about this phenomenon, although late onset medical problems have been documented, particularly in the Australian Rubella population born in the 1940 s. The results of this study are helpful in understanding both medical and psychological symptoms of the CRS adults, and anticipate potential diseases and behaviors.

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Inhibition of high risk HPV-31 in human cervical epithelial cells in vitro by the PC-PLC inhibitor LMV-601

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Background: Expression of early genes and episomal DNA replication of human papilloma virus (HPV) is dependent from an active AP1 complex. Activation of AP1 was shown to be precluded by inhibition of phosphatidylcholine specific phospholipase C (PC-PLC). We studied the effect of the PC-PLC inhibitor LMV-601 on HPV-31 infected 9E cervical epithelial cells (CIN 612 9E).

LMV-601 is (-)-exo/exo-O-Tricyclo-[5.2.1.0(2,6)]-dec-9-yl-dithiocarbonate potassium salt. Tricyclo-[5.2.1.0(2,6)]-dec-9-yl-dithiocarbonate potassium salt consists of 8 isomers (4 diastereomers, each having 2 enantiomers) and became known under the code D609, first synthesized in 1984 by Merz and Co in co-operation with the German Cancer Research Centre (DKFZ). The pure (-)-exo/exo isomer was first isolated in 2006 and is developed by Lumavita AG as an antiviral drug.

Methods: 9E HPV-31 infected cervical epithelial cells were from L.A. Laimins, Chicago.

(a) Short term study: After 72 h treatment, effect on cell growth, HPV-31 specific DNA (Southern Blotting) and RNA (Northern Blotting) was assessed.

(b) Long term treatment (9 passages): After each passage, viral RNA and DNA levels, and cell morphology were assessed.

Results: (a) Short term study: LMV-601 displayed a dose dependent inhibitory effect on cell growth(IC50 16 !g/mL), HPV-31 specific RNA expression (IC50 10.69 !g/mL) and DNA content (62.5% reduction at the highest dose tested, *i.e.* 32 !g/mL).

(b) Long term treatment: The number of passages required to reduce the amount of HPV-31 specific RNA by 50% (T50RNA) was 2.23 at 3.3 !g/mL LMV-601 and < 1 at 10 !g/mL LMV-601. The corresponding T50DNA values were 3.28 and < 1, respectively.

After six passages the growth rate of the cells was reduced and the morphology of the cells changed from the spindle form to a normal phenotype. After passage 9, cells were enlarged, became senescent (identified by expression of the senescence marker beta-gal), and ceased to grow.

When human, non-HPV immortalized HaCat keratinocytes were treated with the same concentrations of

Conclusion: LMV-601 inhibits HPV-31 specific RNA expression and DNA replication. Furthermore, these results support the hypothesis that chronic treatment with LMV-601 ''cures'' pre-cancerous 9E keratinocytes by elimination of HPV genomes.

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The pain topography caused by misdiagnosed zoster

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Background: In Herpes Zoster, the pain precedes dermatome manifestation from 10—12 hours to 2—5 days even to 10 days. Zosterian pain last, however it's intermittent. Our goal in this study is in highlighting the topographic variety of Zosterian pain and initial misdiagnose related with it.

In this study we have included 202 cases of Herpes Zoster. 97 of the them were initially not identified as Herpes Zoster. The group age was 19—78 years old, time period from 1998—2009. 37 of them were HIV positive. In our cases pain precedes exantematic manifestation from 18 to 68 hours.

Methods: The cases were assessed based on correlation between neurotics zosterian pain and initial nosology.

Results: According to pain location we distinguished these initial misdiagnoses:

Location	Diagnosis	Number of cases
Head	migraine	8
sinusitis	frontal	2
otitis		2
ophtalmitis		3
arthritis temporo — mandibular		1
odontalgya		2
Thorax	angina pectoris	3
pericarditis		2
pleuritis		13
pneumonia		11
Abdomen	abdominal colic	6
kidney colic		4
hepatic colic		4
cholecystitis		2
mezenterial thrombosis		1
orchitis		2
Upper extremites	cervical racialgya	5
cervical spondylarthrose		7
thorax racialgya		6
scapulo-humeral bursitis		2
Lower extremites	ischialgya	7
discal hernia		1
angiopathies		2
polymialgya rheumatica		1
coxo-femoral arthritis		2

Conclusion: 1) Zoster cases identified wrong initially were 48.02%.