

Meeting date  
18.6.2012

Regional ethics committee

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EETTMK: 60 /2012

167 § Toll-like receptors 2 and 4 in colorectal cancer – **MD Karoliina Paarnio**

**Request for an opinion**

A one site observational study. The Person in Charge of the Study is Professor Jyrki Mäkelä (Oulu University Hospital).

Other research group members: MD Karoliina Paarnio (department of surgery, Oulu University Hospital), professor Markus Mäkinen (department of pathology, Oulu University Hospital) and MD Kai Klintrup (department of surgery, Oulu University Hospital).

An academic study. Grants will be applied for the implementation and material costs will be funded by the department of pathology and surgery.

Documents submitted to the Committee: Application for an opinion (24.5.2012), Description of the data file concerning the study register (29.5.2012), Research protocol (version 1/29.5.2012), Ethical evaluation of the study (Jyrki Mäkelä/ Hospital District date stamp 29.5.2012) and CV (Jyrki Mäkelä).

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The application for an opinion was presented by docent Pasi Hirvikoski.

**Resolution:** If carried out as planned, the proposed research meets the requirements of the act adopted on medical research (488/1999), which is why the Committee decided to issue a favourable opinion.

Opinion fee in accordance with the Ministry of Social Affairs and Health decree (no. 46/2012): no fee will be charged.

Chairman Jyrki Mäkelä left the meeting for a period of decision-making and disqualified himself.

Docent Marjo Renko acted as a chairman.

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**Regional Ethics Committee  
Northern Ostrobothnia Hospital District**

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Certified to be a true extract/opinion from the duly signed and examined minutes by:

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Minutes recorded by

