

**ARGUMENTASI DAN PRAKTIK PEMBELAJARAN GURU
BIOLOGI TENTANG KLONING DI SMA YANG DIKELOLA
ORGANISASI ISLAM BERBEDA**

DISERTASI

Diajukan untuk Memenuhi Sebagian dari Syarat untuk Memperoleh Gelar Doktor
Pendidikan Ilmu Pengetahuan Alam



Oleh

Afridha Laily Alindra

NIM. 1708146

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Afridha Laily Alindra, 2021
*ARGUMENTASI DAN PRAKTIK PEMBELAJARAN GURU BIOLOGI TENTANG KLONING DI SMA YANG
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Argumentasi dan Praktik Pembelajaran Guru Biologi tentang Kloning Di SMA yang Dikelola Organisasi Islam Berbeda

Oleh
Afridha Laily Alindra

Dr. Universitas Pendidikan Indonesia, 2021
M.Si. Universitas Andalas, 2008
S. Pd. Universitas Negeri Padang, 2004

Sebuah Disertasi yang diajukan untuk memenuhi salah satu syarat memperoleh gelar Doktor Pendidikan (Dr.) pada Program Studi Pendidikan Ilmu Pengetahuan Alam

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AFRIDHA LAILY ALINDRA

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TENTANG KLONING DI SMA YANG DIKELOLA ORGANISASI ISLAM
BERBEDA**

Disetujui dan disahkan oleh panitia disertasi

Promotor



Prof. Dr. Phil. H. Ari Widodo, M.Ed.

NIP. 196705271992031001

Ko-Promotor



Dr. H. Taufik Rahman, M.Pd

NIP. 196201151987031002

Anggota



Dr. H. Riandi, M.Si

NIP.196305011988031002

Mengetahui,
Ketua Program Studi Pendidikan IPA



Dr. Ida Kaniawati, M.Si.

NIP. 196807031992032001

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ABSTRAK

Argumentasi dan Praktik Pembelajaran Guru Biologi tentang Kloning di SMA yang Dikelola Organisasi Islam Berbeda

AFRIDHA LAILY ALINDRA

1708146

Salah satu tema yang menjadi perdebatan diantara agama dan sains pada isu sosiosaintifik adalah tentang kloning. Topik ini merupakan salah satu kajian pada materi biologi kelas XII SMA. Penelitian ini bertujuan untuk meneliti bagaimana argumentasi dan praktik pembelajaran guru biologi tentang kloning di tiga SMA yang dikelola organisasi Islam berbeda di Provinsi Banten, Indonesia. Ketiga sekolah dipilih secara *purposive* sesuai dengan karakteristik setiap organisasi Islam. Penelitian dengan metode kualitatif digunakan melalui proses observasi terhadap pembelajaran topik kloning, wawancara dengan enam orang guru Biologi kelas XII serta dokumentasi terhadap pembelajaran. Hasil menunjukkan bahwa pembelajaran topik kloning di sekolah-sekolah tersebut belum sepenuhnya mengintegrasikan nilai agama baik di dalam aspek perencanaan maupun pelaksanaan pembelajaran, dimana hal ini belum sejalan sepenuhnya dengan visi misi sekolah. Pada argumentasi guru terkait kloning memunculkan landasan berpikir lain selain landasan agama. Landasan tersebut memiliki kecenderungan dengan karakteristik organisasi Islam yang menaungi sekolah yaitu bingkai ekonomi, kemanusiaan dan ilmu pengetahuan. Ketiga bingkai ini memberi warna utama bagi setiap argumentasi guru. Implikasi penelitian ini adalah landasan berpikir seorang guru dalam menyikapi kloning diwarnai oleh karakter organisasi Islam tempat ia mengajar. Karenanya penelitian lebih lanjut dibutuhkan untuk menggali pengaruh organisasi Islam terhadap argumen dan praktik pembelajaran topik kloning di sekolah pada organisasi Islam berbeda.

Kata kunci: argumentasi, praktik pembelajaran, kloning, SMA yang dikelola organisasi Islam berbeda.

ABSTRACT

Argumentation and Learning Practices of Biology Teacher About Cloning in Different Islamic Organizations Senior High Schools

AFRIDHA LAILY ALINDRA

1708146

One of the debatable themes between religion and science in socio-scientific issues is cloning. This topic is one of the material studies in biology materials in Senior High School Class XII. This research aims to examine the argumentation and learning practices of biology teachers about cloning in three different Islamic organizations senior high schools in Banten Province, Indonesia. These three schools were selected by purposive sampling based on the characteristics of each Islamic organization. The research used qualitative method by observation to cloning topic learning, interview with six Biology teachers of Class XII and documentation method to the learning conducted in the schools. Results of the research show that the cloning topic learning in Islamic organization-based senior high schools did not entirely integrate religious values in the aspect of learning planning and implementation, which is not in line with the school vision and mission. The teacher argumentations related to cloning in fact revealed with several base, in addition to the religious thinking base. Such patterns have a tendency with the characteristics of the Islamic organizations supporting the schools named in the framework of the economy, humanity, and knowledge. These three frameworks pose the main sense for each teacher argumentation. The implication of this research is that the basic thinking of a teacher in dealing with cloning is influenced by the character of the Islamic organization where they teach. Thus, it is necessary for further studies to explore the influences of Islamic organizations on argumentation and practices of cloning topic learning in Islamic organizations senior high schools.

Keywords: argumentation, learning practices, cloning, Islamic organizations senior high schools

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DAFTAR ISI

HALAMAN SAMPUL	i
HALAMAN PENGESAHAN DISERTASI	iii
PERNYATAAN.....	iii
KATA PENGANTAR	iv
UCAPAN TERIMAKASIH.....	v
ABSTRAK	iv
ABSTRACT	5
DAFTAR ISI.....	6
DAFTAR TABEL.....	xii
DAFTAR GAMBAR	xiv
DAFTAR LAMPIRAN.....	xvi
BAB I PENDAHULUAN.....	1
1.1 Latar Belakang Penelitian	1
1.2 Rumusan Masalah Penelitian	11
1.3 Tujuan Penelitian	12
1.4 Manfaat Penelitian	12
1.4.1 Manfaat Teoretis	12
1.4.2 Manfaat Praktis	12
1.5 Batasan Masalah	13
1.6 Struktur Organisasi Disertasi	14
BAB II KAJIAN PUSTAKA DAN KERANGKA PEMIKIRAN.....	17

Afridha Laily Alindra, 2021

ARGUMENTASI DAN PRAKTIK PEMBELAJARAN GURU BIOLOGI TENTANG KLONING DI SMA YANG DIKELOLA ORGANISASI ISLAM BERBEDA

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2.1 Kloning Makhluk Hidup sebagai Penemuan Spektakuler Bioteknologi	17
2.2 Perdebatan Kloning Manusia	23
2.3 Perdebatan Kloning Hewan	29
2.4 Perdebatan Kloning Tumbuhan	38
2.5 Pembelajaran Topik Kloning di SMA	43
2.6 Pandangan Islam terkait dengan Kloning sebagai Isu Kontemporer	51
2.7 Peran beberapa Organisasi Islam di Indonesia dalam Pendidikan (NU, Muhammadiyah, dan JSIT).....	61
2.8 Proses dan Latar Belakang Pengambilan Keputusan seseorang terhadap Kloning.....	69
2.8.1 Latar Belakang Keyakinan.....	80
2.8.2 Latar Belakang Pengalaman.....	82
2.8.3 Latar Belakang Pengetahuan.....	83
2.8.4 Latar Belakang Lingkungan Kerja	85
2.9 Argumentasi terhadap Isu Sosiosaintifik	86
2.10 Kerangka Pikir penelitian.....	92
BAB III METODE PENELITIAN	94
3.1 Jenis Penelitian.....	94
3.2 Partisipan dan Situs Penelitian	94
3.3 Prosedur Penelitian	100
3.3.1 Tahap persiapan	100
3.3.2 Pengembangan Instrumen	101
3.3.3 Tahap Pengumpulan Data	114
3.4 Teknik Pengumpulan Data.....	116
3.5 Teknik Analisa Data.....	117

3.6 Keabsahan Data.....	120
BAB IV TEMUAN DAN PEMBAHASAN	123
4.1 Profil Pembelajaran Biologi pada Topik Kloning di SMA yang dikelola organisasi Islam berbeda	123
4.1.1 Perencanaan Pembelajaran Topik Kloning di SMA yang dikelola organisasi Islam berbeda	123
4.1.2 Pelaksanaan pembelajaran topik kloning di sekolah pada organisasi Islam.....	144
4.2 Profil Argumentasi Guru Biologi SMA yang dikelola organisasi Islam berbeda terhadap beberapa Isu pada Topik Kloning.....	154
4.2.1 Pengambilan Keputusan Guru terhadap Kloning.....	219
4.2.2 Orientasi Pikir dalam Argumentasi Guru.....	221
4.3 Latar Belakang Argumentasi dan Pandangan Guru Biologi SMA yang dikelola organisasi Islam berbeda terhadap Sains dan Agama	228
4.3.1 Pengetahuan pribadi dan pemahaman agama	230
4.3.2 Pengetahuan pribadi, pemahaman agama dan pengaruh organisasi	231
4.3.3 Pengetahuan pribadi, pemahaman agama, pengalaman mengajar, dan pengaruh organisasi.....	237
4.3.4 Pandangan Guru Biologi SMA yang dikelola organisasi Islam berbeda terhadap Sains dan Agama	240
BAB V SIMPULAN, IMPLIKASI DAN REKOMENDASI	248
5.1 Simpulan	248
5.2 Implikasi.....	249
5.3 Rekomendasi	249
DAFTAR PUSTAKA	9

DAFTAR PUSTAKA

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