

<共同研究 7>

研究題名： IARC モノグラフ掲載の発ガン物質と小核試験の相関

研究成果： 本共同研究は海外のラボを巻き込んだ大規模なものとなり，論文作成までに多くの時間を要した。IARC でグループ 1, 2A, 2B に分類された化合物で入手可能なものを探し，104 種類の被験物質について小核試験を実施し，試験法自体の性能を求めた。がん原性の判っている被験物質のみの検討であったので，検出力は評価できても精度等は対象外となった。ただし，小核試験の感度は低いと言われていた頃であり，ここで高い検出力を示せたことは小核試験に取って大きな意義があるものと考えることが出来る。また，化学物質の特性によって検出しやすいものと，検出が難しいもののあることも判明した。

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