

## **Development, Implementation and Quality Assurance of Biokinetic Models Within CONRAD**

D. Noßke<sup>1</sup>, A. Birchall<sup>2</sup>, E. Blanchardon<sup>3</sup>, B. Breustedt<sup>4</sup>, A. Giussani<sup>5</sup>, A. Luciani<sup>6</sup>, U. Oeh<sup>5</sup>, M. A. Lopez<sup>7</sup>

<sup>1</sup>*Federal Office for Radiation Protection, Germany;* <sup>2</sup>*Health Protection Agency, UK;* <sup>3</sup>*IRSN, France;*  
<sup>4</sup>*Forschungszentrum Karlsruhe GmbH, Germany;* <sup>5</sup>*Helmholtz Zentrum München;* <sup>6</sup>*ENEA, Italy;* <sup>7</sup>*CIEMAT,  
Spain*

The work of the Task Group 5.2 'Research Studies on Biokinetic Models' of the CONRAD project is presented. New biokinetic models have been implemented by several European institutions. Quality assurance procedures included intercomparison of the results as well as quality assurance of model formulation. Additionally, the use of the models was examined leading to proposals of tuning parameters. Stable isotope studies were evaluated with respect to their implications to the new models, and new biokinetic models were proposed on the basis of their results. Furthermore, the development of a biokinetic model describing the effects of decorporation of actinides by diethylenetriaminepentaacetic acid treatment was initiated.

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