Celecoxib, BPC 157 and the NO system

Domagoj Drmic, Danijela Kolenc, Spomenko Ilic, Lara Bauk, Marko Sever, Anita Zenko Sever, Kresimir Luetic, Jelena Suran, Sven Seiwerth, Predrag Sikiric

### **Abstract**

#### **AIM**

To counteract/reveal celecoxib-induced toxicity and NO system involvement.

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application [12,25] as may be seen in **rats** with persistent gastrocu- taneous ... effects of NO-system blockade, by NOS-blocker **L-NAME**, better than that of ... and **celebrex** [50]. Thus ... concentration ratio [64], which may then **aggravate diclofenac- induced** .... that **BPC 157** antagonizes **stomach-liver-brain lesions induced** by.

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(NSAIDs) and opioids seriously **damage** the **gastrointestinal (GI)** tract, with ... peroxidase gene expression in control and exenatide-treated **rats**. Ten-week ..... **Celecoxib Induced Gastrointestinal, Liver and Brain. Lesions In Rats, Counteraction** by Stable Gastric. Pentadecapeptide **BPC 157** or **L-Arginine, Aggravation** by L- ...

Celecoxib-induced gastrointestinal, liver and brain lesions in rats, counteraction b

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counteracted by stable gastric pentadecapeptide BPC 157. ... (paracetamol, diclofenac, ibuprofen, celecoxib) (8-14). ... pyloric sphincter pressure (cmH2O) in rats treated with various NSAIDs regimens, ..... gastrointestinal, liver and brain lesions in rats, counteraction by BPC 157 or L-arginine, aggravation by L-NAME. World.

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