崔岩：

北京大学医学部基础医学专业学士，上海中医药大学中西医结合基础专业硕士，德国耶拿大学肿瘤细胞生物学博士，长期致力于神经纤维瘤病2型基因（*NF2*）编码产物merlin的信号通路和分子机理研究，在国际上首次提出了在小G蛋白Ras信号转导过程中，merlin起到“选择性Ras屏障”的作用，与Ras-GAP蛋白复合体（如*NF1*基因编码产物neurofibromin及其互作伙伴Spred1）共同抑制Ras最主要的下游通路分支Raf-MEK-ERK的活性。这一模型回答了一个长期令人困惑的问题：在Ras的信号转导过程中，Ras-GAP蛋白是如何实现与Raf蛋白家族有效竞争的？相关成果发表在国际知名刊物Oncogene和Human Molecular Genetics上。然而，merlin对Ras-ERK通路的调控尚不能解释merlin介导接触抑制的功能。目前，对merlin的关键分子机理仍在探索中，已有明确方向。未来研究方向除了肿瘤信号转导和分子机理方向，还将致力于治疗方向的转化研究。

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**研究方向：**

肿瘤信号转导及靶向治疗

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