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**Estimation
of
constant
and time-
varying
dynamic
parameters
of HIV
infection
in a**

nonlinear differential equation model

Hua Liang,
Hongyu Miao,
Hulin Wu

*(Submitted on 7
Oct 2010)*

Modeling
viral
dynamics
in
HIV/AIDS
studies
has
resulted
in a
deep
understanding
of
pathogenesis
of HIV
infection
from
which
novel
antiviral
treatment
guidance
and
strategies

have
been
derived.
Viral
dynamics
models