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NOV 6 1950

Department of Defense  
THE RESEARCH AND DEVELOPMENT BOARD  
COMMITTEE ON MEDICAL SCIENCES  
Washington 25, D. C.

Executive Director  
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Panel Director  
Army Secy  
Navy Secy  
Air Force Secy  
File

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BAM - Nov 30.  
BAW - Dec 5  
BEP - Dec 5  
BMF - Dec 5  
BSS - Dec 1  
Vib. -*

LIST OF CURRENT RESEARCH AND DEVELOPMENT PROJECTS  
IN MEDICAL SCIENCES

CLASSIFIED BY MASTER PLAN TECHNICAL OBJECTIVES

September 1950

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AW - 6

Techniques and equipment for solution of medical problems  
encountered in radiological warfare  
(Also of interest to Committee on Atomic Energy)

\*6-59-08-01 Radiation Injury  
6-59-08-03 Atomic Bomb, Medical Aspects of  
\*6-59-08-04 Surgical Procedures as Required for Treatment  
of Radiation and Thermal Burns.  
\*6-59-08-05 Ionization effects on experimental animals  
and Human subjects.  
6-59-08-06 Radiation Injury in Animals and Man.  
6-59-08-10 Irradiation on Enzyme Systems, Effects of  
\*6-59-09-04 Formed Blood Elements  
\*6-59-09-06 Preservation of Cellular Components of Blood  
for Transfusion  
6-59-11-02 Renal Dysfunction following Thermal Injury  
6-59-12-05 The Relation of Nutrition and Anemia to Wound  
Healing  
6-59-12-03 Clinical Effects of Burn Treatment  
6-59-12-09 Application of New Methods of Treatment to  
Extensive Thermal Burns.  
\*6-59-12-11 Thermal Burns, Debridement of  
\*6-59-12-12 Experimental and Clinical Study of Cutaneous  
Burns.  
\*6-60-09-04 Protein and Amino Acid Metabolism in Liver  
Dis.  
\*6-60-13-09 Effect of Nucleoproteins on Agranulocytosis  
6-60-13-13 Blood and Blood Substitutes.  
6-62-01-001 Effects of the Use of Atomic Weapons on Food  
& Food Producing Animals  
\*6-64-06-02 Radiation Chemistry of Organic Molecules in  
Solution.  
\*6-64-09-02 Various Problems in the Physiology of the  
Liver.  
\*6-64-09-04 Acute Effect of Radium Chloride upon Hemo-  
poietic Organs of the White Rat.  
\*6-64-12-14 Protein Metabolism, Its Relationship to  
Diseases and Injury and Operating Procedures  
6-65-12-17 Infused Red Cells as a Source of Protein in Man.  
6-68-05-001 Refrigerator, Mechanical, Blood & Biological,  
Portable, Field.  
NM 006 012 Medical defensive aspects of Atomic Warfare.  
NM 006 015 Research in the application of medical principles  
in defensive atomic warfare.  
NS 033 008 Maximum Permissible Dosage Manual - Preparation  
for Field Use.  
NS 033 009 Radiation Illness - Clinical Diagnosis  
\*NR 117 006 Effects of Radiation on Living Organisms

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AW - 6 continued

*NR 124 015	Distribution of Protein Fractions, Lipids, and Enzymes after Irradiation.
*NR 171 294	Radioactive Iodine Therapy of Graves Disease
*NR 171 642	Body Retention of Carbon 14.
*NR 182 000	Oral Effects of Ionizing Radiations (Prognosis (Detection)
NS 082 001	Lethal and Sublethal Dose Studies - Acute and Chronic Exposure to Internal Radiation.
NS 083 004	Lethal and Sublethal Dose studies - Acute and Chronic Exposures to Internal Radiation.
NS 083 005	Physiological and Histological Effects of Ionizing Radiations
NS 033 006	Biochemical Changes Following Irradiation
NS 083 007	Studies of Maximum Permissible Dosage of Radiation.
NS 083 010	Influence of Pharmacological Agents Upon the Effects of Irradiation.
NS 033 011	Clinical Radiochemistry Manual Preparation
NS 087 001	Prophylactic and Therapeutic Studies.
21-47-001	Bone Marrow: Implants in Treatment of Radiat Sickness.
21-47-003	Effect of Ionizing Radiation.

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