

From the Department of Dermatology
University Medical Center Benjamin Franklin
Free University of Berlin
(Chairman: Prof. Dr. Prof. h. c. Constantin E. Orfanos)

**Mechanisms of action of bisphosphonates
in melanoma cell lines *in vitro***

Inaugural Dissertation
for
Attainment of Doctor's Degree
of the Faculty of Human Medicine
of the Free University of Berlin

Presented by
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Berlin
2002

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Graduated: 13. 12. 2002

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CURRICULUM VITAE

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